Case Number 4551

Application

Trascripts

Small Exhibits

ETC.

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 16, 1971

EXAMINER HEARING

IN THE MATTER OF:

Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.

Case No. 4551

BEFORE: DANIEL S. NUTTER, EXAMINER

TRANSCRIPT OF HEARING

MR. NUTTER: Call next Case Number 4550.

MR. HATCH: Case 4550. Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico.

MR. CHRISTY: Sam Christy, Jennings Christy & Copple, Roswell, for the applicant, Roger C. Hanks. We have one witness, Mr. Examiner.

Would you stand and be sworn?

(Witness sworn)

WALTER R. BAIRD

having been first duly sworn, testified upon his oath as follows:

DIRECT EXAMINATION

BY MR. CHRISTY:

Q Would you please state your name, by whom you are employed and what capacity?

A Walter R. Baird. I am employed by Roger C. Hanks in the capacity of a geologist.

Q Have you previously testified before this regular tort body and had your qualifications as a petroleum geologist accepted?

A No, sir.

Q Would you briefly tell the examiner your schools of higher learning attended, degrees received, if any?

A I have a Bachelor of Science and Geology from Bowling Green State University in Bowling Green, Ohio, and two

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years graduate work at the University of Colorado, Boulder, Colorado.

MR. NUTTER: I thought Bowling Green was in Kentucky. There is another one?

THE WITNESS: Yes.

Q (Mr. Christy continuing) And since your completion of your graduate work, by whom have you been employed, and in what capacity?

A I was employed for approximately ten years by the Gulf Oil Corporation in Midland, Texas as an exploration and production geologist.

Since that time, which would have been in 1962, I have been an independent and on retainer to various smaller oil producers in the capacity of a geologist.

Q Has this been mainly in west Texas and southern New Mexico?

A Entirely so.

Q Mr. Baird, the application under consideration relates to a well in township twenty, south range twenty-four east, Eddy County, New Mexico. Are you generally familiar with that area?

A Yes, sir.

MR. CHRISTY: Are the witness' qualifications acceptable?

MR. NUTTER: Yes, they are.

Q (Mr. Christy continuing) Mr. Baird, briefly tell me what

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is sought by the applicants in Case Number 4550.

A We seek in this application to have an unorthodox location approved by the Commission.

Even the fact that the well had been drilled as an oil well, and it was completed as a gas well.

MR. CHRISTY: This is an application for an exception to Rule 104B, Mr. Examiner, in that our line on the west side does not conform to the normal 1980, and being 850 feet, that is our difficulty under the rules. The dedicated area is the south half.

MR. NUTTER: Let's see. I think we have got the cases mixed up. We called Case 4550, but we are actually on Case 4551, aren't we?

MR. CHRISTY: Well, now, maybe I have got them backwards.

MR. HATCH: 4550 is for the salt water disposal.

MR. CHRISTY: I have got them all exactly backwards. It is my mistake. I remembered them backwards.

MR. NUTTER: Well, now that we have got these exhibits and everything, all we have to do is change the number on them.

MR. CHRISTY: Right.

MR. NUTTER: It will be 4551. Will call Case 4551, then.

MR. HATCH: Case 4551. Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.

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MR. CHRISTY: I apologize. Now, continuing, as I said to the examiner, in Case 4551, we seek an exception to Rule 104B in that our west endline does not meet the provisions of the rule in that it is only 850 feet rather than 1980 feet from the west line.

Q (Mr. Christy continuing) Now, continuing, and let me refer you to Exhibit 1 and ask you if that is a well location acreage dedication plat.

I refer first of all to Exhibit 1A which is the one I believe you filed initially when you thought you were going to encounter an oil well.

A That is true. That is correct. That is correct.

Q And it shows an eighty acre dedication being the west half southwest half of section thirty-five in twenty south, twenty-four east.

A True.

Q And now, I refer you to Exhibit 1B, which is the same well location and acreage dedication plat, but at this time, it shows an acreage dedication of 320 acres encompassing the entire south half of that same section thirty-five; is that correct?

A That's correct.

Q Now, let me refer you to what has been marked Exhibit 2, and I will ask you what that is, please, sir, and what is the purpose of it with respect to this application?

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A Exhibit 2 is a data compiled to show that rather than oil being encountered here that gas was encountered, and that the well was completed as a rather complete gas well from the Cisco Canyon Horizon.

Q Is there a well that produced oil or apparently would produce oil near this acreage that we are talking about? Why did you think you were going to get an oil well, is what we are getting to.

A Well, the prospect, the reason for drilling the well in the first place was based upon shows of oil within this Cisco Canyon interval in the stand of tests submitted and offset wells and offset dry hole to the west.

There were some shows of oil and gas in the drill stem test of the Cisco Canyon in that well. Based on that, Mr. Hanks set up a location in section thirty-five attempting to complete as an oil well from those same zones.

Q And this same well that had the potential oil in it in the Cisco Canyon is immediately to the west, that is in the east half, southeast of section thirty-four?

A It would be as close to it as it could be by regulations.

Q All right, sir. Now, let me proceed to your Exhibit 3, and would you tell me what that exhibit depicts and why you present it?

A We present this merely to show that the completion here

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from the Cisco Canyon zone is a valid and extremely potential gas reservoir.

The exhibit shows the pressure build-up over a one hour period in one minute increments, and it shows the pressure started here at 1:30 P.M. at 927 pounds. One hour later at 2:30 P.M. was 1346 pounds rather than good pressure from those depths.

Q Now, let me refer you to Exhibit 4 and ask you what that depicts and the purpose of it for this hearing.

A Exhibit 4 is a fractional analysis of the produced gas from this interval, and it is being presented here merely to show the composition and value of gas that is produced.

Q This is wet gas, isn't it?

A That is.

Q Now, I believe you also have to offer Exhibit 5 which is a log of the well, Exhibit 6, which are some reports that Mr. Hanks received concerning the cuttings and Exhibit 7 which is a score; is that correct sir?

A That's right. That's right.

Q Now, assume with me for the moment that the ownership in the east half southeast of section thirty-four and the west half southwest of section thirty-five is common.

Assuming that, do you believe that economic waste would be created by the failure to grant this application?

A Yes, sir.

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MR. CHRISTY: I would like to mention to the examiner at this time that this is one basis. The royalty is common throughout on the east half southeast and the west half east half southeast of thirty-four and the west half southwest of thirty-five, the overriding royalty and production payment is common.

The working interest is fifty percent and fifty percent Chevron. It is therefore common.

I just drew this to give you a general idea. That is based on opinion as of early 1970, and I know of no changes.

MR. NUTTER: So, in other words, the effect is that by moving to the west you are crowding the offsetting acreage, but it is a part of the same lease?

MR. CHRISTY: And it is exactly the same ownership, royalty override and interest.

MR. NUTTER: I see.

Q (Mr. Christy continuing) Now, I ask you that question with respect to economic waste. Would you also say that it would create economic waste to drill a second well in order to be in an orthodox location?

A By that, sir, do you mean that this well would have to be blind along a second well drilled?

Q Yes, sir.

A It definitely would.

Q Now, again, on the same base of assumption that I ask you

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about ownership, do you see the violation of correlative rights of any of the interested parties by the granting of this application?

A No, sir. From what you have shown there would be none.

Q Is there anything which I have not discussed which you think would be of interest to the examiner in connection with the consideration of the application?

A No, sir. I don't believe there is.

MR. CHRISTY: We have no further questions of this witness.

CROSS EXAMINATION

BY MR. NUTTER:

Q Now, Mr. Baird, where is the oil well that you said was in the vicinity? Now that I have got this map I might be able to locate it.

A I beg your pardon, sir. It is a dry hole which was located directly west in section thirty-four.

Q I see.

A It was directly west in section thirty-four.

MR. CHRISTY: It is in the east half of southeast, though isn't it?

THE WITNESS: Yes, sir. It should be designated as the Standard of Texas, Number 1 Smith.

MR. CHRISTY: Can you get any idea of the distances?

THE WITNESS: That well appears to be located 1980

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out of the south, 1980 from the east, section thirty-four.

Q (Mr. Nutter continuing) And what was your test regarding this well?

A That well had slight shows of oil.

Q I see.

A From the Cisco Canyon section.

Q Was it completed finally as a dry hole?

A Yes, sir. The shows were not large, but they were such to indicate that there was a possibility of establishing oil production in the well that Mr. Hanks drilled offsetting.

Q Now, were other pays in the subject well tested?

A No, sir.

Q There was no other production from any other?

A No, sir.

MR. NUTTER: Are there any further questions of the witness? He may be excused.

(Witness excused)

MR. CHRISTY: We will offer in evidence applicant's Exhibits 1 through 7 inclusive.

MR. NUTTER: Exhibits 1A, 1B and 2 through 7 will be admitted in evidence.

MR. CHRISTY: We have nothing further, Mr. Examiner.

MR. NUTTER: Does anyone have anything they wish to offer in Case 4551? We will take the case under advisement.

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I N D E X

WITNESS	PAGE
WALTER R. BAIRD	
Direct Examination by Mr. Christy	2
Cross Examination by Mr. Nutter	9

STATE OF NEW MEXICO)
)
COUNTY OF BERNALILLO)

I, LINDA MALONE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Linda Malone
Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 4551, heard by me on 6/16, 1971.

Examiner
New Mexico Oil Conservation Commission

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OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

June 30, 1971

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY – DIRECTOR

Re: Case No. 4551
Order No. R-4160
Applicant:
ROGER C. HANKS

Mr. Sim Christy
Jennings, Christy & Copple
Attorneys at Law
Post Office Box 1180
Roswell, New Mexico 88201

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC

Other

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 4551
Order No. R-4160

APPLICATION OF ROGER C. HANKS
FOR AN UNORTHODOX GAS WELL
LOCATION, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10:30 a.m. on June 16, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 29th day of June, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Roger C. Hanks, seeks, as an exception to the gas well location requirements of the Commission Rules and Regulations, approval for an unorthodox gas well location in an undesignated Pennsylvanian gas pool for his Preston-Federal Well No. 1, located 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

(3) That the subject well was projected as an oil well at a standard location but was productive of gas.

(4) That the entire S/2 of said Section 35 can be efficiently and economically drained and developed by the subject well.

(5) That approval of the subject application will afford the applicant the opportunity to produce his just and equitable share of the gas in the subject undesignated Pennsylvanian gas pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That an unorthodox gas well location is hereby approved for the Roger C. Hanks Preston-Federal Well No. 1 in an undesignated Pennsylvanian gas pool at a point 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico, as an exception to Rule 104 of the Commission Rules and Regulations.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Bruce King

BRUCE KING, Chairman

Alex J. Armijo

ALEX J. ARMIJO, Member

A. L. Porter, Jr.

A. L. PORTER, Jr., Member & Secretary

dr/

Docket No. 12-71

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 16, 1971

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

ALLOWABLE: (1) Consideration of the oil allowable for July and August, 1971;

(2) Consideration of the allowable production of gas for July, 1971, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for July, 1971; also presentation of purchaser's nominations for the six-month period beginning August 1, 1971, for that area.

CASE 4487: (De Novo) This case will be continued to the August 18, 1971, Regular Hearing.

Application of Pennzoil United, Inc., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Strawn formation underlying the W/2 of Section 6, Township 23 South, Range 27 East, South Carlsbad-Strawn Gas Pool, Eddy County, New Mexico, said acreage to be dedicated to the Morris R. Antweil Joell Well No. 1 located 660 feet from the North line and 1980 feet from the West line of said Section 6. Also to be considered will be the cost of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

Upon application of Pennzoil United, Inc., this case will be heard De Novo under the provisions of Rule 1220.

CASE 4503: (De Novo)
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico, to a bottom hole-location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom hole location over other producers.

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4547: Application of Hanson Oil Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4548: Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefor, including a provision for 640-acre spacing units.

CASE 4549: Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt-San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4550: Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551: Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line

(Case 4551 continued)

and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennysylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4554: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 and in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D, and F, respectively, of Section 27.

CASE 4555: Application of BTA Oil Producers for expansion of a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenence Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

CASE 4558: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Eddy and Chaves Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Aid-Morrow Gas Pool. The discovery well is Pennzoil United,

(Case 4553 continued)

Inc., Aid State No. 1 located in Unit A of Section 24, Township 17 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: N/2

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the East Terry-Blinebry Pool. The discovery well is Mark Production Company, Conoco Federal No. 2 located in Unit J of Section 30, Township 20 South, Range 39 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM
SECTION 30: SE/4

(c) Extend the Arrowhead-Grayburg Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 20: NW/4

(d) Extend the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 5: SE/4

(e) Extend the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 10: S/2

(f) Extend the Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 30: W/2 W/2

(Case 4551 continued)

and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennyslvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4554: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 and in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D, and F, respectively, of Section 27.

CASE 4555: Application of BTA Oil Producers for expansion of a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenence Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

CASE 4553: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Eddy and Chaves Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Aid-Morrow Gas Pool. The discovery well is Pennzoil United,

(g) Extend the Double L-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
SECTION 23: SE/4 SE/4

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 12: NW/4 NE/4

(h) Extend the Lea-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4

(i) Extend the South McCormack-Silurian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: NW/4

(j) Extend the Power Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: SW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 6: NW/4 NW/4

(k) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: SE/4

(l) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 13: NE/4
SECTION 15: S/2 SW/4
SECTION 23: W/2

(m) Extend the Northwest Vacuum-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Roger Hanks	Section 35 Federal	1

Unit Letter	Section	Township	Range	County
L	35	20S	24 E.	EDDY

Actual Footage Location of Well:
1900 feet from the South line and 850 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3683'	Cisco	Undesignated	~~80~~ 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

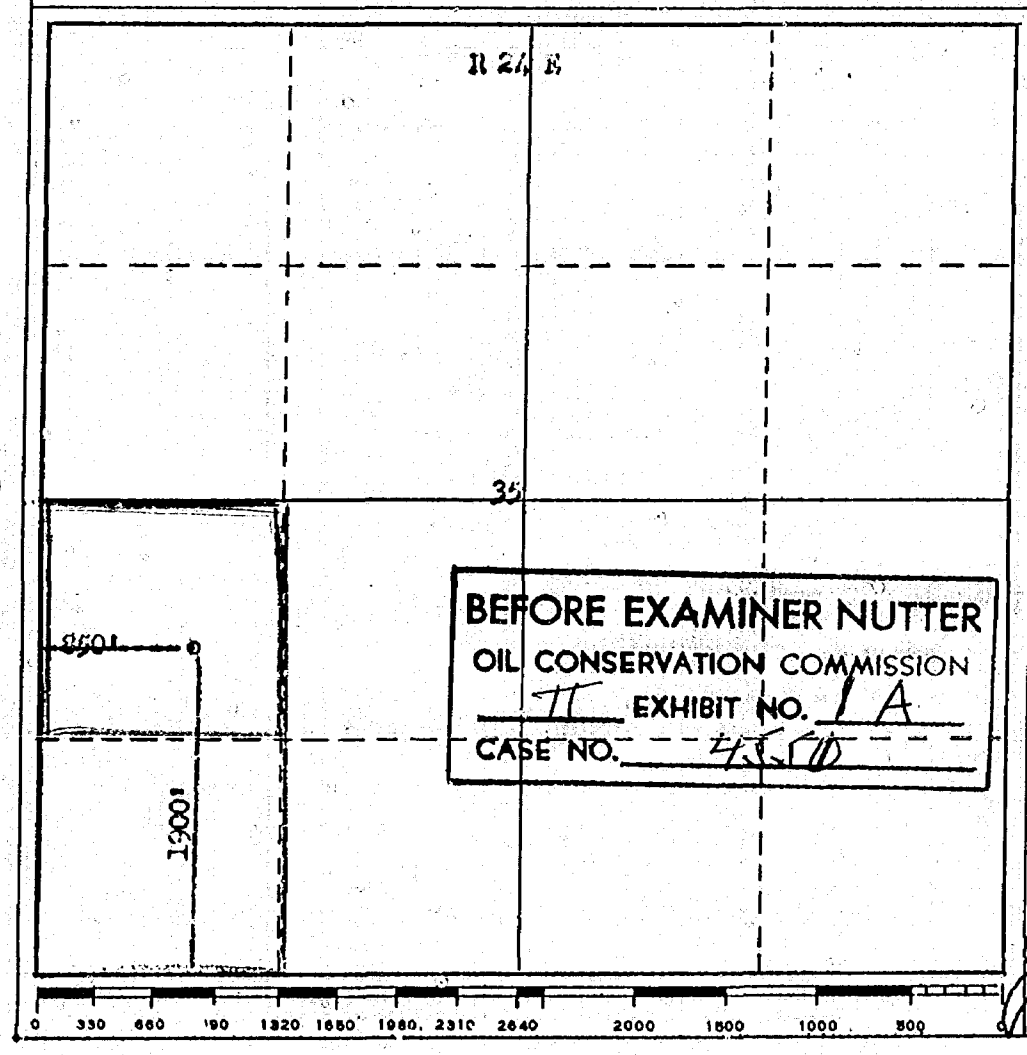
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1A
CASE NO. 4560

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Roger C. Hanks

Name
Roger C. Hanks

Position
Operator

Company
Roger C. Hanks

Date
November 17, 1970

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO NO. 542 JAMES H. BROWN

Date Surveyed
October 13, 1970

Registered Professional Engineer and/or Land Surveyor

James H. Brown

Certificate No.
542 1A

/ MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Roger C. Hanks	Preston-Federal	1

Unit Letter	Section	Township	Range	County
L	35	20 South	24 East	Eddy

Actual Footage Location of Well:
1900 feet from the South line and 850 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3683'	Cisco Canyon	Undesignated	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

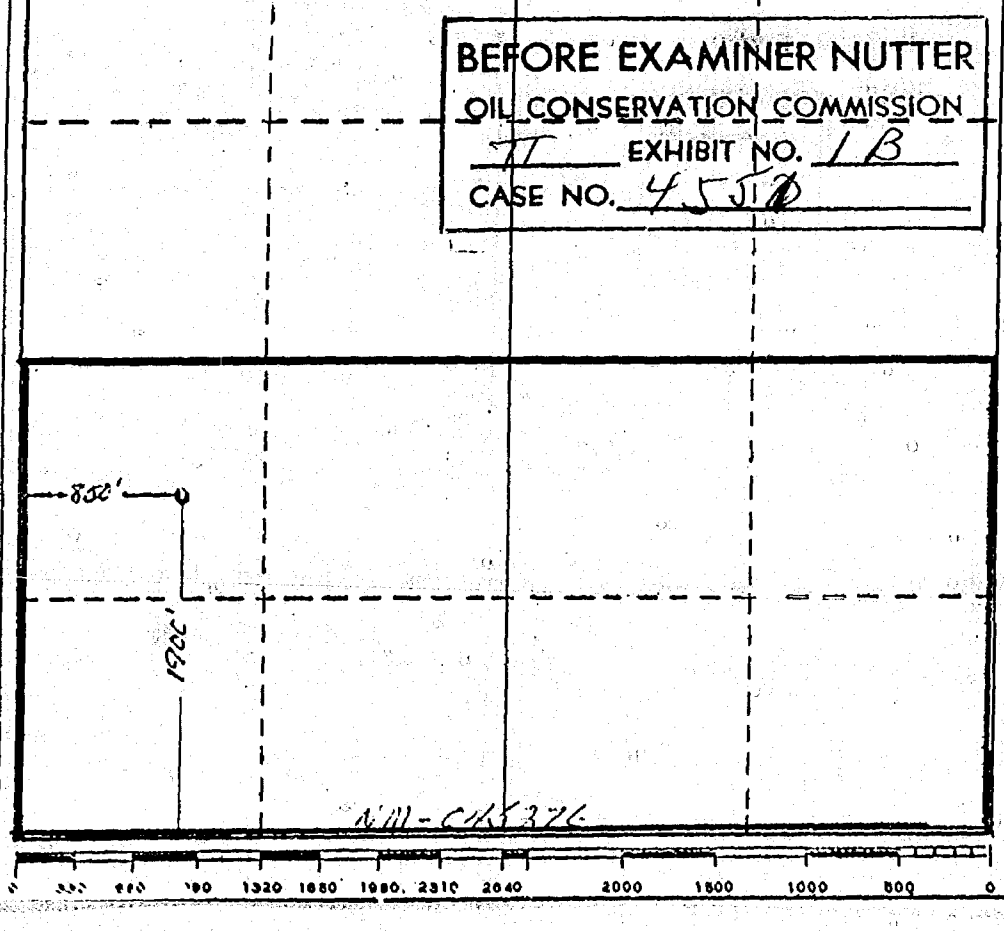
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: Roger C. Hanks

Position: Operator

Company: Roger C. Hanks

Date: April 26, 1971

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

1B

Certificate No.

(6/70)

OKLAHOMA TAX COMMISSION — OIL & GAS CONSERVATION DIVISION

BACK - PRESSURE TEST FOR NATURAL GAS WELLS

TYPE TEST: ☐ INITIAL ☐ ANNUAL ☒ SPECIAL	TEST DATE 1-23-71			OKLAHOMA TAX COMMISSION ASSIGNED LEASE NO.
COMPANY Roger C. Hanks	CONNECTION None			
FIELD Indian Basin	ALLOCATED POOL NO.	RESERVOIR Cisco Canyon	LOCATION	UNIT
COMPLETION DATE	TOTAL DEPTH 7801	PLUG BACK TD 7767	ELEVATION 3698 + 16'	FARM OR LEASE NAME Preston
CSG. SIZE 7"	WT. 23-26	d	SET AT 7801	PERFORATIONS: FROM TO 7668 - 7700	WELL NO. 1
TBG. SIZE 2-3/8	WT. 4.7	d 1.995	SET AT 7576	PERFORATIONS: FROM TO	SEC. 35 TWP- 20S RGE- 24 ECM
TYPE COMPLETION (DESCRIBE) Single			PACKER SET AT	COUNTY Eddy
PRODUCING THRU Tubing	RESERVOIR TEMP. F 143 @ 7684	MEAN GROUND TEMP. F 74	BARO. PRESS.- P_a 14.4	STATE New Mexico

L	H	G_g	% CO_2	% N_2	% H_2S	PROVER	METER RUN	TAPS
7684	7684	.650	.63	.82	.28		4.026	Flg.

	FLOW DATA				TUBING DATA		CASING DATA		
NO.	(LINE) SIZE X ORIFICE SIZE	PRESS. PSIG	DIFF. (INCHES)	TEMP. F	PRESS. PSIG	TEMP. F	PRESS. PSIG	TEMP. F	DURATION OF FLOW, HR.
SI									
1.	4 x 1.250	171.0	59	85	445	90			96
2.	4 x 1.250	171.0	50	85	485	90			1
3.	4 x 1.250	171.0	30	85	633	90			1
4.	4 x 1.250	171.0	21	85	719	89			1
5.									

RATE OF FLOW CALCULATIONS

NO.	COEFFICIENT (24-HOUR)	$\sqrt{h_w P_m}$	PRESSURE P_m	FLOW TEMP. FACTOR, F_t	GRAVITY FACTOR, F_g	SUPER COMPRESS. FACTOR, F_{pv}	RATE OF Q, MCFD
1.	7.857	104.2	184.2	.9768	1.240	1.016	1008
2.	7.857	96.0	184.2	.9768	1.240	1.016	928
3.	7.857	74.3	184.2	.9768	1.240	1.016	718
4.	7.857	62.2	184.2	.9768	1.240	1.016	601
5.							

NO.	P_f	TEMP. R	T_f	Z
1.	.27	545	1.45	.969
2.	.27	545	1.45	.969
3.	.27	545	1.45	.969
4.	.27	545	1.45	.969
5.				

GAS LIQUID HYDROCARBON RATIO 840 MCF/ BBL
API GRAVITY OF LIQUID HYDROCARBONS 61.0 DEG.
SPECIFIC GRAVITY SEPARATOR GAS .650 XXXXXXXXXX
SPECIFIC GRAVITY FLOWING FLUID XXXX .650
CRITICAL PRESSURE 670 PSIA 670 PSIA
CRITICAL TEMPERATURE 375 R 375 R

P_c 2400 * P_c^2 5760

NO.	P_w	P_w^2	$P_c^2 - P_w^2$
1.		236.6	5523.4
2.		270.7	5489.3
3.		430.7	5329.3
4.		545.1	5214.9
5.			

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = ——— (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = ———

WHAOF = $Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = ———

CALCULATED WELLHEAD OPEN FLOW 1,080 MCFD @ 15.025 XXXXX		ANGLE OF SLOPE θ 45.0	SLOPE, n 1.000
REMARKS: * Calculated wellhead pressure after 72 hours Well producing fluid rate: 56 BBl. H_2O/hour 0.05 BBl. 61° API Cond/hour			
APPROVED BY COMMISSION:	CONDUCTED BY:	CALCULATED BY:	CHECKED BY: 2

BUILD-UP PRESSURES OBSERVED

COMPANY: Roger C. Hanks

LEASE: Preston

WELL: No. 1

DATE: January 23, 1971

Flow Rate: 601 Mcf/D @ 15.025 Psia & 60° F

Tubing Pressure: 719 Psig

Shut Well in at: 1:30 PM

t	t, min.	Tubing Pressure, Psig	Tubing Temp/Deg. F
1:30 PM	0	719	90
1:31 PM	1	850	90
1:32 PM	2	880	90
1:33 PM	3	905	90
1:34 PM	4	919	90
1:35 PM	5	932	90
1:40 PM	10	986	89
1:50 PM	20	1080	88
2:00 PM	30	1152	87
2:15 PM	45	1216	87
2:30 PM	60	1346	85

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
II EXHIBIT NO. 3
CASE NO. 4555

By: THURMOND-McGLOTHLIN, INC.

3

THURMOND-McGLOTHLIN, INC.

Analytical Laboratory

BOX 1698 PHONE (806) MO 5-5792 OR MO 5-5700
PAMPA, TEXAS 79065

FRACTIONAL ANALYSIS RESULTS SUMMARY

PERCENTAGE COMPOSITION

		Mol %	GPM	Liquid Volume %
Helium		0.05		
Carbon Dioxide		0.63		
Nitrogen		0.82		
Oxygen		0.00		
Methane	C1	89.23	15.461	
Ethane	C2	5.10	1.325	
Propane	C3	1.96	0.554	
Iso-Butane	C4	0.40	0.133	
N-Butane	nC4	0.72	0.232	
Iso-Pentane	iC5	0.26	0.097	
N-Pentane	nC5	0.27	0.100	
Hexanes	C6	0.28	0.149	
H_2S		0.28		

GASOLINE CONTENT

GPM

Based on Analysis
Pentanes and Heavier 0.346
Butanes and Heavier 0.711
1.265

HEATING VALUE

B T U

Calorimeter 1100 water sat; 14.696 Psia & 60°F
Calculated 1099 water sat; 14.696 Psia & 60°F

SPECIFIC GRAVITY

Measured 0.650
Calculated 0.648

SAMPLE IDENTIFICATION

Date of Run January 25, 1971
Company Roger C. Hnaks
Plant or Lease Preston No. 1
Sample of Cisco Canyon
Pressure 171 Psi
Temperature _____ Atmos _____
Cyl No. T-Mc 144
Gas (X) Liquid ( ) Oil ( )
Secured By T-Mc JWC Date 1-23-71
Analysis Performed for _____

Results of Analysis to:
Roger C. Hanks

REMARKS
* GPM @ 15.025 Psia & 60° F
** 1145 BTU Dry Basis; 15.025 Psia & 60°F

Determined at Source:
H_2S Content: 181 Grains/100 Cu. Ft.
Mercapatans Content: 0.88 Grains/100 Cu.Ft

Analysis By: J. W. Chisum

FORM NO. T-M L-101

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS
December 31, 1970

Mr. Roger C. Hanks
2100 Wilco Building
Midland, Texas

Subject: Mud and Cuttings Analysis
Preston Federal No. 1 Well
Wildcat
Eddy County, New Mexico
Location: Sec. 35-T20S-R24E

Dear Sir:

A mobile laboratory of Core Laboratories, Inc. was present at the site of the above well during drilling operations between the depths of 5000 and 7800 feet. Using standard equipment and procedures, laboratory personnel continuously monitored the drilling fluid for hydrocarbon content and inspected the drill cuttings at regular intervals for gas and oil content and lithology. To supplement the hot wire gas detector, a Programmed Hydrocarbon Detector (gas chromatograph) was used for detecting and measuring each hydrocarbon in the total gas. The results of the observations are shown on the accompanying Grapholog with other pertinent information, including drilling rate data and drilling fluid properties.

Should there be any questions, please contact us.

We are very pleased to have been of service and trust this information has assisted in evaluating this property.

Very truly yours,

Core Laboratories, Inc.

C A Hogan (ma)

C. A. Hogan
Assistant District Manager

CAH:dl

Distribution of Final Reports

8 Copies	Mr. Roger C. Hanks 2100 Wilco Building Midland, Texas 79701
3 Copies	Mr. Clay Warren Chevron Oil Company Box 1660 Midland, Texas 79701
2 Copies	Armour Properties 1107 Oil & Gas Building Wichita Falls, Texas 76301

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS 75207

Formation cored in the subject well has been analyzed according to instructions received at the laboratory. Results of the analysis are presented in tabular form. Information relative to the drilling fluid used during the coring operation, sampling and preservation of the core and type of analysis employed is noted on the data pages.

Thank you for the opportunity to be of service.

CORE LABORATORIES, INC.
P. O. BOX 4337
MIDLAND, TEXAS 79701

Distribution of Final Reports

3 Copies

Roger C. Hanks
2100 Wilco Building
Midland, Texas 79701

CL-611-1

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS RESULTS

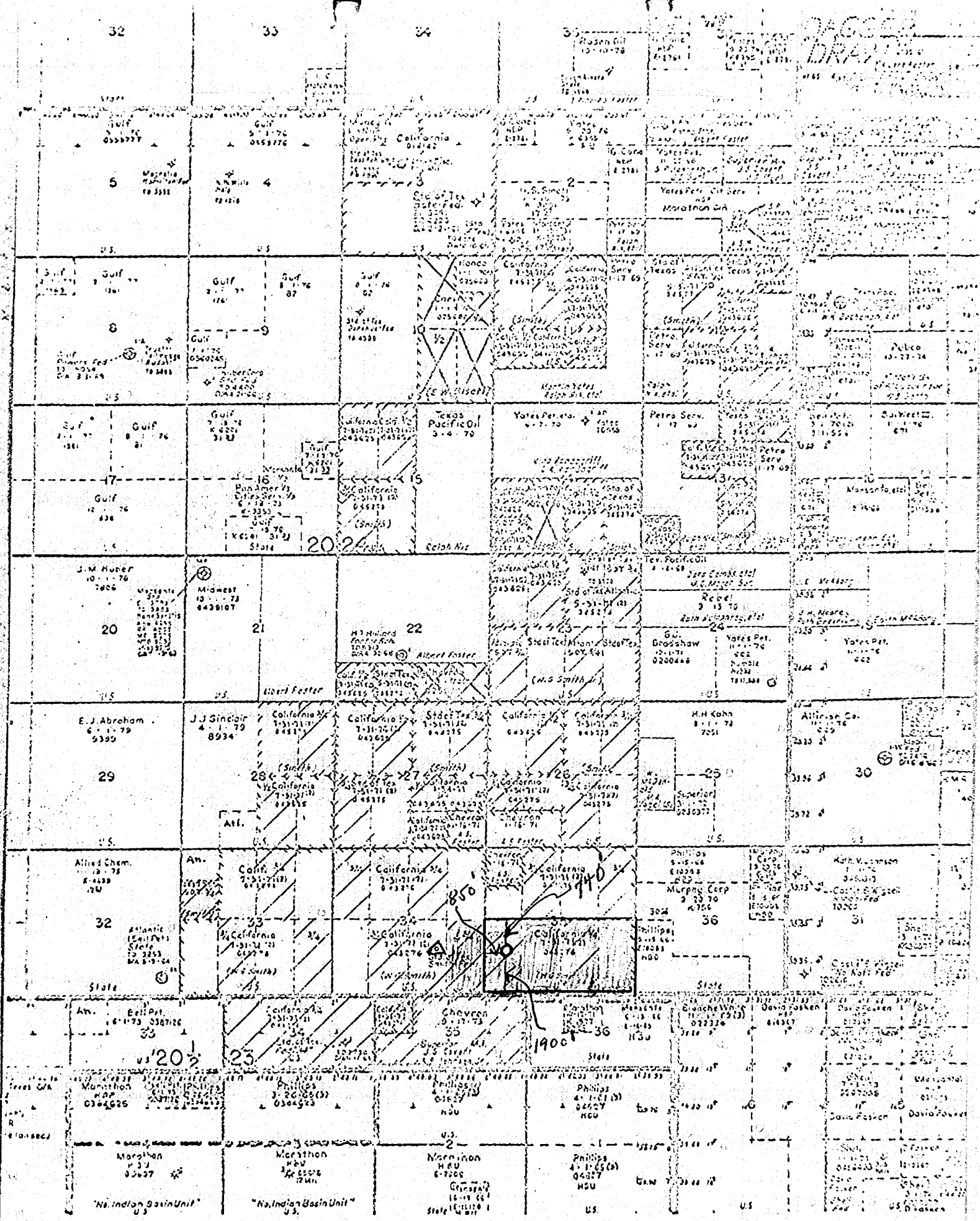
Company ROGER HANKS | Formation | File WP-1-8451
Well PRESTON-FEDERAL NO. 1 | Core Type DIAMOND 4 3/8" | Date Report 12-19-70
Field WILDCAT (CISCO) | Drilling Fluid | Analysts ANTWINE
County EDDY State N. M. Elev. | Location 1900' FSL, 850' FWL SEC 35, 20S, 24E

Lithological Abbreviations

SAND-SD, SHALE-SH, LIME-LM, DOLOMITE-DOL, CHERT-CH, GYPSUM-GYP, ANHYDRITE-ANHY, CONGLOMERATE-CONG, FOSSILIFEROUS-FOSS, SANDY-SDY, SHALY-SHY, LIMY-LMY, FINE-FN, MEDIUM-MED, COARSE-CSE, CRYSTALLINE-XLN, GRAIN-GRN, GRANULAR-GRNL, BROWN-BRN, GRAY-GY, VUGGY-VGY, FRACTURED-FRAC, LAMINATION-LAM, STYLOLITIC-STY, SLIGHTLY-SL/, VERY-V/, WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS MAX.	90°	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE OIL	TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
		WHOLE-CORE ANALYSIS					
1	7507.0-08.4	7.2	6.1	2.5	0.0	27.0	Dolomite, vert frac, vgy
2	08.4-09.6	0.4	0.4	2.7	3.4	22.5	Dolomite, vert frac, vgy
3	09.6-10.8	0.9	0.8	1.9	0.0	38.5	Dolomite, vgy
4	10.8-12.2	0.1	<0.1	3.0	2.4	22.8	Dolomite, vgy
5	12.2-13.5	239	197	5.5	1.6	10.8	Dolomite, vgy
	7513.5-14.5						Core missing
6	7514.5-16.0	2.1	1.9	5.5	2.5	23.4	Dolomite, vert frac, vgy
7	16.0-17.0	0.5	0.4	3.6	2.4	25.6	Dolomite, vert frac, vgy
8	7517.0-18.0	0.4	0.3	2.3	3.3	41.7	Dolomite, vert frac, vgy

These analyses, opinons or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential u this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper opera or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.


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Royalty ~~0.1~~ same (all USA).
5% ORR plus 5% PPI
5% ORR only
WI - Hanks & Chevron - All
Hanks 50% Chevron 50%
Hanks 50% Chevron 50%

LAW OFFICES OF
JENNINGS, CHRISTY & COPPLE
1012 SECURITY NATIONAL BANK BUILDING
P. O. BOX 1180
ROSWELL, NEW MEXICO 88201

JAMES T. JENNINGS
SIM B. CHRISTY IV
ROGER L. COPPLE
BRIAN W. COPPLE

TELEPHONE 622-6432
AREA CODE 505

May 25, 1971

Case 4557

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Dan Nutter

Gentlemen:

Supplementing our wire of May 24, 1971, enclosed in triplicate is Application of Roger C. Hanks for unorthodox well location, Eddy County, New Mexico. It is our understanding that this Application will come on before an Examiner Hearing on June 16.

Respectfully submitted,

JENNINGS, CHRISTY & COPPLE

By S. B. Christy IV

SBC:pv

Encls.

cc: Mr. Roger C. Hanks
(w/cc of Application)

DOCKET MAILED
Date 6-3-71

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF ROGER C. HANKS)
APPLICATION FOR UNORTHODOX WELL)
LOCATION, EDDY COUNTY, NEW MEXICO)
)

Case No. 4551

APPLICATION

COMES NOW Roger C. Hanks, whose address is 2100 Wilco Building, Midland, Texas, 79701, and hereby makes application for an unorthodox well location in lands in Eddy County, New Mexico as an exception to Rule 104 of the New Mexico Oil Conservation Commission Rules and Regulations, and states:

1. On November 23, 1970, Applicant spudded his Preston Federal No. 1 Well at a location 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, N.M.P.M., in search of oil and associated hydrocarbons in paying quantities.

2. That said well was completed on March 24, 1971, as a well capable of producing gas and associated hydrocarbons from a formation of the Pennsylvanian Age or older, and said well was not completed as a producer of oil and associated hydrocarbons.

3. That as a result of the foregoing, said well is not located on a standard formation as permitted by Rule 104 of the New Mexico Oil Conservation Rules and Regulations, in that the S½ of said Section 35 has been dedicated as the proration unit for said well, and as a consequence, the well is located nearer than 1980 feet from the end boundary line of the proration unit.

4. That economic waste will result in the denial of this Application, and that the correlative rights of the interested parties would be best protected by the granting of this Application.

WHEREFORE, Applicant prays that the Commission enter its order granting an unorthodox well location to Applicant's Preston Federal No. 1 Well located 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, N.M.P.M., Eddy County, New Mexico.

Respectfully,

ROGER C. HANKS

By 
S. B. Christy IV, as a
member of the firm of
Jennings, Christy & Copple
P. O. Box 1180
Roswell, New Mexico 88201

Attorneys for Applicant

DRAFT

GMH/dr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4551

Order No. R- 4160

APPLICATION OF ROGER C. HANKS
FOR AN UNORTHODOX GAS WELL
LOCATION, EDDY COUNTY, NEW MEXICO.

6-25-71

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10:30 a.m. on June 16, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of June, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Roger C. Hanks, seeks, as an exception to the gas well location requirements of the Commission Rules and Regulations, approval for an unorthodox gas well location in an undesignated Pennsylvanian gas pool for his Preston-Federal Well No. 1, located 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

(3) That the subject well was projected as an oil well at a standard location but was productive of gas.

(4) That the entire S/2 of said Section 35 can be efficiently and economically drained and developed by the subject well.

(5) That approval of the subject application will afford the applicant the opportunity to produce his just and equitable share of the gas in the subject undesignated Pennsylvanian gas pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That an unorthodox gas well location is hereby approved for the Roger C. Hanks Preston-Federal Well No. 1 in an undesignated Pennsylvanian gas pool at a point 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico, as an exception to Rule 104 of the Commission Rules and Regulations.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

western union **Telegram**

KA100 SSF486 1971 MAY 24 PM 4 52 (407)

K RWA025 HO PDF=ROSWELL NMEX 24 351P MDT=
NEW MEXICO OIL CONSERVATION COMMISSION=
STATE CAPITOL BLDG SANTA FE NMEX=

Case 4337

IN BEHALF OF ROGER C HANKS REQUEST EXAMINER HEARING
JUNE 16 FOR UNORTHODOX LOCATION 1900 FEET FROM SOUTH
LINE AND 850 FEET FROM WEST LINE IN SECTION 35 TOWNSHIP
20 SOUTH RANGE 24 EAST PRESTON FEDERAL NUMBER ONE WELL.
DEDICATION IS SOUTH HALF SECTION 35 FOR PENNSYLVANIAN
GAS. REQUEST PER YOUR RULE 104 APPLICATION FOLLOWS=
JENNINGS CHRISTY AND COPPLE== DOCKET MAILED

Date 6-3-71

16 1900 850 35 20 24 35 104=

WU 1201 (R 5-69)

Case Number

4552

Application

Trascripts

Small Exhibits

ETC.

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209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 16, 1971

EXAMINER HEARING

IN THE MATTER OF:

Hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced. Case 4552

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date JUNE 16, 1971 TIME: 10:30 a.m.

NAME	REPRESENTING	LOCATION
Nma L. Mildgami	Pan Byram	Santa Fe
H. E. Harrington	Hanson Oil Corp.	Roswell, N.M.
Robert V. Baker	Atlantic Richfield Co.	Midland, Texas
R L Beckman	U.S. G.S.	Artesia, N.M.
Jerry I. Moritz	BTA OIL PRODUCERS	MIDLAND, TX
A R Kendrick	OCC	Aztec
Henry S Birdseye	Self	Alb.

NEW MEXICO OIL CONSERVATION COMMISSION

REGULAR HEARING

SANTA FE, NEW MEXICO

Hearing Date JUNE 16, 1971 TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
R A Andrews	Amoco Prod.	Tulsa
R L Beckman	U. S. G. S.	Artesia, NM.
J. J. Savoy	Texaco Inc.	Midland, Texas
W. T. Loyd	Navajo Ref.	Artesia, NM
Geo E Watt	Plateau Inc	Farmington NM
J C Hunt	Shell	Midland, Texas
Buck Cooker	Cities Service	—
J. H. Jouette	Mobil Oil Corp.	Midland, Texas
T. B. Medders	Shell Oil Co.	Houston, Tex.
Harold C Miller	El Paso Natl Gas	El Paso, Tex
W. C. Rodgers	Phillips Petr. Co	Odessa, Tex
JOHN B. CASTLE	PENROC OIL CORP	MIDLAND, TEX.
Gus Buell	AMOCO	Ft. Worth
Don Currens	✓	✓
Jack Ramey	Permian Corp	Midland Texas
W E Cantrell	Permian Corp	Houston Texas
Walter Francing Jr.	Texaco Inc	Hobbs

NEW MEXICO OIL CONSERVATION COMMISSION

REGULAR HEARING

SANTA FE, NEW MEXICO

Hearing Date JUNE 16, 1971 TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
R. L. Denton	Admiral Unit #1	Midland Tex
Richard S. Morris	Montgomery et al	Santa Fe
[illegible]	[illegible]	Dal, N.M.
Jason Kellahin	Kellahin & Fox	Santa Fe
Robert N. Shelton	Atlantic Richfield	Midland, Texas
Jerry P. Dalsami	R W Byram	Santa Fe
J.C. Warrington	Hanson Oil Corporation	Roswell, N.M.
E.C. Arnell	OCC	Aztec
B&B Christy	R C Hanks	Roswell
Walter L. Baird	" " "	Midland Tex
Hugh Hanagan	Hanagan Petroleum	Roswell
Bill Huckaby	Corp.	Santa Fe

MR. NUTTER: The Examiner Hearing will come to order. We will call first Case No. 4552, please.

MR. HATCH: Case 4552. In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

JOE D. RAMEY,

a witness, having been first duly sworn according to law, upon his oath testified as follows:

DIRECT EXAMINATION

BY MR. HATCH:

Q Mr. Ramey, would you state your name and position for the record?

A Joe D. Ramey, Supervisor of the Commission's District 1, Hobbs, New Mexico.

Q Do you reside at Hobbs?

A Yes, I do.

MR. NUTTER: For anyone that may be interested in cases other than Case No. 4552 and Case No. 4553, those are the only two cases that we are going to hear before lunch, so if anyone is not interested in these two cases, but in some others, the hearing will reconvene after lunch at 1:30.

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FIRST NATIONAL BANK BLDG. EAST•ALBUQUERQUE, NEW MEXICO 87108

Proceed, Mr. Hatch.

Q (By Mr. Hatch) Mr. Ramey, are you familiar with Case 4552 and what the Commission is seeking in this case?

A Yes. This is an application to amend Commission Rule 506. This amendment calls for the deletion of Paragraph B, Sub-Paragraph 4, which reads: "All gas produced with the current oil allowable determined in accordance with this Rule shall be deemed to have been lawfully produced."

Q All right. As a member of the Commission's staff, were you instructed to make a study concerning the effect of that provision of Rule 506 that provides all gas produced with the current oil allowable, to determine in accordance with this Rule, shall be deemed to have been lawfully produced upon waste and correlative rights?

A Yes.

Q Have you made such a study?

A Yes, I have.

Q And as a result of that study, are you now making a recommendation that Rule 506 be revised by the Commission?

A Yes, I am. The revision to be the deletion of Sub-Paragraph 4.

Q All right. And why, then?

A Well, first, this Rule as it now reads is contradictory. Sub-Paragraph 2 states in part that a well or wells can produce only that volume of gas equivalent to the

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applicable limiting GOR, multiplied by top allowable and then we turn around in Sub-Paragraph 4, and it just more or less opens the door and lets them produce over this volume.

Q All right. What do you think was the intent of that Sub-Paragraph 4?

A Well, I think this was something to allow operators to keep their current allowable during the periods of gas-oil ratio tests. Normally, your gas-oil ratio tests are taken once yearly, regularly scheduled tests, and this was to allow for minor fluctuation in gas-oil ratio.

Q It is natural for GOR's to go up on some levels --

A Right.

Q -- during the year between tests?

A Yes. This will be the common trend that they would go up, and there would be some gas over what would be allowed when the allowable was first set.

Q Mr. Ramey, have the provisions of Sub-Paragraph 4 been in effect for a long time?

A We went through the old dusty records as best we could. We found an Order No. 545 dated July,1943 which does not have this provision of allowing this excess gas, and then the next thing we run down was Order No. 712 which is dated August, 1947, which does give this provision.

And then Order No. 850 which is dated September,

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1949, where we adopted a state-wide gas-oil ratio on Rule, and this provision was included in the Rule, so it had been in existence some time, either since August, '47 or prior to that, but not before July of 1943.

Q All right. Those first orders you spoke of had to do only with pools in the southeast?

A Yes. That's correct.

Q And the Order having to do with going into effect in 1950 is the first one in top of the state-wide --

A Right. This was the state-wide gas-oil ratio Rule.

Q All right. Would you give your reasons to the Examiner now why you think this should be deleted?

A I would like to refer to Exhibit No. 1. Exhibit No. 1 is a listing of oil wells which produced excess gas during the month of February, 1971. Now, excess gas is what I would consider gas produced over what would be allowed under Sub-Paragraph 2 or the top pool allowable limited to GOR for that pool.

This listing is by pool, and indicates the operator's lease name, well number, well location, allowed gas, determined by multiplying the pool GOR limit times the top pool allowable times the number of days in the month, and produced gas in a volume of gas produced over the allowed gas.

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This has been further broken down by the Commission's Districts, and the totals are as follows:

District 1, there are 278 wells. The excess gas in District 1 is 1,967,572 MCF.

District 2, 16 wells, 110,116 MCF.

District 3, 6 wells, 81,720 MCF. The total for the southeast, 294 wells, 2,077,688 MCF, and 6 wells for the northwest with 81,720.

Q Now, this amounts to nine and a half percent of the southeast casing-head gas and the 9.2 percent of the northwest casing-head gas?

MR. NUTTER: How much of the southeast?

THE WITNESS; Nine and a half percent.

A Now, these figures were taken from the statistical books of New Mexico Oil and Gas Engineering Committee which were compiled and edited by the New Mexico Oil Conservation Commission.

And the month of February, 1971 was used since this was the latest available information when this exhibit was prepared.

Q (By Mr. Hatch) Would these figures that are furnished the New Mexico Oil Conservation Commission which are used in a preparation of this book, are those from forms that are required to be filed with the Commission in the regular conduct of its affairs?

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A Yes. These are taken from the Form C-115 that the operator's must file monthly.

Q And then this statistical book you are speaking of is used by the Commission?

A Yes, it is.

Q All right. Would you take one well at the top of your first exhibit here and go through the meaning of those figures?

A Okay.

Q Say, from the North Bagley Penn Pool, that one well.

A All right. We have the North Bagley Penn Pool. The operator is Tipperary Resources.

The well is the Dolly No. 1, located in Unit J of Section 17, Township 11 South, Range 33 East. The allowed gas is 25,424 MCF. The produced, 27,607 MCF and the difference between the two figures is 2,183 MCF.

Q All right. The 25,424 allowed, what you mean by that is taking the GOR from a pool of 2,000 and multiplying it times the top allowable?

A The top allowable for the pool.

Q And you do not mean that the 2,183 is illegal gas?

A No. This would not be at this time. At this time it would not be illegal gas. I am assuming that the allowable that we set for the well was such that it would allow this gas, and the gas production has just increased since

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the last GOR test.

MR. NUTTER: In other words, this was gas that was produced while the well was making its legal oil allowable?

THE WITNESS: Right.

MR. NUTTER: And under Paragraph 4 it is legal gas?

THE WITNESS: Right.

Q (By Mr. Hatch) In this Exhibit 1 it shows all of the wells that in February produced what you have defined as excess gas?

A Right. Now, the allowed gas is the pool -- gas-oil ratio limit times top allowable times twenty-eight days in February.

Q Would you continue. Go ahead with your --

A Would you please refer to Exhibit 2. This is a similar listing to Exhibit 1, except this is done on a lease basis, and in this case the allowed gas is the per-well allowed gas times the number of wells on the lease, and the produced gas is the actual gas produced from the lease.

In other words, this is done on a lease basis rather than on a per-well basis. I think probably if you would look at about the eighth well, this is the first one that shows up, Tenneco Oil Company, Jack Markham and the Bough Permo Penn.

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There are two wells on the lease, and instead of a per-well allowable or per-well allowed gas would be 17,976. Well, that is not quite right. I don't know what the top allowable is, but anyway, the allowed gas for two wells on the lease would be 33,824. The per-well would be 16,912.

And that is the only change. The totals on this District 1, 128 leases, the total overrange on a lease basis would be 1,208,971, District 2, eight leases, 85,401, grand total of southeast of 136 leases, 1,294,372 MCF.

District 3, four leases, 66,208. This amounts to around six percent of the southeast casing-head gas and around seven and a half percent of the lower northwest casing-head gas.

Q What do you consider the worst aspect of this Rule?

A I think the worst aspect of the Rule is due to the fact that if a well makes any oil at all it must be considered an oil well, and it must be given an oil allowable, so in effect, you could have a well that would, say, have a ratio of -- it might make three barrels of oil and four and a half million cubic feet of gas on tests, and the most we could cut this well would be to one barrel, and it is producing at a ratio of a million and a half, so it would be authorized to produce a million and a half

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cubic feet of gas, which is top well.

For an example, in March, there was one well in the Drinkard that had an assigned oil allowable of thirty-one barrels. The well produced thirty barrels of oil and 58,307,000 cubic feet of gas, which is a producing ratio of 1,943,000 cubic feet per barrel.

And so it is essentially -- it is authorized to produce 1,943,000 cubic feet every day, which the top allowable well in the Drinkard Pool could produce only 284,000 cubic feet.

Q All right, sir. Assuming that the gas wells in your Exhibit 1 and the leases in Exhibit 2 are actually producing as you have testified and as shown on those two exhibits, do you have an opinion as to whether underground waste is occurring as defined in Section 65-3-3 of the New Mexico Statute Annotated?

A Yes. I am sure it is.

Q You do have an opinion and your opinion is that the underground waste is occurring?

A Yes. I think the withdrawal of excess gas from these high ratio wells and from wells that are authorized to produce it where the ratio has increased, is creating waste.

Q How does it create waste?

A Well, gas, in most reservoirs is the source of energy.

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It is the expansion of the gas and the gas coming out of the solution that drives the well or drives the oil to the well, and from there it is recovered.

If this gas is dissipated from these high ratio wells or from wells on top of the structure, well, then, the gas isn't allowed to do its work, and the oil will be lost.

Q All right. Have you also prepared an exhibit showing comparative reservoir voidages between high and low gas-oil ratio wells?

A Yes, I have. This is Exhibit 3. I have some small copies of this which I guess have been passed out, but for illustrative purposes, I have converted the same information. This is --

Q Would you identify these, rather as, say, 3A, 3B and 3C?

A Yes. I will.

Q And identify the 3A for the Examiner, please?

A Well, 3 is an exhibit entitled "MCF of Reservoir Voidage." And it lists three types of wells from three different pools in southeast New Mexico.

I used the Drinkard Pool and the Monument Pool and Hobbs Pool for illustrative purposes. What I did in this case was to take a top allowable well from each of these pools, assuming a top allowable well is producing at the maximum gas-oil ratio, which is 2,000 in the Drinkard and

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the Monument is 3,000 and the Hobbs Pool is 3500.

And then taking these produced volumes and standard conditions, I converted them to reservoir conditions, and in Figure 1 would be a figure of MCF of reservoir voidage.

Now, this information is all compiled on number three, and 3A will cover the Drinkard Pool only.

In the first case you have a top allowable oil well producing at maximum pool GOR, or for the month of March, which again, was the latest available figures when I prepared this, this could produce 4,402 barrels per oil.

8408 MCF of gas converts this to reservoir conditions. This well would void 468 MCF of reservoir space.

Now, this is the maximum oil and maximum gas for one fair share of the reservoir for that month.

Now, for the second example, I used a hypothetical one, a well barely producing at the maximum GOR pool limit, so in this case you would have thirty-one barrels of oil and 8804 MCF of gas.

The gas volume is the same. The only difference is in the oil. This would be high ratio. We will cut back to the limiting GOR times the top pool allowable.

Q The lease well would be assigned in that pool?

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A Right. Under the rule revision.

Q And it would void 439 MCF of reservoir space, so we can see in this case there is just a small difference in reservoir voidage?

MR. NUTTER: Were those colors drawn to scale?

THE WITNESS: Yes, they are drawn to scale.

A Now, we will take this as a natural case. The one-barrel well which I referred to awhile ago which produced 58,307,000 MCF of gas, this well voided 2908 MCF of reservoir space which is six times over what I would consider the legal and allowed volume, or what would be the legal allowed volume if this paragraph 2 is removed.

Q Now, you have not prepared that for all wells in that pool?

A No.

Q All right.

A This is the extreme, of course, and this is a situation that could exist. It probably does exist at this time in the Hobbs Pool.

We probably have wells which are producing top allowable and right at the limiting gas-oil ratio and possibly in the Monument.

I didn't look to make sure, but I feel certain that this could exist. It has existed. It probably did exist in the Drinkard and has existed and will exist in

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other reservoirs in the State.

In the Monument Pool, your first well is the top allowable, similar to this, first allowed 24,008 oil and 7440 MCF gas. It would void 302.

Your one barrel restricted gas well would void 285 MCF, and here again, an actual case, one barrel of oil, 49,895 MCF of gas, voided 1,915 MCF of reservoir space, which is in excess of six times what a top allowable maximum GOR well is allowed to void.

Your Hobbs Pool, information is basically the same. The first well, 372 MCF reservoir space. Your second well, the restricted gas well would produce 355 MCF of reservoir space or void.

In this case I didn't have a one-barrel well in the Hobbs Pool, so I took the maximum gas producing well in this Hobbs Pool.

This case it produced at the rate of 27.3 barrels of oil per day and 29,011 MCF of gas for the month.

In this case, this well voided 1,191 MCF of reservoir space, which is something over three times what a top allowable maximum GOR well could produce.

Q All right. Assuming that certain wells do have the production and voidage characteristics that you have shown on these exhibits, do you have an opinion as to whether correlative rights, as defined in Section 65-3-29

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of the New Mexico Statutes Annotated are being violated?

A Yes. I think your one-barrel well as shown in the number three wells on each of the three exhibits up there are voiding from three to six times what they should in a reservoir.

Well, the correlative rights are being violated by people who don't have a well of this nature.

Q Okay. You are stating that you think that certain of these wells are getting more than their fair share of the reservoir?

A Yes. They are. Up to six times more.

Q All right. You have testified that it is your opinion that waste is occurring and correlative rights are being violated as the Rules are now being administered.

Do you have any recommendations for correction of this situation to make?

A Well, I have thought of four possibilities which could be done. First would be a monthly GOR test. We could force the operator to test all their wells monthly, but this would be expensive to the operator, and it would not take care of the one-barrel high ratio wells.

You would still have that problem, so that is not a cure-all. The second would be a general state-wide gas well definition.

But I think this would be rather difficult to do,

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because we have pool rules in existence at this time, special pool rules which define gas wells anywhere from the range of 25,000 cubic feet per barrel up to 100,000 cubic feet per barrel, and we even have one that I know of where a gas well is classified on the gravity of the liquids only.

And the third possibility would be special pool rules for each pool where you would set up a gas well classification, but that would be a tremendous job.

And so the fourth, which is what we propose here is the rule revision to do away with the Sub-Paragraph 4.

Q All right. The recommendation you are really making, then, to the Examiner is that Rule 506 be amended by deleting that Sub-Paragraph 4?

A Yes.

Q And do you foresee any administrative problems?

A Well, I am sure there will be administrative problems. I have thought about this, you know, how to enforce it. I thought, you know, this could be turned over to the purchaser like all oil.

Say the purchaser doesn't buy any more gas than what is legal. But I don't think that is practical, and I think it is -- well, there is a possibility in the industry he could make a study of this and come up with the

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recommendations, but my recommendations at this time would have to be something where everybody would have to work together, producer and the purchaser would have to work together.

Now, if it is set up on a lease basis, the producer and purchaser could get together, look at the gas chart and the purchaser said, "Okay. When your differential point reaches a certain point, you have reached your maximum legal gas, so it is your responsibility to keep it at that point or below."

I have checked with our main accounting department, and they have advised me that they can furnish me monthly with a list of our overproduced gas wells, or not gas wells, but casing-head wells or wells producing casing-head gas, which would produce over the allowed gas.

This can be done either on a well basis or a lease basis, and I would propose that -- I think we could get by with this.

It would be a case of us perusing this list each month, and if a well is overproduced to a certain degree, why, the well could either be shut in or operator told to restrict the gas from the well, or if he doesn't, why, we can always fall back upon our penalty clause which calls for a thousand dollar fine for a violation.

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Q All right. Were Exhibits 1, 2, 3, 3A, 3B and 3C prepared by you or someone on the Commission staff --

A Yes, they were.

Q -- under your supervision?

A Yes, sir.

MR. HATCH: And I would like to move the introduction of those exhibits.

MR. NUTTER: They have been identified as OCC Exhibits 1 through 3A, 3B, through C. They will be admitted in evidence.

Q (By Mr. Hatch) Do you have anything further to add to your testimony?

A No, I don't.

MR. HATCH: That's all the questions I have.

MR. NUTTER: Does anyone have any questions of Mr. Ramey?

CROSS-EXAMINATION

BY MR. NUTTER:

Q Well, Mr. Ramey, although you suggested several different means of administering the Rule after the abolishment of Sub-Paragraph 4, it is your final recommendation, I understood, to simply accept a list of these wells that have produced more than their share of the casing-head gas and then try to work out some means of curtailing production the following month, then to make it up?

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Is that it?

A Right. Of course, the only bad aspect of this is that the figures I would get would be running about two months late, and so actually, a well could be, you know, overproduced on the sheet I get plus an additional month or more of production to where it could be considerably overproduced.

However, I think this can be made to work, and, you know, unless we can come up with something better, why, we can live with this.

Q It is your recommendation now that the Rule be revised and that this system of administering it be attempted?

A Yes.

Q And then in the event it doesn't work, that a possibility of an Industry Committee to study the problem or some other means of administering it be considered later?

A Right.

Q I see.

A Yes.

MR. NUTTER: Are there any further questions of Mr. Ramey? He may be excused.

(Witness Excused.)

MR. NUTTER: Do you have anything further, Mr. Hatch?

MR. HATCH: The Commission has received letters of

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inquiry, but not objecting. They have just been asking about the case, from Skelly and from Phillips.

I don't think it is necessary to enter them into the record.

MR. NUTTER: They weren't statements of position on them, then?

MR. HATCH: No.

MR. NUTTER: Does anyone have any --

MR. BAKER: Bob Baker, with Atlantic Richfield Company. We heartily support the elimination of Sub-Paragraph 4 of Rule 506 in the interest of preventing both economic and reservoir waste and in the interest of protecting correlative rights of all parties in a field.

We feel that this is a very important reservoir standpoint, and as such, we do heartily support this change as proposed.

MR. NUTTER: Thank you.

MR. BUELL: Mr. Examiner, I did not get to put anything. Guy Buell, with Amoco Production Company. We support the recommendation of Mr. Ramey and the staff, and we whole-heartedly deadly concur in his recommendations that the Commission be the enforcer of the rule after it is amended by its deletion.

We had experienced another jurisdiction where the Commission in that particular area designated the enforcement

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to -- in this case it was a gas plant, and it hasn't worked too satisfactorily at all.

It will take the cooperation of both the producers, the plant operators. It will ultimately be purchasers and everyone else, but we feel that the Commission should enforce its own rules.

MR. NUTTER: Thank you. Anyone else?

We will take the case under advisement.

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I N D E X

WITNESS	PAGE
JOE D. RAMEY	
Direct Examination by Mr. Hatch	2
Cross Examination by Mr. Nutter	18

E X H I B I T S

	Admitted
OCC's Exhibits 1, 2, 3, 3A, 3B, 3C	18

STATE OF NEW MEXICO)
)
COUNTY OF BERNALILLO)

I, Linda Malone, Court Reporter do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowlege, skill and ability.

Linda Malone
COURT REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 4552 heard by me on June 16, 1971.

Paul F. Kellahin, Examiner
New Mexico Oil Conservation Commission

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 4552
Order No. R-4159

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION COMMISSION UPON
ITS OWN MOTION TO CONSIDER THE AMENDMENT
OF RULE 506 OF THE COMMISSION RULES AND
REGULATIONS BY DELETING THEREFROM THE PROVI-
SION THAT ALL GAS PRODUCED WITH THE CURRENT OIL
ALLOWABLE DETERMINED IN ACCORDANCE WITH RULE 506
SHALL BE DEEMED TO HAVE BEEN LAWFULLY PRODUCED.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 16, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 25th day of June, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That subparagraph (2) of Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations provides that any unit containing a well or wells producing from a reservoir which contains both oil and gas shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool.

(3) That subparagraph (4) of Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations provides that

all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

(4) That as a result of the provision of the above-described subparagraph (4) many wells producing from reservoirs which contain both oil and gas are producing volumes of gas greatly in excess of the volumes of gas authorized by the above-described subparagraph (2).

(5) That the production of gas, from a unit containing a well or wells producing from a reservoir which contains both oil and gas, in excess of that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool causes waste and a violation of correlative rights.

That in order to prevent waste and protect correlative rights Rule 506 of the Commission Rules and Regulations should be amended by deleting therefrom subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

IT IS THEREFORE ORDERED:

(1) That effective July 1, 1971, Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations is hereby amended by deleting therefrom subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

Motion — as to wells which would otherwise be entitled to the benefits of 506(b)(4) and no flaring of gas. effective 1)

"Rule 506 (b)(4) be deleted, but enforcement of 506 (b)(2) be suspended as to those wells in pools where an Industry Study is being made with respect to the effect of waste, correlative rights + ultimate recovery of oil in good faith so long as such Study is diligently being prosecuted but for no longer than 9 months, subject to the right of the Commission to shorten the Study period where pool size, history or other characteristics indicate such a Study could be completed in such shorter period of time. each Industry Study Committee make monthly reports to the Commission as to progress of such Study. That the Commission retain jurisdiction in Case 4552 to enter such futher Orders as may be necessary or proper to properly regulate and enforce Rule 506."

10

Brief: 2 pts 1st)

2nd

Leave to File Brief on legal problems!

1) Rule 506 is per well
65-3-29(H) is per lease

Realize proration cannot "p...
...proration

(Case 4551 continued)

and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennsylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4554: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 and in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D, and F, respectively, of Section 27.

CASE 4555: Application of BTA Oil Producers for expansion of a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenence Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

CASE 4558: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Eddy and Chaves Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Aid-Morrow Gas Pool. The discovery well is Pennzoil United,

(Case 4553 continued)

Inc., Aid State No. 1 located in Unit A of Section 24, Township 17 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: N/2

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the East Terry-Blinebry Pool. The discovery well is Mark Production Company, Conoco Federal No. 2 located in Unit J of Section 30, Township 20 South, Range 39 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM
SECTION 30: SE/4

(c) Extend the Arrowhead-Grayburg Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 20: NW/4

(d) Extend the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 5: SE/4

(e) Extend the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 10: S/2

(f) Extend the Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 30: W/2 W/2

(g) Extend the Double L-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
SECTION 23: SE/4 SE/4

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 12: NW/4 NE/4

(h) Extend the Lea-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4

(i) Extend the South McCormack-Silurian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: NW/4

(j) Extend the Power Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: SW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 6: NW/4 NW/4

(k) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: SE/4

(l) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 13: NE/4
SECTION 15: S/2 SW/4
SECTION 23: W/2

(m) Extend the Northwest Vacuum-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4547: Application of Hanson Oil Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4548: Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefor, including a provision for 640-acre spacing units.

CASE 4549: Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt-San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4550: Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551: Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line

Docket No. 12-71

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 16, 1971

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

ALLOWABLE: (1) Consideration of the oil allowable for July and August, 1971;

(2) Consideration of the allowable production of gas for July, 1971, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for July, 1971; also presentation of purchaser's nominations for the six-month period beginning August 1, 1971, for that area.

CASE 4487: (De Novo) This case will be continued to the August 18, 1971, Regular Hearing.

Application of Pennzoil United, Inc., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Strawn formation underlying the W/2 of Section 6, Township 23 South, Range 27 East, South Carlsbad-Strawn Gas Pool, Eddy County, New Mexico, said acreage to be dedicated to the Morris R. Antweil Joell Well No. 1 located 660 feet from the North line and 1980 feet from the West line of said Section 6. Also to be considered will be the cost of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

Upon application of Pennzoil United, Inc., this case will be heard De Novo under the provisions of Rule 1220.

CASE 4503: (De Novo)
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico, to a bottom hole-location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom hole location over other producers.

SKELLY OIL COMPANY

P. O. BOX 1650
TULSA, OKLAHOMA 74102

LAW DEPARTMENT
GEORGE W. SELINGER
SENIOR ATTORNEY

June 2, 1971

'71 Jun 7 AM 9 34

Mr. George M. Hatch, General Counsel
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Hatch:

At the hearing set June 16, 1971 in Santa Fe, the OCC on its own motion will consider amending Rule 506 (4) of its rules and regulations by deleting the provision:

> "All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

We are wondering why this particular provision is being deleted, since it appears to us that as long as an operator produces his gas in accordance with the rule that such operator should be reassured that the gas produced with the oil is lawful. It might be that there is a logical explanation, but we fail to see it and we think an operator should have such assurance as long as he is in compliance with the rule.

Yours very truly,

George W. Selinger

GWS:br

OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

June 7, 1971

file - Case 4552

Mr. George W. Selinger
Skelly Oil Company
Post Office Box 1650
Tulsa, Oklahoma 74102

Dear George:

Mr. George Hatch has referred your letter to me, but at the outset I want to make one thing perfectly clear, and that is that you are prohibited from using my letter as testimony in the case.

If you will read Rule 506 you will notice that sub-paragraphs 2 and 4 are an apparent contradiction. As I understand it, a witness from the Commission staff will recommend that sub-paragraph 4 be eliminated.

In computing oil allowables for high GOR wells, any fraction of a barrel is considered a full barrel. Thus, as in the Monument Pool with a GOR limit of 3,000 to 1, a well with a GOR of 1,125,000 to 1 is assigned a full barrel allowable. Under the rule that says "all gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced", this well can produce 1,125,000 cubic feet of casinghead gas per day instead of being limited to 30 times 80 or 240,000 cubic feet per day which is more than four times the amount of gas it could produce if restricted to the provisions of sub-paragraph 2.

Another factor that must come under consideration is that a well tested on January 1 with a ratio of 3,000 to 1 may by the next testing date be producing at a rate many times in excess of that reflected on the January 1 test.

COPY

OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

-2-
Mr. George W. Selinger
Skelly Oil Company
Tulsa, Oklahoma

June 7, 1971

These are some of the things that will be discussed at the hearing and it is hoped that there will be generous participation in the discussions by the operators. We recognize that there may be other means of obtaining the same results. It does appear that under present regulations some wells are allowed to dissipate a disproportionate share of reservoir energy.

We welcome your participation in the hearing.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

COPY

ALP/ir

LAW OFFICES OF
JENNINGS, CHRISTY & COPPLE
1012 SECURITY NATIONAL BANK BUILDING
P. O. BOX 1180
ROSWELL, NEW MEXICO 88201

JAMES T. JENNINGS
SIM B. CHRISTY IV
ROGER L. COPPLE
BRIAN W. COPPLE

TELEPHONE 622-8432
AREA CODE 505

July 9, 1971

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mrs. Ida Rodriquez

Re: OCC Case 4552

Dear Ida:

Returned herewith is the Transcript of Hearing on the captioned which you were kind enough to loan to us.

We thank you for the use of the enclosure.

Respectfully,

JENNINGS, CHRISTY & COPPLE

By S. B. Christy IV

SBC:pv
Encl.
cc: (w/xerox copy of Transcript)
MKA Oil Properties

LAW OFFICES OF
JENNINGS, CHRISTY & COPPLE
1012 SECURITY NATIONAL BANK BUILDING
P. O. BOX 1180
ROSWELL, NEW MEXICO 88201

JAMES T. JENNINGS
SIM B. CHRISTY IV
ROGER L. COPPLE
BRIAN W. COPPLE

TELEPHONE 622-8432
AREA CODE 505

September 8, 1971

Mrs. Ida Rodriguez
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Case 4552

Dear Mrs. Rodriguez:

Thank you for mailing us a copy of the Transcript of hearing of June 16 on the captioned, and we are herewith returning the same.

Yours very truly,

Peggy Voigt

(Mrs.) Peggy Voigt
Secretary to Mr. S. B. Christy IV

Enclosure

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 1
DISTRICT I NO. -4552 FEBRUARY 1971

BEFORE EXAMINER NUTTER
CASE NO.

POOL		ALLOWED	PRODUCED	OVER
BAGLEY PENN-NORTH				
Tipperary Resources				
Dolly 1-J	17-11-33	25424	27607	2183
Warren A-State 1-I	28-11-33	25424	31444	6020
BLINEBRY				
Acomo Oil Corp.				
S. J. Sarkey B 1-B	26-21-37	17976	22322	4346
J. R. Cone				
Eubanks 3-K	14-21-37	17976	18740	764
Continental Oil Co.				
Hawk B-10 10-C	10-21-37	17976	20175	2199
Lockhart A-27 11-H	27-21-37	17976	22791	4815
J. H. Nolan 3-K	11-21-37	17976	19752	1776
State 10 2-E	10-21-37	17976	22625	4649
Getty Oil Co.				
S. J. Sarkeys 2-D	26-21-37	17976	18656	680
State S 7-D	15-21-37	17976	20951	2975
D. A. Williamson 3-F	23-21-37	17976	19319	1343
John L. Hendrix				
Danglade 2-A	24-22-37	17976	35316	17340
Marathon Oil Company				
J. L. Muncy 4-H	24-22-37	17976	19804	1828
Shell Oil Co.				
Grizzell 6-I	8-22-37	17976	22909	4933
Sarkeys 1-M	23-21-37	17976	21165	3189
Sun Oil Co.				
State Land 15 3-O	16-21-37	17976	25615	7639
BOUGH PERMO PENN				
Coquina Oil Corp.				
Federal 13 1-D	13-9-35	16912	21092	4180
Tenneco Oil Co.				
Jack Markham 1-O	11-9-35	16912	20115	3203
Jack Markham 2-P	11-9-35	16912	18428	1516
		33824		
BRUNSON ELLENBURGER				
Marathon Oil Co.				
L. G. Warlick 5-O	15-21-37	10472	15519	5047
CATO SAN ANDRES				
Amoco Prod. Co.				
Crosby H 1-E	9-8-30	4480	7330	2850
Crosby A Fed. 1-P	8-8-30	4480	8991	4511
Eugene E. Nearburg				
Skinner Fed. 1-A	8-8-30	4480	6081	1601
Union Texas Petroleum				
Baskett 2-E	11-8-30	4480	8201	3721
Baxter Fed. 4-H	8-8-30	4480	5409	929
Baxter Fed. 5-J	8-8-30	4480	5409	929
Baxter Fed. 6-G	8-8-30	4480	4977	497
Crosby 6-P	9-8-30	4480	11213	6733
Crosby 8-F	9-8-30	4480	9344	4864
Crosby 9-L	9-8-30	4480	9716	5236

POOL		ALLOWED	PRODUCED	OVER
CHAVEROO SAN ANDRES (ROOSEVELT)				
Midwest Oil Corp.				
Morgan Fed. Tr. 3 B	7-P 14-7-33	4480	4490	10
DOUBLE L QUEEN				
Amoco Prod. Co.				
State EK 1-N	25-14-29	4480	5300	820
DRINKARD				
Amerada Division-Amerada Hess Corp.				
H. Corrigan 5-G	4-22-37	7952	9387	1435
State DA 2-K	16-21-37	7952	15489	7537
E. W. Walden 4-L	16-21-37	7952	8571	619
Amoco Prod. Co.				
St. C Tr. 12 4-F	16-21-37	7952	8138	186
Atlantic Richfield Co.				
S. J. Sarkeys 2-O	23-21-37	7952	8544	592
Continental Oil Co.				
Hawk A 3-E	9-21-37	7952	10648	2696
Hawk A 6-G	8-21-37	7952	8626	674
Hawk B-1 8-O	9-21-37	7952	8587	635
Lockhart A-27 5-A	27-21-37	7952	24026	16074
Lockhart A-27 9-E	27-21-37	7952	11989	4037
Lockhart A-27 11-H	27-21-37	7952	10350	2398
Lockhart A-35 3-C	35-21-37	7952	14400	6448
State 10 3-D	10-21-37	7952	8882	930
Getty Oil Co.				
S. J. Sarkeys 2-D	26-21-37	7952	9359	1407
State S 1-D	15-21-37	7952	9181	1229
Gulf Oil Co.				
Central Drk. Ut. 108-H	29-21-37	7952	47160	39208
Central Drk. Jt. 116-L	28-21-37	7952	19040	11088
Harry Leonard NCT-E 2-H	16-21-37	7952	15785	7833
Harry Leonard NCT-E 3-B	16-21-37	7952	12643	4691
Hanson Oil Corp.				
Max Gutman 2-L	19-22-38	7952	9294	1342
Max Gutman 5-N	19-22-38	7952	17425	9473
Harper Oil Co.				
Sarkeys 1-G	26-21-37	7952	37311	29359
John L. Hendrix				
J. L. Greenwood 8-K	9-22-37	7952	12200	4248
J. L. Greenwood 9-J	9-22-37	7952	16234	8282
J. L. Greenwood 10-P	9-22-37	7952	17400	9448
Karoles 1-L	23-22-37	7952	8047	95
S. E. Long 2-J	11-22-37	7952	26273	18321
M. E. Wantz 5-K	21-21-37	7952	12100	4148
M. E. Wantz 12-M	12-21-37	7952	9224	1272
Mobil Oil Corp.				
Marshall Com 2-F	34-21-37	7952	15993	8041
E. F. Moran, Inc.				
E. M. Elliott 1-E	35-21-37	7952	8942	990
Phillips Oil Co.				
Sims 2-E	24-22-37	7952	23286	15334
Shell Oil Co.				
Argo 1-M	15-21-37	7952	13985	11433
Livingston 1-S	3-21-37	7952	10432	2480
Turner 1-P	22-21-37	7952	14818	6866
Turner 12-K	22-21-37	7952	8913	961

POOL			ALLOWED	PRODUCED	OVER	
DRINKARD						
Sohio Oil Co.						
Penrose 4-E	9-22-37		7952	8498	546	
Sun Oil Co.						
Elliott A 1-A	21-21-37		7952	25213	17261	
Elliott A 2-H	21-21-37		7952	14805	6853	
Texas Pacific Oil Co., Inc.						
Boyd Y 2-H	23-22-37		7952	11450	3498	
Boyd 5-B	23-22-37		7952	10743	2791	
S. E. Cone 1-J	26-21-37		7952	8382	430	
Elliott A-15 2-J	15-22-37		7952	8283	331	
Elliott B-9 3-D	9-22-37		7952	20979	13027	
Elliott B-15 4-A	15-22-37		7952	27285	19333	
Bruce A. Wilbanks						
Brunson C 4-J	3-22-37		7952	10568	2616	
Brunson C 5-O	3-22-37		7952	10484	2532	
Brunson C 6-I	3-22-37	March 30 oil	7952 8804	48242 58,307	40290	50,303
Brunson C 7-P	3-22-37		7952	10141	2189	
Wolfson Oil Co.						
Grizzell 2-P	5-22-37		7952	22520	14568	
Thomas Long 2-M	11-22-37		7952	30350	22398	
Thomas Long 1-N	11-22-37		7952	8130	178	
Thomas Long 3-K	11-22-37		7952	9875	1923	
Thomas Long 4-L	11-22-37		7952	29950	21998	
Guy R. Zachry						
Downes 2-C	5-22-37		7952	10884	2932	
L. E. Grizzell 3-A	8-22-37		7952	11535	3583	
EUNICE G-SA						
Amerada Division-Amerada Hess Corp.						
State W 1-H	30-20-37		13440	21819	8379	
EUNICE SOUTH 7-R QUEEN						
Cities Service Oil Co.						
State H 1-A	17-22-36		22400	38890	16490	
Texas Pacific Oil Co., Inc.						
State A a/c2 50-A	9-22-36		22400	30322	7922	
State A a/c-2 14-B	11-22-36		22400	30161	7761	
Wolfson Oil Co.						
State H 3-B	17-22-36		22400	35302	12902	
State H 4-G	17-22-36		22400	23535	1135	
FOWLER DEVONIAN						
Gulf Oil Co.						
S. J. Carr 6-L	10-24-37		10472	18029	7557	
J. R. Holt NCT-A 3-G	16-24-37		10472	12203	1731	
HOBBS DRINKARD						
Amerada Division-Amerada Hess Corp.						
State A 5-A	32-18-38		18648	27317	8669	
HOBBS EAST SAN ANDRES						
Martindale Petroleum						
D. F. Fergason 1-H	30-18-39		4480	7343	2863	
HOBBS G-SA						
Amerada Division-Amerada Hess Corp.						
State A 1-B	32-18-38		7840	15430	7590	
Amoco Prod. Co.						
Byers B 8-B	4-19-38		7840	8440	600	
Byers B 11-A	4-19-38		7840	8330	490	
Byers B 26-H	4-19-38		7840	8460	620	

POOL		ALLOWED	PRODUCED	OVER
HOBBS G-SA				
Amoco Prod. Co.				
Byers B 33-C	4-19-38	7840	26188	18348
McKinley 1-C	5-19-38	7840	8838	998
McKinley 29-E	5-19-38	7840	7967	127
State A 12-P	4-19-38	7840	7965	125
Chevron Oil Co.				
State 1-29 3-P	29-18-38	7840	11449	3609
Continental Oil Co.				
State A-33 4-J	33-18-38	7840	15116	7276
State A-33 5-O	33-18-38	7840	17589	9749
State A-33 7-G	33-18-38	7840	10705	2865
Marathon Oil Co.				
St. Land Sec. 30 2-N	30-18-38	7840	9700	1860
St. Land Sec. 30 9-M	30-18-38	7840	13361	5521
St. Sec. 32 2-P	32-18-38	7840	13481	5641
St. Sec. 32 3-I	32-18-38	7840	9196	1356
St. Sec. 32 4-J	32-18-38	7840	13615	5775
Samedan Oil Corp.				
Moon B 1-H	28-18-38	7840	9872	2032
Moon B 2-A	28-18-38	7840	8411	571
Shell Oil Co.				
Grimes 1-M	28-18-38	7840	9964	2124
Grimes 3-K	28-18-38	7840	10819	2979
State A 4-G	32-18-38	7840	11399	3559
State B 1-D	33-18-38	7840	12895	5055
State B 2-C	33-18-38	7840	10801	2961
Skelly Oil Co.				
B. H. Turner 1-F	34-18-38	7840	8395	555
Sun Oil Co.				
H. D. McKinley 1-A	5-19-38	7840	18258	10418
Texaco, Inc.				
N.M. DD B C St. 4-B	25-18-37	7840	9267	1427
JALMAT YATES 7-R				
Gulf Oil Co.				
J. F. Janda NCT-F 8-C	4-22-36	22400	53002	30602
JUSTIS BLINEBRY				
Amerada Division-Amerada Hess Corp.				
Ida Wimberly 17-C	25-25-37	17976	57384	39408
Continental Oil Co.				
State A 2 2-J	2-25-37	17976	32043	14067
Getty Oil Co.				
A. B. Coates C 14-G	24-25-37	17976	20334	2358
A. B. Coates C 27-K	24-25-37	17976	20841	2865
Gulf Oil Co.				
Arnott Ramsay NCT-F 5-A	36-25-37	17976	23785	5809
Learcy McBuffington 5-J	13-25-37	17976	23827	5851
Shell Oil Co.				
State JM L-B	2-25-37	17976	25009	7033
State JP 1-C	2-25-37	17976	22921	4945

POOL		ALLOWED	PRODUCED	OVER
JUSTIS BLINEBRY				
Texaco, Inc.				
L. Erwin B Fed. 2-J	35-24-37	17976	20080	2104
L. Erwin B Fed. 3-I	35-24-37	17976	20077	2101
C. C. Fristoe B Fed. 13-O	26-24-37	17976	19327	1351
Texas Pacific Oil Co., Inc.				
Langlie B 2-H	11-25-37	17976	23581	5605
Wimberly 2-A	23-25-37	17976	21577	3601
Wimberly 3-H	23-25-37	17976	18575	599
Union Texas Petroleum				
Carlson A 3-N	25-25-37	17976	20674	2698
Langie B 1-P	14-25-37	17976	29351	11375
JUSTIS FUSSELMAN				
Getty Oil Co.				
A. B. Coates D 2-N	24-25-37	10472	10499	27
JUSTIS MONTOYA				
Getty Oil Co.				
A. B. Coates C 22-B	24-25-37	10472	11689	1217
JUSTIS TUBB DRINKARD				
Atlantic Richfield Co.				
Wimberly WN 4-E	24-25-37	5992	10125	4533
Getty Oil Co.				
A. B. Coates C 14-G	24-25-37	5992	11426	5434
A. B. Coates D 2-N	24-25-37	5992	11271	5279
Shell Oil Co.				
State JM 1-B	2-25-37	5992	10539	4547
State JP 1-C	2-25-37	5992	6837	845
Texas Pacific Oil Co., Inc.				
Wimberly 3-H	23-25-37	5992	7619	1627
KEMNITZ LOWER WOLFCAMP				
Tenneco Oil Co.				
Kemnitz WC Ut. 28-K	30-16-34	25424	40126	14702
MONUMENT BLINEBRY				
Gulf Oil Co.				
G. C. Matthews 11-I	6-20-37	5992	32266	26274
John L. Hendrix				
Cooper B 10-D	7-20-37	5992	7500	1508
MONUMENT G-SA				
Amerada Division-Amerada Hess Corp.				
W. P. Byrd 2-G	12-20-36	6720	8232	1512
W. P. Byrd 5-F	12-20-36	6720	10955	4235
M. E. Gaither 1-I	34-19-36	6720	17086	10366
J. R. Phillips A 2-H	31-19-37	6720	7562	842
State D 3-F	1-20-36	6720	14836	8116
State J 1-O	2-20-36	6720	13158	6438
State J 2-J	2-20-36	6720	7032	312
State J 3-K	2-20-36	6720	12574	5854
State M 1-F	2-20-36	6720	13666	6946
State S 1-N	2-20-36	6720	13103	6383
State S 2-M	2-20-36	6720	9589	2869

POOL		ALLOWED	PRODUCED	OVER
MONUMENT G-SA				
Amerada Division-Amerada Hess Corp.				
W. A. Weir 4-F	35-19-36	6720	17090	10370
W. A. Weir 6-C	35-19-36	6720	6954	234
W. A. Weir 8-D	35-19-36	6720	11555	4835
State I 1-C	2-20-36	6720	13356	6636
Atlantic Richfield Co.				
William P. Byrd 3-K	11-20-36	6720	14290	7570
William P. Byrd 4-F	11-20-36	6720	9631	2911
J. R. Phillips B 1-C	31-19-37	6720	17057	10337
Cities Service Oil Co.				
Laughlin 1-J	5-20-37	6720	8293	1573
Reed A-3 1-A	3-20-36	6720	7923	1203
Millard Deck				
Anderson 9-F	17-20-37	6720	14098	7378
Getty Oil Co.				
State H 1-L	32-19-37	6720	7856	1136
Gulf Oil Co.				
Theodore Anderson 2-C	17-20-37	6720	32223	25503
Theodore Anderson 7-H	17-20-37	6720	31038	24318
Graham NCT-C 1-J	24-19-36	6720	9790	3070
Graham St. NCT-C 5-B	24-19-36	6720	10217	3497
Graham St. NCT-C 6-O	24-19-36	6720	8853	2133
G. C. Matthews 5-J	6-20-37	6720	8682	1962
Bertie Whitmire 1-G	8-20-37	6720	16659	9939
Bertie Whitmire 3-F	8-20-37	6720	28140	21420
John L. Hendrix				
Cooper 8 8-P	12-20-36	6720	25083	18363
Cooper B 5-I	12-20-36	6720	21400	14680
Alaska Cooper 1-A	12-20-36	6720	32279	25559
Alaska Cooper 2-E	12-20-36	6720	32200	25480
Gillully A Fed. 1-M	8-20-37	6720	29332	22612
Patsy 1-B	18-20-37	6720	10806	4086
State H-17 1-E	17-20-37	6720	8568	1848
State H-17 2-D	17-20-37	6720	34100	27380
Marathon Oil Co.				
Bertha Barber 1-M	32-19-37	6720	13524	6804
Bertha Barber 3-N	32-19-37	6720	11622	4902
McGrail St. 2-K	26-19-36	6720	10433	3713
W. H. Laughlin 2-F	9-20-37	6720	7169	449
MKA Oil Properties				
N. M. F State 2-N	17-20-37	6720	19198	12478
N. M. F State 4-M	17-20-37	6720	9105	2385
Phillips Oil Co.				
Culp 1-D	19-19-37	6720	7707	987
Mexico 2-G	18-20-37	6720	22357	15637
Mexico 3-H	18-20-37	6720	24279	17559
Shell Oil Co.				
Foster 1-P	34-19-36	6720	9698	2978
Sun Oil Co.				
W. B. Maveety 6-B	35-19-36	6720	8279	1559
Fstate of Fred Turner, Jr.				
State A 1-L	2-20-36	6720	19142	12422

POOL		ALLOWED	PRODUCED	OVER
MONUMENT G-SA				
Union Texas Petroleum				
Britt 5-K	7-20-37	6720	11072	4352
State A 2-E	2-20-37	6720	19699	12979
Bruce A. Wilbanks				
Wood State A 1-C	16-20-37	6720	35452	28732
Wolfson Oil Co.				
Laughlin 2-O	5-20-37	6720	47225	40505
Laughlin 3-P	5-20-37	6720	13171	6451
Laughlin 4-A	5-20-37	6720	14852	8132
N.M. D State 1-H	20-19-37	6720	7963	1243
N.M. E State 2-E	21-19-37	6720	24460	17740
MONUMENT TUBB				
Continental Oil Co.				
Britt B 10-F	15-20-37	12432	13137	705
Britt B 12-E	15-20-37	12432	16396	3964
Semu Tubb 88-F	14-20-37	12432	27740	15308
PADDOCK				
Gulf Oil Co.				
J. N. Carson NCT-C 5-A	33-21-37	5992	11797	5805
Humble Oil & Refining Co.				
Paddock Ut. 87-O	10-22-37	5992	12217	6225
Mobil Oil Co.				
J. N. Carson 1-H	33-21-37	5992	9225	3233
Marshall Com 6-E	34-21-37	5992	9874	3882
PADUCA DELAWARE				
Texaco, Inc.				
Cotton Draw Ut. 15-D	21-25-32	4480	5177	697
Cotton Draw Ut. 26-H	21-25-32	4480	4559	79
Cotton Draw Ut. 57-P	21-25-32	4480	4581	101
RHODES YATES				
El Paso Natural Gas Company				
Moberly C 11-P	20-26-37	22400	26642	4242
SAWYER SAN ANDRES				
Atlantic Richfield Co.				
Carruth WN Fed. 2-J	25-9-37	4480	4701	221
Ralph S. Cooley				
Brown 35 1-P	13-9-37	4480	13948	9468
Byers 59 1-M	30-9-38	4480	11868	7388
Gandy 59 1-E	28-9-38	4480	5340	860
Mobil Oil Co.				
McCormick Fed 1-E	29-9-38	4480	4677	197
McCormick B Fed 1-M	29-9-38	4480	6992	2512
Ohio Fed. 1-B	30-9-38	4480	14780	10300
Pearson Sibert Oil Co. of Texas				
Sinclair Fed. 2-B	5-10-38	4480	11042	6562
Union Fed. 1-C	5-10-38	4480	5193	713

POOL		ALLOWED	PRODUCED	OVER
SAWYER SAN ANDRES				
Western Drilling Co.				
Grt. West. Fed. 1-M	28-9-38	4480	5434	954
Grt. West. B Fed. 1-I	30-9-38	4480	14552	10072
Gulf Fed. 1-O	29-9-38	4480	5041	561
McDermott Fed. 1-F	30-9-38	4480	15285	10805
Toles Fed. 1-H	13-9-37	4480	5098	618
SKAGGS DRINKARD				
Continental Oil Co.				
C. H. Weir 8-F	12-20-37	7952	9009	1057
C. H. Weir 11-G	12-20-37	7952	9041	1089
M. B. Weir B 7-M	12-20-37	7952	14608	6656
SKAGGS GRAYBURG				
AmeradaDivison-Amerada Hess Corp.				
Fred Turner Jr. A 5-G	18-20-38	4480	4834	354
Continental Oil Co.				
Semu Permian 37-J	24-20-37	4480	8699	4219
TERRY BLINEBRY				
Continental Oil Co.				
Lockhart B-14 A 1-H	14-21-37	17976	31121	13145
TUBB OIL				
Continental Oil Co.				
Hawk B-1 5-K	9-21-37	7952	13095	5143
State 10 3-D	10-21-37	7952	22402	14450
Mabee Royalties				
Belcher 1-M	7-22-38	7952	9436	1484
VACUUM ABO REEF				
Phillips Petroleum Co.				
Vac. Abo Ut. 2-E	4-18-35	13440	16567	3127
Vac. Abo Ut. 4-B	4-18-35	13440	53550	40110
Vac. Abo Ut. 79-E	26-17-35	13440	16039	2599
Texaco, Inc.				
N. M. AE State 4-F	12-18-34	13440	13698	258
VACUUM YATES				
Mobil Oil Co.				
State M 7-E	34-17-35	4480	4537	57
VADA PENN (LEA)				
BTA Oil Producers				
Cash 691 Ltd 1-L	9-9-36	21392	24043	2651
Cinco 688 Ltd. 1-N	1-9-35	21392	28684	7292
Coll 694 Ltd. 1-F	8-9-35	21392	39568	18176
Davis 687 Ltd. 1-D	9-9-36	21392	25501	4109
Feather 688 Ltd. 1-J	1-9-35	21392	30610	9218
Hugo 693 Ltd. 2-L	15-9-35	21392	25372	3980
Humble State 2-I	16-9-35	21392	41150	19758
Intex 692 Ltd. 1-L	8-9-35	21392	48320	26928
KGS 686 Ltd. 1-M	8-9-36	21392	35159	13767
OFF 682 Ltd. 1-H	1-9-35	21392	30722	9330
Starman 684 Ltd. 1-H	4-9-35	21392	57028	35636
Delaware-Apache				
U. S. Schram 1-F	1-9-35	21392	25273	3881
Roger C. Hanks				
Ford 1-B	18-9-36	21392	27616	6224

POOL		ALLOWED	PRODUCED	OVER
VADA PENN (LEA)				
Monsanto				
State L 2-J	19-10-34	21392	23965	2573
Tenneco Oil Co.				
Coll Fed. Com. 1-B	8-9-35	21392	21553	161
Deen 1-J	9-9-36	21392	36466	15074
VADA PENN (ROOSEVELT)				
Roger C. Hanks				
Cabot State 2-I	32-8-36	21392	44705	23313
Lone Star Fed. 1-H	29-8-36	21392	45538	24146
R. R. Morrison				
Fed. 1-D	33-8-36	21392	40589	19197
Read & Stevens, Inc.				
Fed. C 1-H	30-8-36	21392	30377	8985
WANTZ ABO				
Atlantic Richfield Co.				
Roy Barton 1-G	23-21-37	10472	14537	4065
WARREN DRINKARD				
Continental Oil Co.				
Warren Ut. 9-E	27-20-38	7952	11554	3602
WEIR BLINEBRY EAST				
Texaco, Inc.				
C. H. Weir A 9-K	12-20-37	5992	19506	13514
C. H. Weir A 10-J	12-20-37	5992	6732	740
C. H. Weir A 8-F	12-20-37	5992	6530	538
WEIR TUBB EAST				
Continental Oil Co.				
C. H. Weir A 11-G	12-20-37	7952	10888	2936
M. B. Weir B 7-M	12-20-37	7952	29561	21609
M. B. Weir B 10-P	12-20-37	7952	10570	2618
			GRAND TOTAL	1967572

25,000 ÷ 28 = 9000/da

DISTRICT II - FEBRUARY 1971

POOL		ALLOWED	PRODUCED	OVER
EMPIRE ABO				
Amoco Prod. Co.				
Malco G Fed. 5-H	9-18-27	7952	10503	2551
Malco H Fed. 9-C	3-18-27	7952	8269	317
State BE 1-M	31-17-28	7952	10116	2164
State BE 2-L	31-17-28	7952	11536	3584
State BM 1-K	31-17-28	7952	23797	15845
State BV 1-E	32-17-28	7952	8932	980
State EB 1-M	36-17-27	7952	10361	2409
Windfohr Fed. 1-P	4-18-27	7952	13000	5048
Windfohr Fed. 2-I	4-18-27	7952	18470	10518
Windfohr Fed. 3-O	4-18-27	7952	18474	10522
Windfohr Fed. 4-J	4-18-27	7952	18478	10526
Cities Service Oil Co.				
Hudson A 1-F	3-18-27	7952	9820	1868
Hondo International Yates				
State A 32-J	25-17-38	7952	22508	14556
State A 35-G	32-17-38	7952	15243	7291
ROUND TANK QUEEN				
Elk Oil Company				
J. W. State 2-L	30-15-29	4480	24399	19919
Mullis A State 1-D	30-15-29	4480	6498	2018
			GRAND TOTAL	110116

DISTRICT III - FEBRUARY 1971

POOL		ALLOWED	PRODUCED	OVER
GALLEGOS GALLUP				
Alamo Petroleum Co.				
Davis Fed. 1-L	24-26-11	13048	15452	2404
LYBROOK GALLUP				
Byron Oil Industries				
Hanson Fed. 1-L	3-23-7	7448	7485	37
TAPACITO GALLUP				
Tenneco Oil Co.				
Jicarilla A 3-A	19-26-5	15512	26865	11353
Jicarilla A 5-G	20-26-5	15512	70515	55003
Jicarilla A 8-H	17-26-5	15512	16494	982
Jicarilla B 4-H	21-26-5	15512	27453	11941
			GRAND TOTAL	81720

XS gas amended 9.5 to 5L
9.2 to NM
% total eight gas.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
(LEASES) EXHIBIT NO. 2
CASE NO. 4552

DISTRICT I - FEBRUARY 1971

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
BAGLEY PENN, NORTH					
Tipperary Resources					
Dolly 1-J 27-11-33	1	1	25424	27607	2183
Warren A State 1-I 28-11-33	1	1	25424	31444	6020
BLINEBRY					
Acomo Oil Corp.					
S.J.Sarkeys B 1-B 26-21-37	1	1	17976	22322	4346
John H. Hendrix					
Danglade 2-A 24-22-37	1	1	17976	35316	17340
Marathon Oil Co.					
J. L. Muncy 4-H 24-22-37	1	1	17976	19804	1828
Shell Oil Co.					
Grizzell 6-I 8-22-37	1	1	17976	22909	4933
BOUGH PERMO PENN					
Coquina Oil Corp.					
Fed 13 1-D 13-9-35	1	1	16912	21092	4180
Tenneco Oil Co.					
Jack Markham 11-9-35	2	2	33824	38543	4719
BRUNSON ELLENBURGER					
Marathon Oil Co.					
L.G. Warlick C 5-O 15-21-37	1	1	10472	15519	5047
CATO SAN ANDRES					
Amoco Prod. Co.					
Crosby A Fed. 8-8-30	2	2	8960	9082	122
Eugene E. Nearburg					
Skinner Federal 8-8-30	2	2	8960	10162	1202
DRINKARD					
Continental Oil Co.					
Lockhart A-27 27-21-37	7	6	47712	51625	3913
Gulf Oil Co.					
Harry Leonard NCT-E 16-21-37	2	2	15904	28428	12524
Hanson Oil Corp.					
Max Gutman 19-22-38	2	2	15904	26719	10815
John H. Hendrix					
J. L. Greenwood 9-22-37	3	3	23856	45834	21978
Karoles 1-L 23-22-37	1	1	7952	8047	95
S. E. Long 2-J 11-22-37	1	1	7952	26273	18321
M. E. Wantz 21-21-37	2	2	15904	21324	5420
E. F. Moran, Inc.					
E.M. Elliott 1-E 35-21-37	1	1	7952	8942	990
Phillips Petroleum Co.					
Sims 24-22-37	2	2	15904	26280	10376
Sohio Petroleum Co.					
Penrose 4-E 9-22-37	1	1	7952	8498	546

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
DRINKARD					
Sun Oil Co.					
Elliott A 21-21-37	2	2	15904	40018	24114
Texas Pacific Oil Co., Inc.					
Boyd 23-22-37	5	3	23856	25458	1602
Elliott A-15 2-J 15-22-37	1	1	7952	8283	331
Elliott B-9 3-D 9-22-37	1	1	7952	20979	13027
Elliott B-15 15-22-37	2	2	15904	30197	14293
Bruce A. Wilbanks					
Brunson C 3-22-37	4	4	31808	79435	47627
Wolfson Oil Co.					
Grizzell 2-P 5-22-37	1	1	7952	22520	14568
Thomas Long 11-22-37	4	4	31808	78305	46497
Guy R. Zachry					
Downes 2-C 5-22-37	1	1	7952	10884	2932
L. E. Grizzell 8-22-37	2	1	7952	11535	3583
EUNICE SOUTH 7-RIVERS QUEEN					
Wolfson Oil Co.					
State H 17-22-36	2	2	44800	58837	14037
FOWLER DEVONIAN					
Gulf Oil Corp.					
J. R. Holt NCT-A 16-24-37	1	1	10472	12203	1731
HOBBS DRINKARD					
Amerada Divison-Amerada Hess Corp.					
State A 5-A 32-18-38	1	1	18648	27317	8669
HOBBS (G-SA)					
Amerada Divison-Amerada Hess Corp.					
State A 32-18-38	2	2	15680	22963	7283
Amoco Prod. Co.					
Byers B 4-19-38	4	4	31360	51418	20058
Chevron Oil Co.					
State 1-29 29-18-38	2	2	15680	15993	313
Continental Oil Co.					
State A-33 33-18-38	7	7	54880	59276	4396
Marathon Oil Co.					
State Sec. 32 32-18-38	4	4	31360	40500	9140
Samedan Oil Co.					
Moon B 28-18-38	2	2	15680	18283	2603
Shell Oil Co.					
State A 32-18-38	2	2	15680	16210	530
State B 33-18-38	2	2	15680	23696	8016
Skelly Oil Co.					
B. H. Turner 1-F 34-18-38	1	1	7840	8395	555
Sun Oil Co.					
H. D. McKinley 5-19-38	4	4	31360	35956	4596

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
HOBBS SAN ANDRES EAST					
Martindale Petroleum					
D. F. Fergason 30-18-39	2	1	4480	7343	2863
JALMAT YATES 7-RIVERS					
Gulf Oil Co.					
J. F. Janda NCT-F 8-C 4-22-36	3	1	22400	53002	30602
JUSTIS BLINEBRY					
Continental Oil Co.					
State A-2 2-25-37	2	2	35952	36819	867
Shell Oil Co.					
State JM 1-B 2-25-37	1	1	17976	25009	7033
State JP 1-C 2-25-37	1	1	17976	22921	4945
Texas Pacific Oil Co., Inc.					
Wimberly 2-A 23-25-37	1	1	17976	21577	3601
Wimberly 3-H 23-25-37	1	1	17976	18573	599
JUSTIS FUSSELMAN					
Getty Oil Co.					
A. B. Coates D 2-N 24-25-37	1	1	10472	10499	27
JUSTIS TUBB DRINKARD					
Getty Oil Co.					
A. B. Coates D 2-N 24-25-37	1	1	5992	11271	5279
Shell Oil Co.					
State JM 1-B 2-25-37	1	1	5992	10539	4547
State JP 1-C 2-25-37	1	1	5992	6837	845
Texas Pacific Oil Co., Inc.					
Wimberly 3-H 23-25-37	1	1	5992	7619	1627
MONUMENT BLINEBRY					
Gulf Oil Co.					
G. C. Matthews 6-20-37	2	1	5992	32266	26274
John H. Hendrix					
Cooper B 10-D 7-20-37	1	1	5992	7500	1508
MONUMENT (G-SA)					
Amerada Division-Amerada Hess Corp.					
M. E. Gaither 1-I 34-19-36	1	1	6720	17086	10366
State I 1-C 2-20-36	1	1	6720	13356	6636
State J 2-20-36	3	3	20160	32764	12604
State M 2-20-36	1	1	6720	13666	6946
State S 2-20-36	2	2	13440	22692	9252
W. A. Weir 35-19-36	7	6	40320	41902	1582
Cities Service Oil Co.					
Laughlin 1-J 5-20-37	1	1	6720	8293	1573
Millard Deck					
Anderson 9-F 17-20-37	1	1	6720	14098	7378
Getty Oil Co.					
State H 1-L 32-19-37	1	1	6720	7856	1136

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
MONUMENT (G-SA)					
Gulf Oil Corp.					
T. Anderson 2-C 17-20-37	1	1	6720	32223	25503
T. Anderson 17-20-37	2	2	13440	32710	19270
Bertie Whitmire 8-20-37	4	4	26880	53151	26271
John H. Hendrix					
Cooper 8 12-20-36	1	1	6720	25083	18363
Alaska Cooper 12-20-36 7-20-37	2	2	13440	64479	51039
Gillully A Fed. 1-M 8-20-37	1	1	6720	29332	22612
Patsy 1-B 18-20-37	1	1	6720	10806	4086
Marathon Oil Co.					
Bertha Barber 32-19-37	4	3	20160	27512	7352
McGrail St. 2-K 26-19-36	1	1	6720	10433	3713
Phillips Petroleum Co.					
Culp 1-D 19-19-37	1	1	6720	7707	987
Mexico 18-20-37	3	3	20160	47089	26929
Shell Oil Co.					
Foster 1-P 34-19-36	1	1	6720	9698	2978
Estate Fred Turner Jr.					
State A 1-L 2-20-36	1	1	6720	19142	12422
Union Texas Petroleum Corp.					
State A 2-F 2-20-36	1	1	6720	19699	12979
Bruce A. Wilbanks					
Wood State A 1-C 16-20-37	1	1	6720	35452	28732
Wolfson Oil Co.					
Laughlin 8-20-37 5-20-37	3	3	20160	75248	55088
N.M. E State 21-19-37	3	3	20160	26601	6441
PADDOCK					
Mobil Oil Co.					
J.N. Carson 1-H 33-21-37	1	1	5992	9225	3233
RHODES YATES					
El Paso Natural Gas Co.					
Moberly C 20-26-37	2	1	22400	26642	4242
SAWYER SAN ANDRES					
Atlantic Richfield Co.					
Carruth WN Fed. 25-9-37	1	1	4480	4701	221
Ralph S. Cooley					
Brown 35 13-9-37	1	1	4480	13948	9468
Byers 59 30-9-38	1	1	4480	11868	7388
Gandy 59 28-9-38	1	1	4480	5340	860
Mobil Oil Co.					
Brown Fed. 29-9-38	1	1	4480	4677	197
McCormick B Fed. 29-9-38	1	1	4480	6992	2512
Ohio Fed. 30-9-38	1	1	4480	14780	10300

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
SAWYER SAN ANDRES					
Pearson Sibert Oil Co. of Texas					
Sinclair Fed. 5-10-38	1	1	4480	11042	6562
Western Drilling Co.					
Grt. Western Fed. 28-9-38	1	1	4480	5434	954
Grt.Western F Fed. 30-9-38	1	1	4480	14552	10072
McDermott Fed. 30-9-38	1	1	4480	15285	10805
Toles Fed. 13-9-37	1	1	4480	5098	618
SKAGGS DRINKARD					
Continental Oil Co.					
M. B. Weir B 12-20-37	1	1	7952	14608	6656
TUBB OIL					
Continental Oil Co.					
St. 10 10-21-37	1	1	7952	22402	14450
Hawk B-1 9-21-37	1	1	7952	13095	5143
Mabee Royalties Inc.					
Belcher 7-22-38	1	1	7952	9436	1484
VADA PENN (LEA)					
BTA Oil Producers					
Cash 691 Ltd. 9-9-36	1	1	21392	24043	2651
Cinco 688 Ltd. 1-9-35	1	1	21392	28684	7292
Coll 694 Ltd. 8-9-35	1	1	21392	39568	18176
Davis 687 Ltd. 9-9-36	1	1	21392	25501	4109
Feather 688 Ltd. 1-9-35	1	1	21392	30610	9218
Hugo 693 Ltd. 16-9-35	2	2	42784	46131	3347
Humble St. 16-9-35	2	2	42784	47072	4288
Intex 692 Ltd. 8-9-35	1	1	21392	48320	26928
KGS 686 Ltd. 8-9-36	1	1	21392	35159	13767
OFF 682 1-9-35	1	1	21392	30722	9330
Starman 684 Ltd. 4-9-35	1	1	21392	57028	35636
Delaware Apache Corp.					
U. S. Schram 1-9-35	1	1	21392	25273	3881
Roger C. Hanks					
Ford 18-9-36	1	1	21392	27616	6224
Monsanto Co.					
State L 19-10-34	1	1	21392	23965	2573
Tenneco Oil Co.					
Coll Fed. Com 8-9-35	1	1	21392	21553	161
Deen 9-9-36	1	1	21392	36466	15074
VADA PENN (ROOSEVELT)					
Roger C. Hanks					
Cabot St. 32-8-36	3	3	64176	67897	3721
Lone Star Fed. 29-8-36	1	1	21392	45538	24146
Read & Stevens, Inc.					
Fed. C 30-8-36	1	1	21392	30377	8985

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
WANTZ ABO					
Atlantic Richfield Co.					
Roy Barton 23-21-37	1	1	10472	14537	4065
WARREN DRINKARD					
Continental Oil Co.					
Warren Unit 27-20-38	2	2	15904	16125	221
WEIR BLINEBRY EAST					
Texaco, Inc.					
C. H. Weir A 12-20-37 9-K	1	1	5992	19506	13514
C. H. Weir A 12-20-37	2	2	11984	13262	1278
WEIR TUBB EAST					
Texaco, Inc.					
C. H. Weir A 12-20-37	1	1	7952	10888	2936
M. B. Weir B 12-20-37	1	1	7952	29561	21609
M. B. Weir B 12-20-37	1	1	7952	10570	2618
			GRAND TOTAL		1208971

DISTRICT II - FEBRUARY 1971 (LEASES)

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
EMPIRE ABO					
Amoco Prod. Co.					
State BE 31-17-28	2	2	15904	21652	5748
State BM 31-17-28	1	1	7952	23797	15845
State BV 32-17-28	1	1	7952	8932	980
State EB 36-17-27	1	1	7952	10361	2409
Windforh Fed. 4-18-27	4	4	31808	68422	36614
Cities Service Oil Co.					
Hudson A 3-18-27	1	1	7952	9820	1868
ROUND TANK QUEEN					
Elk Oil Company					
J. W. State 30-15-29	2	2	4480	24399	19919
Mullis A St. 30-15-29	1	1	4480	6498	2018
			GRAND TOTAL		85401

DISTRICT III — FEBRUARY 1971 (LEASES)

POOL		WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
GALLEGOS GALLUP						
Alamo Petroleum Co.						
Davis Fed.	24-26-11	1	1	13048	15452	2404
LYBROOK GALLUP						
Byron Oil Industries						
Hanson Fed.	3-23-7	1	1	7448	7485	37
TAPACITO GALLUP						
Tenneco Oil Co.						
Jicarilla A		4	4	62048	113874	51826
Jicarilla B		2	1	15512	27453	11941
				GRAND TOTAL		66208

carrying [illegible] to
[illegible]
6.0 to SC
7.5 to NW
& total capacity

MCF RESERVOIR VOIDAGE

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
OCC EXHIBIT NO. 3
CASE NO. 5552

DRINKARD POOL

Top Allowable Oil Well Producing at Maximum GOR	(4402 oil-8804 MCF).....	468
One Barrel Well Producing with Top Pool Allowable X GOR Restriction	(31 oil-8804 MCF).....	439
One Barrel Well with No Gas Restriction	(31 oil-58,307 MCF).....	2908

MONUMENT POOL

Top Allowable Oil Well Producing at Maximum GOR	(2480 oil-7440 MCF).....	302
One Barrel Well Producing with Top Pool Allowable X GOR Restriction	(31 oil-7440 MCF).....	285
One Barrel Well with No Gas Restriction	(31 oil-49,895 MCF).....	1915

HOBBS POOL

Top Allowable Oil Well Producing at Maximum GOR	(2480 oil-8680 MCF).....	372
One Barrel Well Producing with Top Pool Allowable X GOR Restriction	(31 oil-8680 MCF).....	355
Top Gas Volume Producing Well	(847 oil-29,011 MCF).....	1191

DRAFT

GMH/dr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

Records Center

CASE No. 4552

Order No. R- 4157

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION COMMISSION UPON
ITS OWN MOTION TO CONSIDER THE AMENDMENT
OF RULE 506 OF THE COMMISSION RULES AND
REGULATIONS BY DELETING THEREFROM THE PROVI-
SION THAT ALL GAS PRODUCED WITH THE CURRENT OIL
ALLOWABLE DETERMINED IN ACCORDANCE WITH RULE 506
SHALL BE DEEMED TO HAVE BEEN LAWFULLY PRODUCED.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 16, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of June, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That subparagraph (2) of Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations provides that any unit containing a well or wells producing from a reservoir which contains both oil and gas shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool.

(3) That subparagraph (4) of Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations provides that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

(4) That as a result of the provision of the above-described subparagraph (4) many wells producing from reservoirs which contain both oil and gas are producing volumes of gas greatly in excess of the volumes of gas authorized by the above-described subparagraph (2).

(5) That the production of gas from a unit containing a well or wells producing from a reservoir which contains both oil and gas in excess of that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool causes waste and a violation of correlative rights.

That in order to prevent waste and protect correlative rights Rule 506 of the Commission Rules and Regulations should be amended by deleting therefrom subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

IT IS THEREFORE ORDERED:

(1) That effective _____, 1971, Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations is hereby amended by deleting therefrom subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

GOVERNOR
BRUCE KING
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

August 10, 1971

Mr. Sim Christy
Jennings, Christy & Copple
Attorneys at Law
Post Office Box 1180
Roswell, New Mexico 88201

Re: Case No. 4552
Order No. R-4159-A
Applicant:

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC x

Other Mr. Jason Kellahin, Mr. Jack Cooley, and Mr. Carl Traywick

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION TO CONSIDER THE AMENDMENT OF RULE 506 OF THE COMMISSION RULES AND REGULATIONS BY DELETING THEREFROM THE PROVISION THAT ALL GAS PRODUCED WITH THE CURRENT OIL ALLOWABLE DETERMINED IN ACCORDANCE WITH RULE 506 SHALL BE DEEMED TO HAVE BEEN LAWFULLY PRODUCED.

CASE NO. 4552 (De Novo)
Order No. R-4159-A

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing de novo at 9 a.m. on July 21, 1971, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 9th day of August, 1971, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That subparagraph (2) of Rule 506 of the New Mexico Conservation Commission Rules and Regulations provides that any unit containing a well or wells producing from a reservoir which contains both oil and gas shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool.

(3) That subparagraph (4) of Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations provides that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

(4) That Case 4552 was called by the Oil Conservation Commission on its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

(5) That after an examiner hearing, Commission Order No. R-4159, dated June 25, 1971, was entered in Case 4552 amending Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations by deleting therefrom Subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

(6) That Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks requested and were granted a hearing de novo of Care 4552 before the Oil Conservation Commission.

(7) That as a result of the provision of the above-described subparagraph (4) many wells producing from reservoirs which contain both oil and gas are producing volumes of gas greatly in excess of the volumes of gas authorized by the above-described subparagraph (2).

(8) That the production of gas, from a unit containing a well or wells producing from a reservoir which contains both oil and gas, in excess of that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool reduces or tends to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from the pool.

(9) That the production of gas by some wells, from a unit containing a well or wells producing from a reservoir which contains both oil and gas, in excess of that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool, denies to the other owners of property in the pool the opportunity to use their just and equitable share of the reservoir energy.

(10) That the production of gas, from a unit containing a well or wells producing from a reservoir which contains both oil and gas, in excess of that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool causes waste and a violation of correlative rights.

(11) That in order to prevent waste and protect correlative rights Rule 506 of the Commission Rules and Regulations should be amended by deleting therefrom subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

(12) That the Commission should give consideration to the revision of the gas-oil ratio limitation for certain pools upon the petition of interested persons.

(13) That the Commission upon its own motion should give consideration to the consolidation of the Eunice and Monument areas of the Eunice Monument Pool (Grayburg-San Andres) and the ascertainment of a common efficient gas-oil ratio limitation for the consolidated area.

IT IS THEREFORE ORDERED:

(1) That effective November 1, 1971, Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations is hereby amended by deleting therefrom subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

LAW OFFICES OF
JENNINGS, CHRISTY & COPPLE
1012 SECURITY NATIONAL BANK BUILDING
P. O. BOX 1180
ROSWELL, NEW MEXICO 88201

TELEPHONE 622-8432
AREA CODE 505

JAMES T. JENNINGS
SIM B. CHRISTY IV
ROGER L. COPPLE
BRIAN W. COPPLE

August 3, 1971

CERTIFIED MAIL - Ret. Rec. Req.

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Re: Case 4552

Gentlemen:

At the conclusion of the hearing on July 21, 1971 on the captioned, you advised that all interested parties might submit briefs on legal points within 15 days from and after that date.

In compliance therewith we enclose herewith a Memorandum Brief of legal points for consideration by the Commission.

We thank the Commission for its indulgence in allowing us to file this brief.

Respectfully,

JENNINGS, CHRISTY & COPPLE

By S. B. Christy IV

SBC:pv

Enclosure

cc: (w/cc of Brief)
MKA Oil Properties
Mr. John H. Hendrix
Wolfson Oil Company
Bruce A. Wilbanks
Mr. Horace Burton
Mr. Clarence E. Hinkle

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION TO CONSIDER THE AMENDMENT OF RULE 506 OF THE COMMISSION RULES AND REGULATIONS BY DELETING THEREFROM THE PROVISION THAT ALL GAS PRODUCED WITH THE CURRENT OIL ALLOWABLE DETERMINED IN ACCORDANCE WITH RULE 506 SHALL BE DEEMED TO HAVE BEEN LAWFULLY PRODUCED.

CASE 4552

BRIEF OF MKA, ET AL

POINT I

Equitable Estoppel

In the broadest sense, the question which has been raised is whether an administrative agency should be permitted to change or amend its prior rules or orders where to do so will result in a deprivation of substantial rights and privileges of a party affected by such change or amendment; and in the broadest analysis, the answer to this question depends upon the balancing of the public and private interests involved. The balancing of the interests involved in the present case requires a weighing of competing factors, and it is submitted that under the facts in this case the action of the Commission is manifestly unjust to MKA, et al, and that this is an appropriate case for the application of the doctrine of equitable estoppel to prevent an injustice from occurring.

The courts recognize that under appropriate circumstances estoppel may be invoked against state agencies. 2 Cooper, State Administrative Law, 507 (1965). This is particularly true where

the party invoking the doctrine has expended large sums of money or incurred new liabilities in reliance upon the acts and conduct of the agency and its employees.

In the very recent case of Crawford v. McLaughlin, 473 P.2d 725 (Colo. 1970) the plaintiff (Swan) was granted a permit by the Denver Building Department to construct a fourteen-story apartment building and, in accordance with the general practice, there was stamped on the permit the words "this is a foundation permit only." The permit was issued in conformance with the practice and ordinances in effect at the time of plaintiff's application, but within three weeks after the issuance of the permit, the Director of the Building Department advised plaintiff that a city ordinance passed shortly after the issuance of the permit limiting the height of structures in certain localities was applicable to plaintiff's property. The effect of the limitation would be to reduce the proposed apartment building from fourteen to seven stories. It was the Director's position that the permit issued to plaintiff was one to construct "the foundation only" and that the new ordinance would now be applicable to all future permits required by the plaintiff. The plaintiff appealed the Director's order to the Board of Appeals, which, following a hearing, held that the permit issued by the Building Department was for construction of a fourteen-story apartment building and was not limited to the construction of the foundation only. Upon appeal to the District Court, the action of the Board of Appeals was affirmed,

and upon appeal to the Supreme Court of Colorado, the Judgment of the trial court was affirmed. In holding that the plaintiff had justifiably changed his position in reliance on the permit to his detriment and that the doctrine of estoppel was applicable, the court stated:

> "This court has recognized and applied the doctrine of equitable estoppel for many years. Denver v. Stackhouse, 135 Colo. 289, 310 P.2d 296; Piz v. Housing Authority, 132 Colo. 457, 289 P.2d 905. This doctrine is founded upon principles of fair dealing and is designed to aid the law in the administration of justice where, without its aid, injustice might result. Piz v. Housing Authority, supra. It is applicable against governmental agencies to prevent injustice. Denver v. Stackhouse, supra. ...
>
> "As noted, equitable estoppel or estoppel in pais is an equitable doctrine which is invoked to prevent injustice. Some of Swan's acts, which were of a significant nature, occurred preliminarily to the issuance of the permit. For example, the purchase of the lots for $220,000.... Also, he employed an architectural firm and had obligated himself for fees to the extent of $50,000 for the design of a fourteen-story building. These facts should not be totally ignored in considering the acts which accompanied and followed in reliance on the issuance of the permit. The existing structure was razed, the foundation was constructed for the specific building for which the permit was issued, further financial commitments were made to the architects and the contractor after the permit was issued. The totality of the situation should be weighed in the equitable balance."

In the present case, MKA, et al, have, in justifiable reliance upon the Commission's rules and regulations and the representations and assurances of an employee of the Commission, substantially changed their position in that they have expended large sums of

money and incurred liabilities which would not have otherwise been expended or incurred. We do not mean to imply that the Commission or its employees acted in bad faith or willfully intended to mislead MKA, et al; however, the absence of bad faith or willful conduct does not remedy the damage which will be suffered by MKA, et al. Under the circumstances which exist in this case, to afford MKA, et al, no relief would be manifestly unjust, and this is clearly an appropriate case for the application of the doctrine of equitable estoppel to prevent an injustice from occurring.

POINT II

Rule 506 Versus Correlative Rights

The Commission has the statutory duty to prevent waste and protect correlative rights. (N.M.S.A. 65-3-10, 1953 Comp.)

Correlative rights are defined in N.M.S.A. 65-3-29H, 1953 Comp., to mean:

> "...The opportunity afforded, so far as it is practical to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool, being an amount, so far as can be practically determined, and so far as can be practicably obtained without waste, substantially in the proportion that the quantity of recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for such purpose to use his just and equitable share of the reservoir energy." (Emphasis ours)

It is, therefore, evident that correlative rights must be protected by the Commission on a property or lease basis.

N.M.S.A. 65-3-3, 1953 Comp., in defining "waste" states that such term includes its ordinary meaning. Webster's Twentieth

Century Unabridged Dictionary, page 1894, defines waste to include "2. to expend without valuable return;".

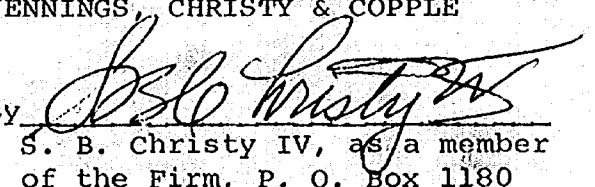
Therefore, it logically follows that the Commission has the statutory duty to afford an opportunity for each owner of a lease to produce his just and equitable share of the oil and gas underlying his property without economic waste and in affording such an opportunity to allow such owner to use his just and equitable share of the reservoir energy within the pool.

In apparent antithesis with the foregoing statutory mandate, is Commission Rule 506, which establishes gas-oil ratios, and penalties on production, on a well basis and not on a property or lease basis. Since the Rule is on a well basis and since the statute mandatorily requires the Commission to protect correlative rights on a lease basis, we suggest that the rule is invalid. In the words of the Attorney General of New Mexico there is no delegation to the Commission of the power to make law or determine what should be the law under the Oil Conservation Act (1951-52 No. 5397).

We appreciate the difficulty the Commission might encounter in administering Rule 506 on a lease or property basis, but we suggest that the correct remedy lies in the Legislature and not in the promulgation of a rule which clearly violates the statutory mandate to the Commission.

Respectfully submitted,

JENNINGS, CHRISTY & COPPLE

By 

S. B. Christy IV, as a member
of the Firm, P. O. Box 1180
Roswell, New Mexico 88201
Attorneys of Record for MKA, et al

Gulf Oil Company-U.S.

LAW DEPARTMENT

William V. Kastler
ATTORNEY

P. O. Box 1150
Midland, Texas 79701

August 4, 1971

Certified Mail - Ret. Rec. Req.

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Re: Case 4552

Gentlemen:

Please find enclosed my Spectators Brief covering what I understood to be the two legal questions presented.

Thank you for the opportunity to file this memorandum.

Sincerely yours,

William V. Kastler

WVK:eji

Enclosure

cc: (with enclosures)
MKA Oil Properties
Mr. John H. Hendrix
Wolfson Oil Company
Mr. Bruce A. Wilbanks
Mr. Horace N. Burton
Mr. Clarence E. Hinkle
Mr. S. B. Christy IV
Mr. Jason W. Kellahin

Gulf

A DIVISION OF GULF OIL CORPORATION

Gulf Oil Company - U.S.

LAW DEPARTMENT

William V. Kastler
ATTORNEY

P. O. Box 1150
Midland, Texas 79701

August 4, 1971

Certified Mail - Ret. Rec. Req.

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

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Mr. Horace N. Burton
Mr. Clarence E. Hinkle
Mr. S. B. Christy IV
Mr. Jason W. Kellahin

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY
THE OIL CONSERVATION COMMISSION UPON
ITS OWN MOTION TO CONSIDER THE AMENDMENT
OF RULE 506 OF THE COMMISSION'S RULES
AND REGULATIONS, ETC.

CASE 4552 (DE NOVO)

MEMORANDUM OF GULF OIL CORPORATION
AND WARREN PETROLEUM CORPORATION

The undersigned, having entered his appearance at the de novo hearing of the above listed cause in Santa Fe, New Mexico on July 21, 1971, offers the following in regard to two legal questions which the Commission offered to consider on briefs to be submitted by interested parties.

QUESTION NO. 1

Do the New Mexico Statutes require the Oil Conservation Commission to administer correlative rights to properties on a lease basis rather than on a well basis?

There is a scarcity of case authority on this particular point, perhaps because the New Mexico Statute is unique, but more likely because in the ordinary case this question is seldom raised as allocations of production from wells are automatically ascribed to leases or properties. An illustration of this chicken-before-the-egg controversy is found in Chevron Oil Co. v. Oil and Gas Conservation Commission, (Montana 1967) 435 P2d 781. In this case there had previously been drilled a dry hole at the standard location in the NE/4 SW/4 of Section 1. Scott, the lessee of the SE/4 SW/4, and

Bakke, the land owner, requested an exception to the normal spacing for the Flat Lake Oil Field on the basis that the standard well location was apparently beyond the edge of the pool, yet there was probably oil under part of the SW/4. The unorthodox location was granted by the Commission over the protest of the appellant, which owned the lessee's interest in the offsetting Section 12. The order did not in any way limit the production rate or restrict the quantity of oil to be produced from the exception location. The well was subsequently completed as a producer. Here, then, is a common case where one party could claim that on a well basis he was entitled to an equal amount of production that was allocated to any other well in the field. Conversely, the party opposing the unrestricted non-standard location could with equal justification argue that the lease basis should have applied in the first place to prevent drilling of the exception well, but would at the very least have to be applied now to accord correlative rights. The answer, of course, is that the two bases are not usually separable from each other. In the Chevron case the Court stated as follows:

> "Just as the Act protects the rights of the owner to capture his share of the oil and gas when the pool is under only part of his land, it must protect the adjoining landowners from having their share of the oil and gas appropriated by the exception location well."

There being no other case authority to offer at this point, I shall next attempt to analyse the New Mexico Statutes:

The Commission's power to prevent waste and protect correlative rights is granted in Section 65-3-10 and 65-3-11 of New Mexico Statutes, 1953 Annotated. Section 65-3-11 contains, in addition to any authority which might be expressed, implied or elsewhere given to the Commission, certain enumerated powers which include the following:

> (7) To require wells to be drilled, operated and produced in such manner as to prevent injury to neighboring leases or properties;
>
> (9) To require the operation of wells with efficient gas-oil ratios and to fix such ratios. [Italics added]

The two quoted subsections seem to declare that the Commission should administrate the operation of wells rather than leases or properties for the purpose of obtaining its objectives. The matter is not completely without doubts, though, for under Section 65-3-14 entitled, "Equitable Allocation of Allowable Production -- Pooling -- Spacing" it is provided in subparagraph (a): that

> "... the owner of each property in a pool should be afforded the opportunity to produce his just and equitable share of the oil or gas, or both, in the pool, being an amount, so far as can be practically determined, and so far as such can be practicably obtained without waste, substantially in the proportions that the quantity of the recoverable oil or gas, or both, under such property bears to the total recoverable oil or gas, or both, in the pool, and for this purpose to use his just and equitable share of the reservoir energy." [Italics added]

Subsection (a) seems at first glance to grant properties without regard to whether they are producing through one or more wells a share of the oil or gas, or both, in the pool on an equitable basis. However, as this rule progesses the ordinary basis for allocation becomes more and more pronounced that it is an individual well's potential for producing rather than the acreage or number of wells contained in a lease or property that determines how the allowables are to be fixed. For example, consider the following language in subparagraph (b):

> "(b) The Commission may establish a proration unit for each pool, such being the area that can be efficiently and economically drained and developed by one well, and in so doing the Commission shall consider the economic loss caused by the drilling of unnecessary wells, the protection of correlative rights, including those of royalty owners, the prevention of waste, the avoidance of the augmentation of risks arising from the drilling of an excessive number of wells, and the prevention of reduced recovery which might result from the drilling of too few wells." [Italics added]

Subparagraph (c) further identifies the basic proration unit by providing for forced pooling, such pooling to be applied to a proration unit, that being the area without regard to the size of a lease which can be efficiently and economically drained and developed by one well.

Subparagraph (d) provides that the Commission may deviate from a strict rule of dividing production equally among the wells in the following language:

> "(d) Minimum Allowable for some wells may be advisable from time to time, especially with respect to wells already drilled when this Act takes effect, to the end that the production will repay reasonable lifting cost and thus prevent premature abandonment and resulting waste." [Aside from the particular point under consideration, it is important to note at this juncture that the legislature expressly provides for administration of the Commission's rules in such a way as to protect wells already drilled when the Act took effect in order to prevent premature abandonment and resulting waste. Under subparagraph (d) it can clearly be argued that the legislative policy declared is intended not only for granting minimum allowables for wells which were drilled on smaller proration units than the statute envisioned, but also for granting minimum allowables on other justifiable grounds when a failure or refusal to do so would require premature abandonment and resultant waste.]

Subparagraph (e) grants the Commission extremely broad authority to allocate production either under an operators' agreed-upon plan for spacing of wells, or upon some other plan or method of distribution of the allowable set for the particular pool, or upon any other plan for the development or operation of the pool so long as it has the effect of preventing waste and which is fair to the royalty owners in such pool. The upshot of this subsection is that the Commission, it can be argued, has authority to abandon well allowables in favor of any other reasonable basis agreed upon by working interest owners which has the virtue of being fair to the royalty owners (who do not directly participate in the decision making) and provided that it has the effect of preventing waste.

Finally, subparagraph (f) appropriately winds up the matter by stating:

> "(f) After the effective date of any rule, regulation or order fixing the allowable production, no person shall produce more than the allowable production applicable <u>to him, his wells, leases or properties</u> determined as in this act provided, and the allowable production shall be produced in accordance with the applicable rules, regulations or orders." [Italics added]

Section 65-3-14 is the basic statutory authority with which we are concerned. To summarize its provisions in subparagraphs (a), (b), (c), (d), (e) and (f) it is my conclusion, in the absence of any case directly in point, that the Commission has been given a broad latitude to provide a reasonable basis for allocating the production equitably among the owners in the pool and that a well basis, a lease or property basis, a thickness of pay basis, a deliverability basis or any other basis which is fair and reasonable for all concerned and which has the effect of preventing waste can each be justified under a given set of circumstances. If the Commission should adopt a basis of allocation which is claimed to be unreasonable or unfair the burden of showing such unreasonableness or unfairness must always be upon the antagonist or party protesting the allocation. (See Continental Oil Co. v. Oil Conservation Commission, 70 NM 310, 319; 373 P2d 890, 815, which states, "We will assume that the former 'pure acreage' formula is valid until it is successfully attacked", citing Hester v. Sinclair Oil & Gas Co., 351 P2d 751.)

At the rehearing of Case No. 4552 the matter of whether a proper statutory basis exists for the proposed allocation was raised. The context in which it was presented was by the protestants pointing out in cross examining the Commission's witness that if the Commission should allocate gas-oil ratios on a lease basis the disproportionate production of casinghead gas would not be so material as to warrant the amendment of the rule. It was implied in the evidence and, I believe, stated in the protestants' closing argument that an allowable ought to be given to each lease owner. It would represent an overall total voidage space which could be utilized by producing either oil or gas or both. This would result in the most equitable allocation because each lessee would then be entitled to an amount of voidage space in the reservoir in keeping with his lease without regard to the quality of any particular well. There was little or no evidence to show that the well basis was unfair to a particular operator other than the evidence of economic hardship which was to the

effect that the amendement of the rule as proposed would result in waste.

A typical modern case in which reservoir voidage was advocated as the most equitable and just method of distributing production was Mobil Oil Corp. v. James H. Gill, Com'r. of Conservation of the State of Louisiana, 194 So2d 351. There the plaintiff sued to have portions of the Conservation department's orders prorating the Cadeville Sand of the Calhoun field declared null and void insofar as its formula considered acreage as a factor and because it refused to alter its prorationing on the basis of an undisputed isopach map. The court stated:

> "Where experts disagree, where proven facts show the existence of many variables, where reaching a fair balance involves incalculable variants, the court cannot conclude that the Commissioner of Conservation acted arbitrarily and capriciously, but rather giving the presumption of validity its effect, this court concludes that the Commissioner of Conservation acted reasonably and in accordance with the law, that the findings and order made in support thereof did not deprive the plaintiff of due process ..."

Even if the protestants have failed to bear the burden of proof required to sustain their attack against administration of correlative rights on a well by well basis they have not failed to present a more serious cause for concern with regard to the prevention of waste because of a potential premature abandonment situation. There was evidence adduced by the protestants to the effect that a 6,000 to 1 gas-oil ratio would allow the one-barrel wells to continue producing and that it also would not result in reservoir damage or gas flaring. It seems this evidence when considered in conjunction with 65-3-14(d) presents a classic situation to justify the Commission in taking administrative notice of distress circumstances and setting, by way of a proviso added to the proposed rule, a minimum gas-oil ratio allowance so phrased that in order to prevent premature abandonment and resultant waste no well would receive a casinghead gas limit lower than 6,000 times the current top allowable daily oil production for the pool in which it is located unless such minimum production would result in gas flaring.

QUESTION NO. 2

Can the New Mexico Oil Conservation Commission adopt a rule change and at the same time suspend the enforcement within selected areas?

One of the fundamental principles of administrative law is that an administrative agency may not validly act in excess of its powers, nor has it any discretion as to the recognition of or obedience to a statute. The agency must obey a law found upon the statute books until in a proper proceeding its constitutionality is judicially passed upon. (Vol. 2 Am. Jur. 2d Sec. 188 Administrative Law Page 21.) While the Fifth Amendment contains no equal protection cluase and restrains only such discriminatory acts of the executive as amount to denial of due process, in the exercise of every State power emanating from the people there enters the constitutional command of equal protection of the laws, which means equal rights for all similarly situated. Therefore, administrative agencies must execute the law committed to them fairly and honestly and treat everyone alike according to the standards and rules of action prescribed. Failure in this respect, if it extends beyond the rudimentary requirements of fair play, enters the realm of unreasonable and arbitrary action from which the courts will grant relief. Rules and Regulations should be uniform and framed to avoid unequal operation on persons in the same class. Where individuals or classes of individuals are treated differently on the basis of classification established by statute or administrative rule, the equal protection clause requires that such classifications be reasonable and based upon some principle of public policy, and that they be not arbitrary or capricious. (Railroad Comm. v. Shell Oil Company, 161 SW2d 1022)

A regulation or order which involves a classification on a reasonable basis does not deny equal protection of the laws or create

any improper discrimination. Guiseppi v. Walling, 144 F2d 608, Aff'd. 324 US 244, 89 L.Ed. 921, 65 S Ct. 605.

Moreover, administrative action against a practice which is contrary to statute is not precluded because the agency does not proceed simultaneously against all violators. In this connection, it is apparent that a rule by the New Mexico Oil Conservation Commission may be postponed in its effect or in its enforcement. A parallel question was raised and settled in the United States Supreme Court in 1958 in the case of Moog Industries, Inc., v. Federal Trade Commission and Federal Trade Commission v. C. E. Niehoff & Company, 355 US 411, 2 L. Ed. 2d 370, 78 S Ct. 377. The facts involved two cases where the FTC had issued a cease and desist order against a single firm enjoining it from violating the price discrimination provisions of the federal laws. The respondent claimed that it was entitled to engage in the same pricing practices open to its competitors and that it would suffer severe financial loss unless the entry of judgment enforcing the FTC order was held in abeyance pending similar action on all competitors.

In the first case the U. S. Court of Appeals for the Eighth Circuit refused to hold the entry of judgment in abeyance. In the second case the U. S. Court of Appeals for the Seventh Circuit, however, directed that the cease and desist order entered against the same firm should take effect only at such time in the future as the Court might direct on its own motion or upon a motion of the FTC. The Supreme Court in a Per Curiam opinion stated

> "In view of the scope of administrative discretion that Congress has given the Federal Trade Commission, it is ordinarily not for courts to modify ancillary features of a valid commission order. This is but recognition of the fact that in the shaping of its remedies within the framework of regulatory legislation, an agency is called upon to exercise its specialized experienced judgment. Thus, the decision as to whether or not an order against one firm to cease and desist from engaging in illegal price discrimination should go into effect before others are similarly prohibited depends on a variety of factors peculiarily within the expert understanding of the Commission. Only

> "the Commission, for example, is competent to make an initial determination as to whether and to what extent there is a relevant "industry" within which the particular respondent competes and whether or not the nature of that competition is such as to indicate identical treatment of the entire industry by an enforcement agency. Moreover, although an allegedly illegal practice may appear to be operative throughout an industry, whether such appearances reflect fact and whether all firms in the industry should be dealt with in a single proceeding or should receive individualized treatment are questions that call for discretionary determination by the administrative agency. It is clearly within the special competence of the Commission to appraise the adverse effect on competition that might result from postponing a particular order prohibiting continued violations of the law. Furthermore, the Commission alone is empowered to develop that enforcement policy best calculated to achieve the ends contemplated by Congress and to allocate its available funds and personnel in such a way as to execute its policy efficiently and economically."

Bringing the foregoing principles into focus on the question at hand there is now a complete defense against any injustice which might be alleged as the result of the application of a gas-oil ratio limitation rule to one area but the holding in abeyance of its effectiveness in another area pending the determination and adjustment of gas-oil ratios in the interest of trying to prevent premature abandonment and resulting waste as required by statute.

In a second United States Supreme Court Case, United States of America and Interstate Commerce Commission v. Wabash Railroad Company, 321 US 403, 88 L. Ed. 827, 64 S Ct. 752, the question was raised that the ICC could not require the respondent to make a charge for spotting freight cars for its customers because of the fact that the ICC allows respondent's competitors to render this service to their customers free of charge. The Supreme Court in that case stated:

> "Differences in conditions may justify differences in carrier rates or service. In determining whether there is a prohibited unjust discrimination or undue preference, it is for the Commission to say whether such differences in conditions exist and whether, in view of them, the discrimination or preference is unlawful."

Thus, it is seen that upon good authority the applicability and enforcement of a rule by an administrative agency may be suspended upon determinations by the agency itself.

In conclusion it is respectfully submitted that in amending Rule No. 506 some relief is warranted by the mere fact that the statute declares a policy of preventing waste and this policy takes priority over the policy of protecting correlative rights. In Continental Oil Company, et al, v. Oil Conservation Commission, supra., the Supreme Court of New Mexico stated:

> "The Oil Conservation Commission is a creature of statute, expressly defined, limited and empowered by the laws creating it. The commission has jurisdiction over matters related to the conservation of oil and gas in New Mexico, but the basis of its powers is founded on the duty to prevent waste and to protect correlative rights. See Sec. 65-3-10, supra. Actually, the prevention of waste is the paramount power, inasmuch as this term is an integral part of the definition of correlative rights." [Italics supplied for emphasis.]

William V. Kastler

STATEMENT OF EL PASO NATURAL GAS COMPANY IN
CASE NUMBER 4552 BEFORE THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW MEXICO

July 21, 1971

El Paso Natural Gas Company is the largest purchaser of New Mexico produced gas and is itself a producer of gas and oil in New Mexico. El Paso supports the proposal of the New Mexico Oil Conservation Commission to eliminate Subparagraph (b) (4) of Rule 506 in the interest of the prevention of waste and the protection of correlative rights. El Paso commends the Commission for its efforts in this regard.

It is El Paso's opinion that the New Mexico Oil Conservation Commission staff's recommendation is feasible and workable. This recommendation would provide that the Commission's main accounting department would furnish a list monthly to the District Director of oil wells which have overproduced casinghead gas; the District Director could then either shut the well in or order the operator to restrict the oil production from the well until all overproduced casinghead gas is made up. El Paso urges the adoption of this recommendation.

OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

June 28, 1971

COPY

Mr. Sim Christy
Jennings, Christy & Copple
Attorneys at Law
Post Office Box 1180
Roswell, New Mexico 88201

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Gentlemen:

Enclosed herewith is a copy of Order No. R-4159 entered in Case No. 4552 regarding the amendment of Rule 506 which was heard on June 16, 1971.

Very truly yours,

IDA RODRIGUEZ
Secretary to Mr. Porter

Enclosure

cc: Oil Conservation Commission
Hobbs, Artesia and Aztec, New Mexico

BEFORE THE
OIL CONSERVATION COMMISSION
OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION TO CONSIDER AMENDMENT OF RULE 506 OF THE COMMISSION'S RULES AND REGULATIONS

Case No. 4552

ENTRY OF APPEARANCE AND PETITION

Come now Jennings, Christie & Copple, and Kellahin & Fox and enter their appearance in the above captioned cause now pending before the Oil Conservation Commission of New Mexico, for and on behalf of Wolfson Oil Company, MKA Oil Properties, and John H. Hendrix, and Bruce A. Wilbanks.

Said attorneys, for and on behalf of the above named companies and individuals further petition the Commission for further hearing on the above cause, and in support thereof would show the Commission that the parties named were without actual notice of the hearing before the Oil Conservation Commission's examiner, held June 16, 1971, and a serious question exists as to the adquacy of the notice given; that they have substantial interests that will be seriously affected by any action the Commission may take in this cause; that they petition the Commission to set this matter for further hearing in order that they may be given the opportunity to present evidence bearing upon the matters involved in this cause, and any recommendation made by the examiner in this cause.

Respectfully submitted:

JENNINGS, CHRISTIE & COPPLE
P. O. Box 1180
Roswell, New Mexico 88201

KELLAHIN & FOX
P. O. Box 1769
Santa Fe, New Mexico 87501

By Jason W. Kellahin

MONTGOMERY, FEDERICI, ANDREWS, HANNAHS & MORRIS
ATTORNEYS AND COUNSELORS AT LAW
350 EAST PALACE AVENUE
SANTA FE, NEW MEXICO 87501

POST OFFICE BOX 2307
AREA CODE 505
TELEPHONE 982-3876

J. O. SETH (1883-1963)

A. K. MONTGOMERY
WM. FEDERICI
FRANK ANDREWS
FRED C. HANNAHS
RICHARD S. MORRIS
SUMNER G. BUELL
SETH D. MONTGOMERY
FRANK ANDREWS III

OWEN M. LOPEZ

JUL 21 1971

July 20, 1971

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. George Hatch

Gentlemen:

Please be advised that Mr. David Burleson, attorney with the General Counsel's Office of El Paso Natural Gas Company, is associated with our law firm for the purposes of entering his appearance and making a statement on behalf of said company in the "de novo" hearing set for case #4552 on July 21, 1971.

MONTGOMERY, FEDERICI, ANDREWS,
HANNAHS & MORRIS

By Owen M. Lopez

OML/cd

Docket No. 15-71

DOCKET: REGULAR HEARING - WEDNESDAY - JULY 21, 1971

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

TEXAS PACIFIC OIL COMPANY
P. O. Box 4067
Midland, Texas 79701

July 20, 1971

New Mexico Oil Conservation Commission
Capitol Building
Santa Fe, New Mexico 87501

Gentlemen:

Texas Pacific Oil Company, Inc., as operator in the state of New Mexico, recommends the amendment of 506 B-4A as proposed in Case No. 4552 in the hearing De Novo but also recommends that the effect be suspended for six to nine months in order to initiate field studies where justified to determine applicable limiting GOR's.

Very truly yours,

TEXAS PACIFIC OIL COMPANY, INC.

R. J. Womack

R. J. Womack
District Manager

ab

Re Case 4552 (De Novo)

MABEE PETROLEUM CORPORATION
201 FIRST SAVINGS BUILDING
MIDLAND, TEXAS 79701

July 13, 1971

71 JUL 12

Mr. A. L. Porter, Jr.
N. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

This letter is in regard to the De Novo hearing in Case #4552 concerning the deletion of the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed lawfully produced.

Over the years, it would appear that two rules existed which were in conflict. One was to permit all casinghead gas production in a well provided the oil production did not exceed the allowable. The other was to permit only that casinghead gas production which did not exceed the amount determined by multiplying the top allowable by the limiting gas-oil ratio of a field. The former was the most prevalent in usage and by permitting this practice over the years, the New Mexico Oil Conservation Commission has caused the development of reserves that would not have occurred any other way. Your recent ruling in Case #4552 puts this practice in jeopardy.

It is our understanding that this ruling was caused by a local situation which required a remedy. Since this has been permitted state-wide, a sudden ruling of this type places a burden on the older existing pools where operating gas-oil ratios far exceed the limiting gas-oil ratio. Rather than a sudden ruling in order to relieve a local situation, it is recommended that committees be formed to study the effect on the various pools involved with the view of raising the limiting gas-oil ratios in some of these fields that would be consistent with good conservation practices. This could be accomplished in one year's time, or less, and after due public hearing, a ruling could be made based on the recommendations of the committees.

From the data presented in the original hearing, a considerable amount of gas production would be lost during a period when a shortage of gas exists in the Nation's energy picture. Since most of the gas plants in Southeast Lea County flare little, if any, gas at all and are actively seeking new sources, the curtailment of this gas production would have a significant impact on further development drilling

in Southeast Lea County and in this area's contribution to alleviate the present national gas shortage.

It is requested that this letter be made part of the record of the De Novo hearing in Case #4552.

Sincerely,

MABEE PETROLEUM CORPORATION

Ellis H. Scobey

Ellis H. Scobey

EHSnb

Permian Basin Petroleum Association
110 Wilkinson-Foster Building 684-6345
Midland, Texas 79701

July 14, 1971

Mr. A. L. Porter, Jr.,
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

It has come to our attention that the New Mexico Oil Conservation Commission is taking steps to revoke a long standing statewide rule (No. 506 b-4) that will drastically curtail the production of casinghead gas in Southeast Lea County.

Without delving into the merits of the contemplated Commission action, it would appear that such action is somewhat ill-timed in view of our common current campaign to convince both our government and consumer critics that there is a gas shortage, and that there is a great need for incentives in the form of well-head price increases if we are to eliminate the shortage.

It is feared that if our critics were aware of the planned changes of long standing Commission rules, resulting in the reduction of available gas, any future testimony before the Federal Power Commission and other federal agencies and authorities could be compromised, or discredited. We wonder if it would not be advisable to delay definitive action on this matter until the Federal Power Commission hearing regarding the Permian Basin decision is resolved.

Your favorable consideration of this matter would be appreciated and we stand ready to assist you and the Commission in any way we may be of service.

Respectfully submitted
Permian Basin Petroleum Association

W. D. Kennedy, President

WDK:gp
cc: Governor Bruce King
Attorney General David Norvell
Land Commissioner Alex J. Armijo

"The future of the petroleum industry is everybody's business"

FROM THE DESK OF ED THOMPSON

July 14, 1971

Dear Pete--

If it is proper procedure, may we have the attached letter made a part of the record of Case 4552 (De Novo)?

Best regards,

Ed

Millard Deck Oil Co.
P. O. Box 1047
Eunice, New Mexico 88231

71 JUL 19 AM 8 19

July 15, 1971

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Re: Commission Order R-4159

Gentlemen:

Please refer to your memo No. 2-71, dated June 30, 1971, concerning Rule 506 Amendment. This action comes as quite a surprise to me and quite adversely affects the eonomic interest of myself and a number of Lea County businessmen who are co-owners with me in various leases in the Eunice area. As you are no doubt aware the fields in the Eunice area are old and for the most part in the latter stages of depletion.

Based on the prior advice and prior approval of the so-called "1 Barrel Rule" by Mr. Joe Ramey, Supervisor of the NMOCC Hobbs District, I have conducted drilling operations and together with several Lea County residents established sizable equity to drill in old fields based on the "1 Barrel Rule" as advised by the NMOCC. It seems therefore, only fair and reasonable that the operator should not be subjected to such harsh action by the commission. I would like to suggest that the Commission consider granting a grace period of at least one year in order that the operator could, in part, recompute his investment equity.

I would appreciate you incorporating this into the record of Hearing of July 21, 1971. Thank you very much.

Very truly yours,

Millard Deck

MD:dl

July 16, 1971

71 JUL 19 AM 8 21

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Re: Case No. 4552

Dear Mr. Porter:

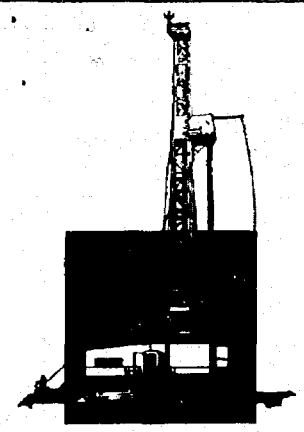
I am an independent operator in Hobbs. It is my understanding that the Commission is considering the change of Commission rules, the effect of which will be to discourage development in several of the older high gas-oil ratio fields in New Mexico. I have invested money and put together several drilling ventures that are calculated to make a fair amount of casinghead gas together with a low amount of oil. It is the casinghead gas that makes these ventures profitable and with a restriction on it I will not be able to drill any of these wells. I do not believe that the oil that I would have recovered from the proposed flank wells would be recovered from other wells in the field because of structural position and overall tightness in these areas which would result in physical waste. It is possible that the gas might migrate to another lease and be recovered there; however this seemingly would result in the violation of correlative rights.

I would therefore like to go on record as opposing any change in the present rules which discourages development and recovery of oil and gas.

Yours very truly,

BYRON M. McKNIGHT

BMM:ge



MORAN OIL PRODUCING & DRILLING CORPORATION
P. O. BOX 1919 HOBBS, NEW MEXICO 88240 (505) 393-7176 (915) 563-0562

71 JUL 20 PM 3 00

July 16, 1971

Mr. Peter Porter
N.M.O.C.C.
P. O. Box 871
Santa Fe, New Mexico 87501

Dear Pete:

It has been called to my attention that the Commission is having a hearing on doing away with Rule 506 B-4. Certainly it appears to me the Commission is to be commended for there action in this matter.

However, since some operators have planned developments and actually spent money on hypothesis that this rule would continue in effect, I earnestly request the Commission to consider staying there order for no more than six months. Further, I feel the six months delay would allow time for operators to request increase in some field G.O.R. which are unrealistically low. By staying the order for a period of time and raising some G.O.R.'s the reduction in production of both Gas and Oil would not be as severe.

If this letter would be made a part of the record, I would sincerely appreciate it.

Sincerely,

R. M. Moran

RMM/eh

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 1980 · HOBBS
June 29, 1971

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY – DIRECTOR

DIRECTIVE

To: All Oil Producers in the Vada-Pennsylvanian Pool

Although gas processing facilities in the area of the Vada-Pennsylvanian Pool have been expanded to handle an additional 30 million cubic feet of gas during the last few months, it has been brought to the attention of the Commission that casinghead gas production in this pool now exceeds processing capacity by some nine to ten million cubic feet per day.

Commission Order No. R-4070 prohibits the flaring of casinghead gas, and provides ".....in the event a plant is unable to accept, process, and market all of the casinghead gas produced by wells connected to its system,.....the Commission will take such action as is necessary to reduce the total flow of casinghead gas to such plant."

Therefore, effective July 1, 1971, and until further notice, all operators in the Vada-Pennsylvanian Pool are hereby directed to limit casinghead gas production from each well to a volume not to exceed top oil allowable times the G.O.R. limit for the pool. In other words, no well will be allowed to produce more than 668,000 cubic feet of gas per day.

This directive supersedes MEMO 2-71 attached to the front of the July-August Oil Proration Schedule for District I.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. Porter, Jr.
Secretary-Director

RECEIVED
AUG 10 1971
OIL CONSERVATION COMM

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION TO CONSIDER THE AMENDMENT OF RULE 506 OF THE COMMISSION RULES AND REGULATIONS BY DELETING THEREFROM THE PROVISION THAT ALL GAS PRODUCED WITH THE CURRENT OIL ALLOWABLE DETERMINED IN ACCORDANCE WITH RULE 506 SHALL BE DEEMED TO HAVE BEEN LAWFULLY PRODUCED.

Case 4552

MEMORANDUM OF ATLANTIC RICHFIELD COMPANY

Comes Atlantic Richfield Com pany, acting by and through the undersigned attorneys, and files the following memorandum in the above case, the hearing on which was held de novo on July 21, 1971.

POINT I

SCOPE OF HEARING

The hearing on the proposed amendment of Rule 506 was called by the Oil Conservation Commission upon its own motion. Rule 506 is a statewide rule. At the hearing, the testimony introduced, other than by the Commission, only related to a specific pool and was not directed to the proposed amendment as a state wide rule, and because of being a statewide rule, of course affects many other pools or fields in the state. Atlantic Richfield is interested in the amendment as a statewide rule and supports the Commission in its adoption from the standpoint generally that it will be in the interest of conservation, provention of waste and the protection of correlative rights. The fact that in a few or isolated cases there may be some hardship does not justify the postponement of the amendment of the rule. If the amendment is adopted, if there are any instances where an exception to the rule would be justified, those affected will always have the right and opportunity to file an application with the Commission

for an exception and to introduce evidence with respect thereto so that the Commission may consider such exception. We submit that the Commission should not consider the deferment of the adoption of the amendment and should not be precluded from adopting the amendment having statewide effect simply because evidence introduced at the hearing indicates that there may be a hardship in a particular isolated case.

POINT II

EQUITABLE ESTOPPEL

In a brief filed on behalf of MKA et al, the question was raised as to whether an administrative agency should be permitted to change or amend its prior rules or orders where to do so will result in depriving parties of substantial rights and privileges. In this connection we wish to refer you to the case of Railroad Commission of Texas et al v. Aluminum Company of America, decided by the Supreme Court of Texas on May 27, 1964, 380 S.W. 2d 599. This case stands for the principle that the Railroad Commission of Texas has power to regulate oil and gas production in the interest of conservation and protection of correlative rights and this power "is a continuing one and its orders are subject to change or modification where conditions have changed materially, new and unforeseen problems arise, or mistakes are discovered". While this case relates to the Railroad Commission of Texas, the New Mexico Oil Conservation Commission has the same power and authority and the following quotation taken from the same case is equally applicable to the New Mexico Oil Conservation Commission:

> "It is equally true that no landowner or operator acquires any vested right to continue to produce the same amount of oil or gas during the life of such well as was fixed by the proration schedule in force at the time he drilled his well. The regulation of the production of oil and gas is a valid exercise of the state police power."

We submit that there can be no equitable estoppel which would prevent the Oil Conservation Commission from making changes in its rules and regulations that are in the interest of conservation, protection of correlative rights, particularly where conditions have changed materially and new and unforeseen problems have arisen or mistakes are discovered.

POINT III

CORRELATIVE RIGHTS

Should the Commission consider correlative rights on a well basis or on a lease basis? In the brief of MKA et al, the definition of correlative rights as contained in Section 65-3-29, N.M.S.A. 1953 Annotated is referred to and because of the use of the word "property" it is contended that correlative rights should be administered on a lease basis rather than on a well basis.

Considering all of the provisions of the Oil Conservation Act we believe that it is clear that it was legislative intent to administer correlative rights on the basis of the well spacing or proration units involved in each particular case. Section 65-3-14 in effect repeats the definition of correlative rights set forth in subsection H of 65-3-29 and in subsection (b) of 65-3-14 it is provided that the Commission may establish a proration unit for each pool which is the area which can be efficiently and economically drained and developed by one well. Subsection (c) of the same section provides for the pooling of tracts to make up proration units. Subsections (d), (e) and (f) of the same section all relate to allowable production from well spacing or proration units.

From the foregoing it would seem to be clear that the use of the word "property" relates to the leasehold interests contained in the spacing or proration units involved, rather than the entire lease. It is obvious that it would not be practical for the Commission to

consider, in administering correlative rights, all of the lands in a lease due to the fact that some of the lands may be productive and some non-productive and could be widely scattered. We therefore submit that the proration units involved should be considered rather than leases in determining whether or not correlative rights have been violated.

Respectfully submitted,

ATLANTIC RICHFIELD COMPANY

By _____

Member of the Firm of
HINKLE, BONDURANT, COX & EATON
P.O. Box 10
Roswell, New Mexico 88201
Attorneys for Atlantic Richfield Company

Copies mailed to S. B. Christy IV, representing MKA et al and to William V. Kastler of Gulf Oil Corporation, this 10th day of August, 1971.

BEFORE THE

OIL CONSERVATION COMMISSION

OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION TO CONSIDER AMENDMENT OF RULE 506 OF THE COMMISSION'S RULES AND REGULATIONS.

No. 4552
Order No. R-4159

APPLICATION FOR HEARING DE NOVO

Come now Wolfson Oil Company, MKA Oil Properties, John H. Hendrix and Bruce A. Wilbanks, by their attorneys, having heretofore entered their appearance in the above case, and as parties being adversely affected by the provisions of Order No. R-4159, entered June 25, 1971, apply to the Oil Conservation Commission of New Mexico for a hearing de novo of the above case and order as provided by Section 65-3-11.1, New Mexico Statutes Annotated, 1953 Compilation, as amended.

Respectfully submitted,

JENNINGS, CHRISTIE & COPPLE
P. O. Box 1180
Roswell, New Mexico 88201

KELLAHIN & FOX
P. O. Box 1769
Santa Fe, New Mexico 87501

By Jason W. Kellahin

ATTORNEYS FOR APPLICANT

DOCKET MAILED
Date 7-27-71

DRAFT

GMH/dr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

8-9-71

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION UPON ITS OWN MOTION TO CONSIDER THE AMENDMENT OF RULE 506 OF THE COMMISSION RULES AND REGULATIONS BY DELETING THEREFROM THE PROVISION THAT ALL GAS PRODUCED WITH THE CURRENT OIL ALLOWABLE DETERMINED IN ACCORDANCE WITH RULE 506 SHALL BE DEEMED TO HAVE BEEN LAWFULLY PRODUCED.

CASE NO. 4552 (De Novo)
Order No. R-4159-A

Records Center

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing de novo at 9 a.m. on July 21, 1971, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this _____ day of August, 1971, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That subparagraph (2) of Rule 506 of the New Mexico Conservation Commission Rules and Regulations provides that any unit containing a well or wells producing from a reservoir which contains both oil and gas shall be permitted to produce only that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool.

(3) That subparagraph (4) of Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations provides that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

(4) That Case 4552 was called by the Oil Conservation Commission on its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

(5) That after an examiner hearing, Commission Order No. R-4159, dated June 25, 1971, was entered in Case 4552 amending Rule 506 of the New Mexico Oil Conservation Commission Rules and Regulations by deleting therefrom Subparagraph (4) which reads as follows:

"(4) All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."

(6) That Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks requested and were granted a hearing de novo of Case 4552 before the Oil Conservation Commission.

(7) That as a result of the provision of the above-described subparagraph (4) many wells producing from reservoirs which contain both oil and gas are producing volumes of gas greatly in excess of the volumes of gas authorized by the above-described subparagraph (2).

(8) That the production of gas, from a unit containing a well or wells producing from a reservoir which contains both oil and gas, in excess of that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool reduces or tends to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from the pool.

CASE 4552 (De Novo):

EXHIBIT 7
Page 1 of 3

MCF RESERVOIR VOIDAGE

Back calculation of Pressure Used by Joe D. Ramey at OCC Case 4552 Hearing 6/16/71.

I. DRINKARD FIELD:

BHT = $130^{o}F + 460 = 590^{o}R$

Gas Gravity = 0.765

Calculated Z = 0.94

Assumed Pressure = 315 psia

$$B_g = \frac{(35.35)(315 \text{ psia})}{(0.94)(590^{o}R)} = 20.08 \text{ SCF/Res. ft}^3$$

Voidage Calculation:

(31 BO)(1.1 FVF)(.00561 MCF/Bbl) = 0.19 MCF
58,307 MCF ÷ 20.08 SCF/Res.ft^3 = 2903.74 MCF
2903.93 MCF

Thus 2904 MCF vs 2908 MCF is a reasonable check.

A. Produced GOR for April, 1971, for wells producing 1 BO/Day or less (29 wells):

Gas Production = 230,583 MCF
Oil Production = 696 BO
GOR = 331.297 MCF/BO

B. Reservoir Voidage of 1 Bbl well producing at a GOR of 331.297 MCF/BO at a pressure of 315 psia:

(31 BO)(1.1 FVF)(.00561 MCF/Bbl) = 0.19 MCF
(31 BO)(331.297 MCF/Bbl) = 10,270 MCF ÷ 20.08 SCF/Res.ft^3 = 511.45 MCF
511.64 MCF as compared to 2908 MCF.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
MKA Exhibit No. 7
Case No. 4552

CASE 4552 (De Novo):
MCF RESERVOIR VOIDAGE

II. MONUMENT (G-SA) FIELD:

BHT = $90^{o}F + 460 = 550^{o}R$

Gas Gravity = 0.765 (est.)

Calculated Z = 0.92

Assumed Pressure = 375 psia

$$B_g = \frac{(35.35)(375 \text{ psia})}{(0.92)(550^{o}R)} = 26.2 \text{ SCF/Res. ft}^3$$

Voidage Calculation:

(31 BO)(1.1 FVF)(.00561 MCF/Bbl) = 0.19 MCF
49,895 MCF ÷ 26.2 SCF/Res. ft^3 = 1904.39 MCF
1904.58 MCF

Thus 1904 vs 1915 is a reasonable check.

A. Produced GOR for April, 1971, for wells producing 1 BO/Day or less (36 wells):

Gas Production = 622,333 MCF
Oil Production = 728 BO
GOR = 854.853 MCF/BO

B. Reservoir Voidage of 1 Bbl well producing at a GOR of 854.853 MCF/BO at a pressure of 375 psia:

(31 BO)(1.1 FVF)(.00561 MCF/BO) = 0.19 MCF
(31 BO)(854.853 MCF/BO) = 26,500 MCF ÷ 26.2 SCF/Res. ft^3 = 1011.45 MCF
1011.64 MCF as compared to 1915 MCF.

C. Effect of pressure differences on voidage calculations:

Assume 415 psia for a top allowable well producing at maximum GOR:

$$B_g = \frac{(35.35)(415 \text{ psia})}{(0.91)(550^{o}R)} = 29.3 \text{ SCF/Res. ft}^3$$

(2480 BO)(1.1 FVF)(.00561 MCF/Bbl) = 15.30 MCF
7440 MCF ÷ 29.3 SCF/Res. ft^3 = 253.92 MCF
269.22 MCF

C. (Cont'd)

Assume 765 psia for a high GOR 1 Bbl well:

$$B_g = \frac{(35.35)(765 \text{ psia})}{(0.84)(550^{\circ}R)} = 58.5 \text{ SCF/Res. ft}^3$$

(31 BO)(1.1 FVF)(.00561 MCF/Bbl) = 0.19 MCF
26,500 MCF ÷ 58.5 SCF/Res. ft^3 = 453.00 MCF
453.19 MCF

D. Therefore possible range of voidage ratios of a 1 Bbl well with no gas restriction to a top allowable well producing at maximum GOR is:

Mr. Ramey's exhibit presented 6/16/71:

$$\frac{1915 \text{ MCF}}{302 \text{ MCF}} = 6.34$$

Example (C.) above:

$$\frac{453.19 \text{ MCF}}{269.22 \text{ MCF}} = 1.68$$

BAILEY, SIPES, WILLIAMSON & RUNYAN, INC.
1100 V & J TOWER MIDLAND, TEXAS 79701
ROY C. WILLIAMSON, JR., P. E./pw 7/19/71

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
MKA Exhibit No. 8
Case No. 4552

CASE 4552 (De Novo):

EXHIBIT 8
Page 1 of 1

CALCULATIONS OF RESERVOIR VOIDAGE ON A LEASE BASIS

DRINKARD FIELD:

Wilbanks, Bruce A. - Brunson "C" Lease: 4 wells producing - 160 Acres

1. 4 top allowable wells producing at maximum GOR =*468 MCF x 4 = 1872 MCF

2. Production from 4 wells for February, 1971

(704 BO)((1.1 FVF)(.00561 MCF/Bbl) = 4.34 MCF
79,435 MCF ÷ 20.08 SCF/Res. ft^3 = 3955.92 MCF
3960.26 MCF

3. Total Lease Voidage Ratio: $\frac{3960.26 \text{ MCF}}{1872 \text{ MCF}} = 2.11$ as compared

to a 1 well ratio of $\frac{*2908 \text{ MCF}}{*468 \text{ MCF}} = 6.21$

MONUMENT (G-SA) FIELD:

Wilbanks, Bruce A. - Wood State "A" Lease: 1 well producing - 80 Acres

1. 2 top allowable wells producing at maximum GOR = *302 MCF x 2 = 604 MCF

2. Production from 1 well for February, 1971

(12 BO)(1.1 FVF)(.00561 MCF/Bbl) = 0.07 MCF
35,452 MCF ÷ 26.2 SCF/Res. ft^3 = 1353.13 MCF
1353.20 MCF

3. Total Lease Voidage Ratio = $\frac{1353.2 \text{ MCF}}{604 \text{ MCF}} = 2.24$ as compared

to a 1 well ratio of $\frac{*1915 \text{ MCF}}{*302 \text{ MCF}} = 6.34$

* (from Mr. Ramey's exhibit presented at 6/16/71 hearing)

BAILEY, SIPES, WILLIAMSON & RUNYAN, INC.
1100 V & J TOWER MIDLAND, TEXAS 79701
ROY C. WILLIAMSON, JR., P. E./pw 7/19/71

CASE 4552 (De Novo):

EXHIBIT 9

Page 1 of 1

EFFECT OF INCREASING GOR LIMITS ON MR. RAMSEY'S VOIDAGE CALCULATIONS PRESENTED AT OCC CASE 4552 HEARING ON 6/16/71

DRINKARD FIELD:

Assume that GOR is increased from 2000 ft^3/BO to 6000 ft^3/BO

Example: Wilbanks, Bruce A. - Brunson "C" Lease:

Voidage for 1 top allowable well =

(4402 BO)(1.1 FVF)(.00561 MCF/Bbl) = 27.16 MCF
26,412 MCF ÷ 20.08 SCF/Res.ft^3 = 1315.34 MCF
1342.50 MCF

Therefore, 4 wells (160 Acres) x 1342.5 MCF = 5370 MCF as compared to voidage created by 4 wells production for February, 1971 of 3960.26 MCF.*

MONUMENT (G-SA) FIELD:

Assume that GOR is increased from 3000 ft^3/BO to 6000 ft^3/BO

Example: Wilbanks, Bruce A. - Wood State "A" Lease:

Voidage for 1 top allowable well =

(2480 BO)(1.1 FVF)(.00561 MCF/Bbl) = 15.3 MCF
14,880 MCF ÷ 26.2 SCF/Res. ft^3 = 567.9 MCF
583.2 MCF

Therefore, 2 wells (80 Acres) x 583.2 MCF = 1166.4 MCF as compared to voidage created by 1 well's production for February, 1971 of 1353.2 MCF.*

*Calculated on Exhibit____

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
MKA Exhibit No. 9
Case No. 4552

BAILEY, SIPES, WILLIAMSON & RUNYAN, INC.
1100 V & J TOWER MIDLAND, TEXAS 79701
ROY C. WILLIAMSON, JR., P. E./pw 7/19/71

Wolfson Oil Company

Cline - Federal Lease

Oil, Bbls. / Yr.

Using 5 mos. prod. on yearly basis

Acquired by Wolfson Oil Co. 2-1-71

1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 19

MAR. JUNE SEPT. DEC.

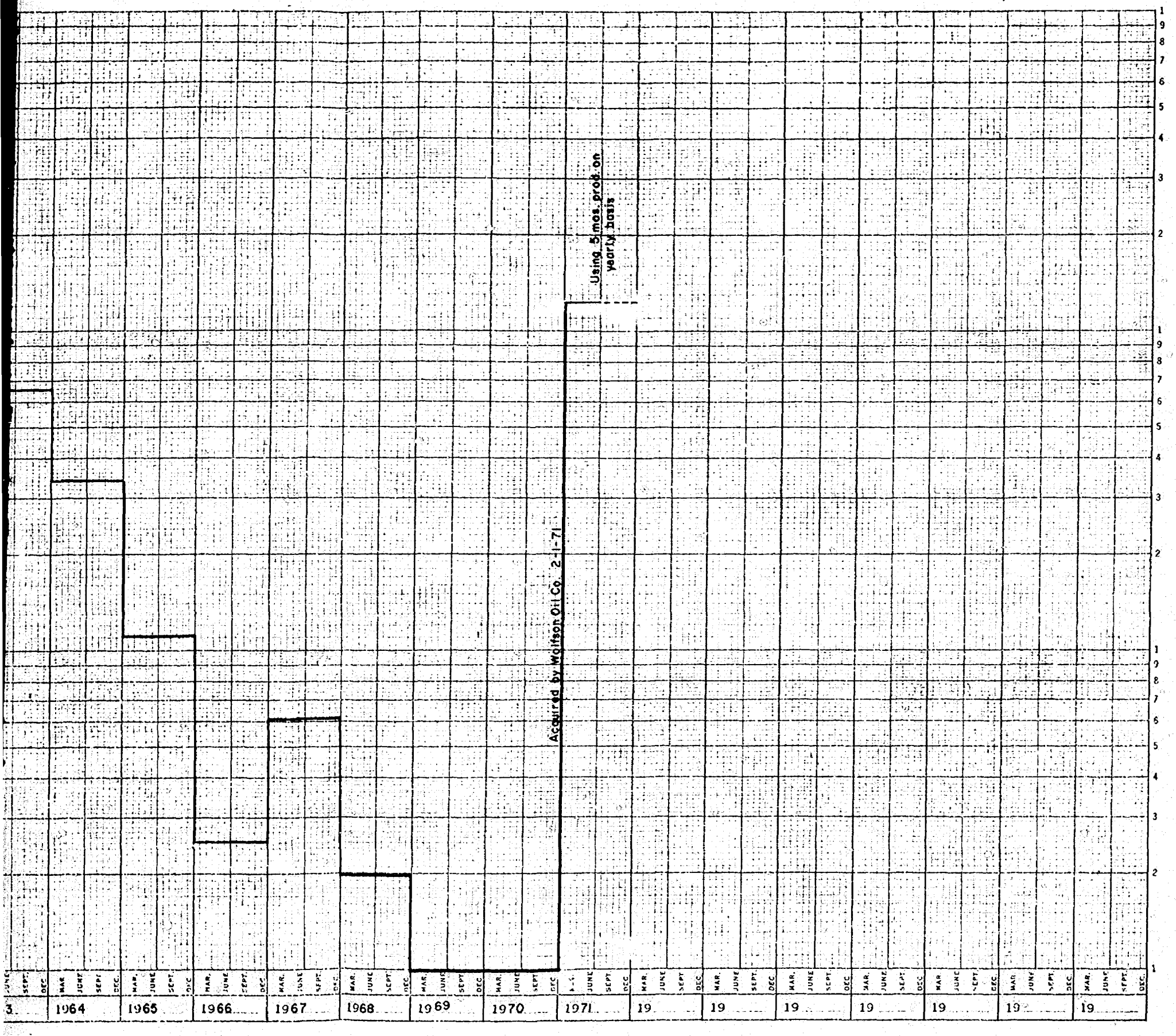
10,000 9 8 7 6 5 4 3 2 1000 9 8 7 6 5 4 3 2 100

20 YEARS BY MONTHS 47 6843
X-3 LOG CYCLES
KEUFFEL & ESSER CO.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 10
MKA
47572

Cline - Federal Lease

Langlie - Mattix Field
Lea Co., New Mexico



BEFORE T
OIL CONSERVATION C N
Santa Fe, New
MKA Exhibit No 11
ase No. 4552

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

P. O. BOX 2088
SANTA FE

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

March 3, 1966

MEMORANDUM

TO: GOVERNOR CAMPBELL

FROM: A. L. PORTER, Jr.

SUBJECT: GAS PRODUCTION, LANGLIE-MATTIX AND SOUTH EUNICE POOLS

With reference to our telephone conversation of yesterday, I have found that in a number of instances the amount of gas actually produced greatly exceeds the amount allowed under Section (b) (2) of Rule 506 which limits the amount of gas produced to "that volume of gas equivalent to the applicable limiting gas-oil ratio multiplied by the top unit allowable currently assigned to the pool."

The excess gas is then made legal by Section (b) (4), which says that "All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been legally produced."

In actual practice here is the way the rule works:

The G.O.R. limit is 10,000 to 1.
The normal unit allowable is 40 bbls.
The actual measured gas-oil ratio for an individual well is 40,000 to 1 as reported on the annual gas-oil ratio test.

March 3, 1966

MEMORANDUM

TO: GOVERNOR CAMPBELL

$$\frac{40 \times 10,000}{40,000} = 10 \text{ bbls.}$$

The operator is allowed to produce 10 barrels of oil plus all the gas that may be produced with the 10 barrels of oil. This may exceed the 400,000 cubic feet of gas allowed under Section (b) (2) due to the fact that the actual gas-oil ratio for the well has increased since the annual gas-oil ratio test was filed.

The only way that this situation could be corrected would be to strictly limit each well or proration unit to the 400,000 cubic feet of gas per day and treat the oil as an incidental product.

The two sections of the rule are contradictory, but we have never considered an operator in violation of the rule unless he produces more oil than the formula allows.

You may recall that you and I discussed this same situation in the Townsend Pool in a controversy between Shell and Wilshire in the Spring of 1956.

RECEIVED SEP 1967 WOLFSON OIL CO.

ALP/esr

TEXAS PACIFIC OIL COMPANY
P. O. Box 4067
Midland, Texas
79701

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
MKA Exhibit No. 12
Case No. 4552

December 5, 1969

Wolfson Oil Company
311 Midland National Bank
Midland, Texas 79701

Re: Exception to NMOCC Rule 506(d)
Drinkard Pool
Lea County, New Mexico

Gentlemen:

Texas Pacific Oil Company, Inc. is preparing to make application to the New Mexico Oil Conservation Commission for a February, 1970, Examiner Hearing that will request an exception to Statewide Rule 506(d) for the Drinkard Pool, which is located in Lea County, New Mexico. This rule states that an oil pool GOR limit of 2,000 cubic feet per barrel is in force until such time as changed by order of the Commission issued after a hearing. It will be our proposal to increase the GOR limitation to 10,000 cubic feet per barrel.

As probably you are aware, the Drinkard Pool is in the latter stages of oil depletion. It is our feeling that increasing gas production from the reservoir will in no way reduce the ultimate primary recovery nor waste reservoir energy.

We would appreciate receiving your company's ideas, suggestions, and support concerning this matter by January 5, 1970.

Yours truly,

R. J. Womack
Midland District Manager

TA:sss

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
MKA Exhibit No. 12
Case No. 4552

SKELLY OIL COMPANY

P. O. BOX 1650
TULSA, OKLAHOMA 74102

LAW DEPARTMENT
GEORGE W. SELINGER
SENIOR ATTORNEY

July 13, 1971

Wolfson Oil Company
311 Midland National Bank Building
Midland, Texas 79701

Gentlemen:

Skelly Oil Company operates the Eunice Plant which is connected to your leases among other leases in Southeastern New Mexico.

We are desirous of continuing the present volumes of gas going through our plant, and our facilities are adequate to handle such present volumes without any flaring. In addition, there is a vigorous market for all available gas under present conditions. We believe the Commission should consider this in conjunction with other factors facing them.

Yours very truly,

George W. Selinger

GWS:br

LAW OFFICES OF
JENNINGS, CHRISTY & COPPLE
1012 SECURITY NATIONAL BANK BUILDING
P.O. BOX 1180
ROSWELL, NEW MEXICO 88201

TELEPHONE 622-8432
AREA CODE 505

JAMES T. JENNINGS
SIM B. CHRISTY IV
ROGER L. COPPLE
BRIAN W. COPPLE

September 20, 1971

Mrs. Ida Rodriguez
Secretary to Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Case No. 4552

Dear Mrs. Rodriguez:

Thank you for the loan of the transcript of hearing of July 21, 1971, in the captioned cause. I am returning the transcript herewith.

Yours very truly,

JENNINGS, CHRISTY & COPPLE

By S. B. Christy IV
S. B. Christy IV

SBC:pv

Enclosure

MEMO NO. 2-71

OIL CONSERVATION COMMISSION
POST OFFICE BOX 2088
SANTA FE, NEW MEXICO
87501

M E M O R A N D U M

TO: ALL OPERATORS

FROM: A. L. PORTER, Jr., SECRETARY-DIRECTOR

SUBJECT: RULE 506 AMENDMENT

COMMISSION ORDER R-4159 SIGNED BY THE COMMISSION ON JUNE 25, 1971 LIMITS CASINGHEAD GAS PRODUCTION FROM EACH OIL WELL TO TOP ALLOWABLE FOR THE POOL IN WHICH IT IS LOCATED MULTIPLIED BY THE GAS-OIL RATIO LIMIT FOR THAT POOL.

FOR EXAMPLE, ALL WELLS IN THE MONUMENT POOL WOULD BE LIMITED TO 70 TIMES 3000 OR 210,000 CUBIC FEET OF GAS PER DAY DURING JULY.

THE PROVISIONS OF COMMISSION ORDER R-4159 WILL BE SUSPENDED, HOWEVER, PENDING THE OUTCOME OF THE DE NOVO HEARING TO BE HELD AT 9:00 A.M., JULY 21, 1971 AT MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

JUNE 30, 1971

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case Exhibit No. 14
Case No. 4552 (de novo)

NEW MEXICO
OIL CONSERVATION COMMISSION
STATEWIDE OIL PRORATION ORDER

THIS PRORATION SCHEDULE COVERS ALL PRODUCING OIL WELLS IN McKINLEY, RIO ARRIBA, SANDOVAL AND SAN JUAN COUNTIES.

NORMAL UNIT ALLOWABLE 100 BARRELS PER DAY

GOR TEST SCHEDULE FOR 1971

POOL	TEST PERIOD	DEADLINE FILING DATE	POOL	TEST PERIOD	DEADLINE FILING DATE
**Hospah Upper Sand	July	Aug. 10	Lone Pine Dakota D	July	Aug. 10
So. Hospah Lwr. Sand	July	Aug. 10	Media Entrada	July	Aug. 10
So. Hospah Upr. Sand	July	Aug. 10	Pajarito Penn. D	July	Aug. 10
**Red Mtn. MV	July	Aug. 10	Simpson-Gallup	Aug.	Sept. 10
Boulder-Mancos	July	Aug. 10	**Table Mesa-Dak.	Aug.	Sept. 10
Otero-Gallup	July	Aug. 10	Slick Rock-Dak.	July	Aug. 10
East Puerto Chiq. Man.	July	Aug. 10	Tocito Dome Penn. D	Aug.	Sept. 10
West Puerto Chiq. Man.	July	Aug. 10	Totah-Gallup	July	Aug. 10
Tapacito Gal. Assoc.	July	Aug. 10	**Waterflow-Gal. So.	Aug.	Sept. 10
Bisti Lower Gallup	July	Aug. 10	All Undes. Wells	Aug.	Sept. 10
Cha Cha-Gallup	July	Aug. 10	Angels Peak-Gal.	July	Aug. 10*
Hogback-Dakota	July	Aug. 10	Blanco Toc. So.	Oct.	Nov. 10*
Horseshoe-Gal.	July	Aug. 10	Devils Fork-Gal.	July	Aug. 10*
Kutz-Gallup	July	Aug. 10	Escrito-Gallup	July	Aug. 10*
LaPlata-Gallup	July	Aug. 10	Lybrook-Gallup	July	Aug. 10*

*Other tests required by Special Pool Rules will be scheduled at later dates.

**Oil Productivity Test Only

THE DISTRICT SUPERVISOR AT AZTEC
SHOULD BE NOTIFIED OF ANY ERRORS IMMEDIATELY.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

ORDER NO. A-254
STATEWIDE OIL PRORATION ORDER FOR JULY AND AUGUST 1971

The Oil Conservation Commission held public hearing at Santa Fe, New Mexico, on June 16, 1971, at 9 a.m., pursuant to legal notice for the purpose of setting the allowable production of oil within the State of New Mexico for the months of July and August, 1971.

NOW, on this 17th day of June, 1971, the Commission a quorum being present, having considered the testimony adduced as to probable market demand, the nominations of purchasers, the capacities of producing wells, together with the anticipated newly completed or recompleted wells, and being otherwise fully advised in the premises,

FINDS:

(1) That the reasonable market demand for oil produced in the State of New Mexico during the months of July and August, 1971, is approximately 413,278 barrels per day, which total includes a demand for approximately 389,141 barrels of oil per day from the counties of Lea, Eddy, Chaves, and Roosevelt, and a demand for approximately 24,137 barrels of oil per day from the counties of San Juan, McKinley, Rio Arriba, and Sandoval.

(2) That the potential producing capacity of all oil wells in the State is in excess of such reasonable market demand, and in order to prevent waste the production of oil should be limited, allocated, and distributed for the months of July and August, 1971.

(3) That all the producing oil wells, together with the expected completed or recompleted wells in the State within the proration period, can produce a total of approximately 413,278 barrels per day without causing waste, and an allocation based upon such production would be reasonable and would protect correlative rights.

(4) That the demand for oil from each of the above-described areas is separate and distinct and cannot be reasonably met by the production of oil from the other area, and that the production allowable for each of the said areas should be based upon the demand for oil from that area.

(5) That a total Southeast New Mexico production allowable of 389,141 barrels per day, which includes 5,000 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties by the establishment of a normal unit allowable for those counties of 70 barrels per unit per day.

(6) That a total Northwest New Mexico production allowable of 24,137 barrels per day,which includes 500 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties by the establishment of a normal unit allowable for those counties of 100 barrels per unit per day.

IT IS THEREFORE ORDERED:

(1) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, is hereby set at 70 barrels per unit per day; provided that each well in the Knowles Pool in Lea County under 80-acre spacing Order No. R-40 (except as amended by Order No. R-52) is allocated 140 barrels per 80 acres, with deep-pool adaptation. Provided further that the top unit allowable for the North Mason-Delaware Pool in Lea and Eddy Counties is hereby set at 71 barrels per unit per day in accordance with the provisions of Order No. R-944. Provided further that the top unit allowable for the South Carter-San Andres Pool in Lea County is hereby set at 45 barrels per unit per day in accordance with the provisions of Order No R-1012. The allocation hereby set for said months in the allocated pools of Lea, Eddy, Chaves, and Roosevelt Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(2) A Southeast New Mexico proration schedule duly prepared by the Commission and thereafter adopted for the months of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining,

processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(3) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within San Juan, McKinley, Rio Arriba, and Sandoval Counties, New Mexico, is hereby set at 100 barrels per unit per day; provided that each well in the Bisti-Lower Gallup Oil Pool in San Juan County, to which has been dedicated 80 acres, is allocated 200 barrels per 80 acres in accordance with the provisions of Order No. R-1069-B. The allocation hereby set for said months in the allocated pools of San Juan, McKinley, Rio Arriba, and Sandoval Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(4) A Northwest New Mexico proration schedule duly prepared by the Commission and threrafter adopted for the month of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining, processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(5) For the months of July and August, 1971, the basic 40-acre Area Allowable Factors for waterfloods in Southeast New Mexico and Northwest New Mexico shall be 70 and 100, respectively, in accordance with Rule 701 E 4 of the Commission Rules and Regulations.

IT IS FURTHER ORDERED:

The foregoing order shall remain effective until further order of the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

SUPPLEMENTS FOR THE MARCH & APRIL, 1971 OIL PRORATION SCHEDULE FOR NORTHWEST, NEW MEXICO

NO.	COMPANY	LEASE	WELL NO.	U.S.T.R.	POOL	DAILY	ALLOWABLE MARCH	APRIL	DATE EFFECTIVE	ASSIGNED OR REVISED
26.	Tenneco Oil Co.	SFP-RR	15	J 7-17-8	Lone Pine Dak. D	100	--------	1400	4-17-71	A/New Well
27.	"	"	3	B 24-17-9	"	114	Uneffected	3420	4-1-71	A/R
28.	Henry S. Birdseye	Santa Fe RR	10	P 21-20-9	Chaco Wash MV	33	"	297	4-22-71	"
29.	Tesoro Petro. Corp.	Santa Fe RR "A"	74	I 1-17-9	Hospah Lwr. Snd.So.	45	"	1284	4-23-71	"
30.	Merrion & Bayless	Morgan	3	D 31-27-12	Gallegos-Gallup	1	"	5	4-26-71	"

SUPPLEMENTS FOR THE MAY & JUNE, 1971 OIL PRORATION SCHEDULE FOR NORTHWEST, NEW MEXICO

							MAY	JUNE		
1.	Tenneco Oil Co.	SFP-RR	15	J 7-17-8	Lone Pine Dak. D	100	3100	3000	4-17-71	A/New Well 2
2.	"	"	3	B 24-17-9	"	114	3534	3420	4-1-71	A/R 2
3.	Henry S. Birdseye	Santa Fe RR	10	P 21-20-9	Chaco Wash MV	33	1023	990	4-22-71	"
4.	Tesoro Petro. Corp.	Santa Fe RR "A"	74	I 1-17-9	Hospah Lwr. Snd.So.	45	1393	1350	4-23-71	"
5.	Merrion & Bayless	Morgan	3	D 31-27-12	Gallegos-Gallup	1	31	30	4-26-71	"
6.	"	Western	1	N 7-26-11	"	20**	540	600	5-11-71	A/R
7.	"	Morgan	3	D 31-27-12	"	2**	52	60	"	"
8.	Noel Reynolds	Ake	1	I 11-24-8	Escrito-Gallup	10	300	300	5-6-71	"
9.	BCO, Inc.	Fed. 3-21	2	H 21-24-7	"	3	78	90	"	"
	"	Stephenson	1	D 22-24-7	"	13**	408	390	"	"
10.	Pet. Consultants, Inc.	Connie	5	G 21-24-7	"	13	393	390	3-11-71	"
11.	Byron Oil Industries	Hanson Fed.	1	L 3-23-7	Lybrook-Gallup	18**	554	540	5-4-71	"
12.	Tesoro Petroleum Corp.	So. Hospah Upper Sand "A" Waterflood Project			Hospah Upper Sand So.	66	1760	1980		
		Revised Prouect Totals:								
		Assigned Allow.	2 wells		66 BOPD					
		Available Allow.			404 BOPD					
13.	James P. Woosley	Many Rocks Gallup PM Project #1			Many Rocks Gallup,North	36	1012	1080	5-14-71	A/R
	Based on New Well:	Navajo "AA"	8-Y	M 17-32-17	IP 8 BOPD					
		Revised Project Totals								
		Assigned Allow.	8 wells		36 BOPD					
		Transfer Allow.			300 BOPD					
		Available Allow.			336 BOPD				5-14-71	A/R
14.	Caulkins Oil Co.	Breech C	144	A 12-26-6	Blanco Toc. So.	11**	335	330	5-4-71	"
15.	Amoco Prod. Co.	USG Sec. 18	8,32	O 18-29-16	Hogback-Dak.	7	207	210	5-6-71	"
16.	"	"	27	N "	"	100	3025	3000	"	"

SUPPLEMENTS TO THE MAY & JUNE, 1971, OIL PRORATION SCHEDULE FOR NORTHWEST, N.M. -- CONT'D.

NO.	COMPANY	LEASE	WELL NO.	U.S.T.R.	POOL	ALLOWABLE DAILY	ALLOWABLE MAY	ALLOWABLE JUNE	DATE EFFECTIVE	ASSIGNED OR REVISED
17.	Merrion & Bayless	CLU	122	O 8-24-6	Devils Fork-Gal.	70	1870	2100	5-11-71	A/R
18.	"	"	129	G "	"	10**	290	300	"	"
19.	J. Gregory Merrion	Edna	2	O 7-24-6	"	8**	228	240	"	"
20.	"	"	3	E "	"	7**	167	210	"	"
21.	Amoco Prod. Co.	Nav. Tr. N	1	M 17-26-18	Toc. Dome Penn. D	137	2466	4110	5-14-71	"
22.	Skelly Oil Co.	Navajo C	1	D 24-26-12	Gallegos-Gal.	15	315	450	5-21-71	"
23.	Walter Duncan	North Hogback 7	1	E 7-29-16	Slickrock-Dakota	18	Uneffected	540	7-1-71	"
24.	BCO, Inc.	Federal C	1	P 31-23-7	Sand. Undes. Gal.	50	550	1500	5-21-71	A/New Well
25.	"	Federal D	1	G 1-23-9	S.J. Undes. Gal.	82	--	2460	6-1-71	"
26.	Skelly Oil Co.	Farming E	2	B 2-24-6	Otero-Gallup	17	Uneffected	503	6-2-71	A/R
27.	Chaco Oil Co.	Birdseye Chaco Wash Waterflood Project Red Mtn. MV				16	"	464		
		Revised Project Totals								
		Assigned Allowable	3 wells		16 BOPD					
		Transfer Allowable			699 BOPD				6-2-71	A/R
		Availeble Allowable			715 BOPD				6-1-71	"
28.	A. N. Brown	McAdams	3	H 34-27-10	Angels Peak-Gal.	6**	--	180	6-1-71	"
29.	W. C. Imbt	Navajo 18	7,11	K 18-29-16	Hogback-Dak.	100	Uneffected	2904	6-9-71	"
30.	"	"	8,10	J "	"	100	"	2512	"	"
31.	"	"	1,6,9	F "	"	95	"	2458	"	"
32.	Aztec O & G Co.	Frontier B	2	D 9-27-11	Kutz-Gallup	3	"	48	6-15-71	"
	"	" C	2	I 5-27-11	"	4	"	78	"	"
	"	" E	1	O 4-27-11	"	4	"	78	"	"

DISTRICT III OIL PRORATION SCHEDULE FOR JULY & AUGUST, 1971

COMPANY / LEASE	WELL	UNIT	S.T.R.	JULY & AUGUST DAILY	GOR
* EFFECTIVE GAS-OIL RATIO					
** NON-EFFECTIVE GAS-OIL RATIO					
() GAS-OIL RATIO					
ANGELS PEAK GALLUP (80 Acre Spacing)					
Top Allowable 277			GOR LIMIT 2,000		
AMOCO PRODUCTION COMPANY					
Jack Frost B	1	P	27-27-10	S.I.	
C.A.McAdams B	1	J	28-27-10	S.I.	
"	2	E	"	S.I.	
A. N. BROWN					
McAdams (6)	3	H	34-27-10	6	**20646
EL PASO NATURAL GAS CO.					
Huerfano U. NP					
" (4)	110	I	3-26-10	4	**16857
POOL TOTAL	2			10	
AKAH NEZ DEVONIAN (80 Acre Spacing)					
Top Allowable 100			GOR Limit 2,000		
KERR McGEE CORP.					
Navajo J	1	A	23-23-20	No C-116	
BISTI LOWER GALLUP (80 Acre Spacing)					
Top Allowable 200			GOR Limit 2,000		
DUGAN PRODUCTION CORP.					
Bedford	1	E	15-25-11	15	1562
Largo Fed. B					
" (4)	1	A	22-24-9	4	**9143
So. Huerfano Fed.					
" (2)	1	M	15-24-9	2	**47500
COMPANY TOTAL	3			21	
THOMAS A. DUGAN					
Sears & Roebuck					
"	1	A	5-24-10	No C-116	
BENJAMIN ELENBOGEN					
F.R.Jackson (6)	1	E	15-24-9	6	TSTM
GULF OIL CORP.					
WEST BISTI PROJECT					
WBU	100	G	13-26-14	35	
"	102	L	18-26-13	S.I.	
"	103	O	"	S.I.	
"	104	N	"	58	
"	106	D	19-26-13	42	
"	107	B	"	29	
"	109	H	20-26-13	S.I.	
"	110	F	"	43	
"	112	F	19-29-13	S.I.	
"	114	L	20-26-13	11	
"	115	J	"	22	
"	118	P	"	S.I.	
"	119	N	"	43	
"	121	C	29-26-13	15	
"	123	C	28-26-13	S.I.	
"	124	A	"	45	
"	126	E	27-26-13	27	
"	127	G	28-26-13	178	
"	128	E	"	3	
"	129	K	"	20	
"	132	I	"	S.I.	
"	134	I	27-26-13	S.I.	
"	135	K	26-26-13	3	

COMPANY / LEASE	WELL	UNIT	S.T.R.	JULY & AUGUST DAILY	GOR
GULF OIL CORP. CONT'D.					
WBU	136	O	26-26-13	13	
"	137	M	26-26-13	33	
"	139	O	27-26-13	40	
"	141	O	28-26-13	S.I.	
"	142	M	28-26-13	11	
"	145	A	34-26-13	13	
"	146	C	35-26-13	3	
"	148	F	36-26-13	3	
"	152	G	34-26-13	33	
"	154	I	35-26-13	13	
"	155	L	36-26-13	40	
"	156	J	"	18	
"	157	P	"	S.I.	
"	158	N	"	67	
"	159	O	35-26-13	3	
"	160	C	1-25-13	27	
"	161	A	"	S.I.	
"	162	G	"	S.I.	
"	163	E	3-25-13	22	
"	165	O	1-25-12	S.I.	
"	101	I	13-26-14	WI	
"	105	O	"	"	
"	108	D	20-26-13	"	
"	111	H	19-26-13	"	
"	113	J	"	"	
"	116	K	21-26-13	"	
"	117	M	"	"	
"	120	B	30-26-13	"	
"	122	A	29-26-13	"	
"	125	G	27-26-13	"	
"	133	K	"	"	
"	134	I	"	"	
"	140	M	"	"	
"	143	A	33-26-13	"	
"	144	D	34-26-13	"	
"	147	D	36-26-13	"	
"	150	G	35-26-13	"	
"	151	E	"	"	
"	153	K	"	"	
"	166	A	12-25-13	"	
PROJECT TOTALS					
ASSIGN. ALLOW.	30			913	
TRANS. ALLOW.				2000	
AVAIL. ALLOW.				2913	
HARVEY H. HENRY					
Murchison Fed.					
"	2	P	3-25-12	No C-116	
"	3	G	"	No C-116	
PETROLEUM CONSULTANTS, INC.					
Fed. (54)	2	A	9-24-10	54	276
SHELL OIL COMPANY					
CARSON BISTI LOWER GALLUP PROJECT					
Carson U. 7	3	L	7-25-11	S.I.	
"	34	O	"	S.I.	
" 10	23	K	10-25-12	S.I.	
"	24	N	"	S.I.	
"	33	J	"	9	
"	34	O	"	S.I.	
"	43	I	"	S.I.	
"	44	P	"	10	
" 11	13	L	11-25-12	2	
"	33	J	"	S.I.	
"	24	O	"	7	
"	44	P	"	4	
" 12	14	M	12-25-12	S.I.	
" 13	12	E	13-25-12	3	

SHELL OIL COMPANY CONT'D.					
Carson U.	13	13	L	13-25-12	S.I.
"		14	M	"	30
"		31	B	"	S.I.
"		32	G	"	S.I.
"		33	J	"	S.I.
"		34	O	"	S.I.
"		41	A	"	S.I.
"		42	H	"	26
"		43	I	13-25-12	4
"		44	P	"	S.I.
"	14	11	D	14-25-12	6
"		12	E	"	S.I.
"		13	L	"	S.I.
"		14	M	"	S.I.
"		31	B	"	11
"		32	G	"	S.I.
"		33	J	"	S.I.
"		34	O	"	S.I.
"		41	A	"	3
"		42	H	"	10
"		43	I	"	S.I.
"		44	P	"	S.I.
"	15	21	C	15-25-12	S.I.
"		31	B	"	S.I.
"		32	G	"	S.I.
"		33	J	"	S.I.
"		41	A	"	S.I.
"		42	H	"	S.I.
"		43	I	"	S.I.
"	17	14	M	17-25-11	2
"		32	G	"	2
"		33	J	"	S.I.
"		34	O	"	S.I.
"		44	P	"	S.I.
"	18	12	E	18-25-11	S.I.
"		13	L	"	S.I.
"		14	M	"	S.I.
"		21	C	"	S.I.
"		31	B	"	S.I.
"		32	G	"	S.I.
"		33	J	"	S.I.
"		34	O	"	S.I.
"		41	A	"	3
"		42	H	"	S.I.
"		43	I	"	S.I.
"		44	P	"	11
"	19	11	D	19-25-11	S.I.
"		12	E	"	S.I.
"		23	K	"	S.I.
"		31	B	"	S.I.
"		32	G	"	S.I.
"		34	O	"	S.I.
"		41	A	"	S.I.
"	20	4	C	20-25-11	5
"	23	31	B	23-25-12	S.I.
"		32	G	"	S.I.
"		41	A	"	3
"		42	H	"	9
"	24	1	A	24-25-12	S.I.
"		11	D	"	S.I.
"		12	E	"	S.I.
"		31	B	"	S.I.
"		33	J	"	S.I.
"		34	O	"	S.I.
"		42	H	"	S.I.
"		43	I	"	S.I.
"		44	P	"	S.I.
"	7	24	N	7-25-11	Input
"	10	31	B	10-25-12	"
"		32	G	"	"
"	11	22	F	11-25-12	"
"		23	K	"	"
"		24	K	"	"

SHELL OIL COMPANY CONT'D.					
Carson U.	12	13	L	12-25-12	Input
"	13	21	C	13-25-12	"
"		22	F	"	"
"		23	K	13-25-12	"
"		24	N	"	"
"	14	21	C	14-25-12	"
"		22	F	"	"
"		23	K	"	"
"		24	N	"	"
"	15	14	M	15-25-12	S.I.
"		23	K	"	Input
"		44	P	"	"
"	17	1	F	17-25-11	S.I.
"		2	E	"	Input
"		23	K	"	"
"		24	N	"	"
"		31	B	"	"
"		43	I	"	"
"		113	L	"	"
"	18	21	C	18-25-11	"
"		22	F	"	"
"		23	K	"	"
"		24	N	"	"
"	19	21	C	19-25-11	"
"		22	F	"	"
"	20	11	D	20-25-11	"
"		12	E	"	"
"		23	K	"	S.I.
"		32	G	"	Input
"		41	A	"	"
"	23	21	C	23-25-12	"
"		43	I	"	"
"	24	21	C	24-25-12	"
"		23	K	"	"
"		32	G	"	"
"	30	11	D	30-25-11	"

PROJECT TOTALS

ASSIGN. ALLOW.	20	160
TRANS. ALLOW.		7800
AVAIL. ALLOW.		7960

SKELLY OIL COMPANY
EAST BISTI UNIT WATERFLOOD PROJECT

EBU		2	L	16-25-11	S.I.	
"	(17)	5	O	"	17	445
"	(9)	6	N	"	9	22
"		8	D	21-25-11	S.I.	
"		9	C	"	S.I.	
"		10	B	"	S.I.	
"	(4)	14	E	24-25-11	4	200
"	(49)	15	G	23-25-11	49	250
"	(34)	16	H	22-25-11	34	79
"		19	I	"	S.I.	
"		20	L	23-25-11	S.I.	
"	(19)	21	J	"	19	194
"		23	J	24-25-11	S.I.	
"	(33)	26	O	"	33	120
"		30	O	22-25-11	S.I.	
"		32	C	22-25-11	S.I.	
"		33	B	"	S.I.	
"		35	B	30-25-10	S.I.	
"		37	G	"	S.I.	
"	(5)	39	H	25-25-11	5	**2914
"		40	E	"	S.I.	
"	(3)	42	I	26-25-11	3	**33000
"	(3)	44	K	30-25-10	3	477
"		45	J	"	S.I.	
"	(8)	46	K	29-25-10	8	85
"		47	I	29-25-10	S.I.	
"	(7)	49	D	28-25-10	7	330
"		52	M	29-25-10	S.I.	
"		55	C	31-25-10	S.I.	
"	(6)	57	C	32-25-10	6	35

BISTI LOWER GALLUP CONT'D.

SKELLY OIL COMPANY CONT'D.							
EBU		58	A	32-25-10	S.I.		
"		60	A	33-25-10	S.I.		
"		61	F	34-25-10	S.I.		
Acreage Factor .500							
EBU		63	G	33-25-10	S.I.		
"		64	F	"	S.I.		
"	(7)	65	H	32-25-10	7	785	
"		67	I	"	S.I.		
"	(9)	68	L	33-25-10	9	TSTM	
"		70	L	34-25-10	S.I.		
"		73	O	35-25-10	S.I.		
"		74	N	"	S.I.		
"	(28)	77	N	34-25-10	28	841	
"		80	P	32-25-10	S.I.		
"		82	B	4-24-10	S.I.		
"	(17)	83	D	3-24-10	17	156	
"		84	B	"	S.I.		
"		85	D	2-24-10	S.I.		
"		87	E	1-24-10	S.I.		
"	(10)	88	H	2-24-10	10	78	
"		90	H	3-24-10	S.I.		
"		92	H	4-24-10	S.I.		
"		93	K	3-24-10	S.I.		
"		94	J	"	S.I.		
"	(26)	96	J	2-24-10	22	681	
"		101	P	"	S.I.		
"		102	N	"	S.I.		
"		104	D	10-24-10	S.I.		
"		1	E	16-25-11	Input		
"		3	K	"	"		
"		7	M	"	"		
"		13	G	24-25-11	"		
"		17	I	21-25-11	"		
"		18	K	22-25-11	"		
"		22	K	24-25-11	"		
"		27	M	"	"		
"		29	N	23-25-11	"		
"		31	A	26-25-11	"		
"		36	F	29-25-10	"		
"		43	L	25-25-11	"		
"		53	P	30-25-10	"		
"		54	M	"	"		
"		56	A	31-25-10	"		
"		62	E	34-25-10	"		
"		66	F	32-25-10	"		
"		69	I	33-25-10	"		
"		78	O	"	"		
"		81	C	4-24-10	"		
"		86	B	2-24-10	"		
Acreage Factor 1.075							
EBU		89	F	"	"		
"		95	L	"	"		
"		103	P	3-24-10	"		
PROJECT TOTALS							
ASSIGN. ALLOW. 19					290		
TRANS. ALLOW.					4800		
AVAIL. ALLOW.					5090		
SKELLY OIL CO.							
EBU		4	N	15-25-11	S.I.		
"		11	C	22-25-11	S.I.		
"		12	B	"	S.I.		
"		24	O	9-25-10	S.I.		
"		25	M	"	S.I.		
"	(4)	34	C	30-25-10	4	172	
"	(4)	38	E	"	4	**2256	
"	(3)	41	I	27-25-11	3	**2523	
"		48	I	28-25-10	S.I.		
"		50	M	"	S.I.		
"	(14)	51	O	29-25-10	14	683	
"		59	D	33-25-10	S.I.		
"		71	J	34-25-10	S.I.		
"		72	I	"	S.I.		
Acreage Factor .500							

SKELLY OIL COMPANY CONT'D.							
EBU		75	M	35-25-10	S.I.		
Acreage Factor .500							
EBU		76	O	34-25-10	S.I.		
"	(6)	91	F	3-24-10	6	70	
"	(22)	97	L	1-24-10	22	814	
"		98	O	6-24-9	S.I.		
"		99	P	1-24-10	S.I.		
"	(7)	100	N	"	7	**5040	
"		105	A	11-24-10	S.I.		
"		106	D	12-24-10	S.I.		
"		107	B	"	S.I.		
"		108	D	7-24-9	S.I.		
"		109	B	"	S.I.		
"		110	G	8-24-9	S.I.		
"		111	H	7-24-9	S.I.		
"		112	F	"	S.I.		
"		113	H	12-24-10	S.I.		
"		114	F	"	S.I.		
"	(7)	115	L	7-24-9	7	1132	
"		116	J	"	S.I.		
"	(12)	117	P	8-24-9	12	181	
"	(5)	118	N	"	5	328	
"	(7)	119	A	13-24-10	7	1189	
COMPANY TOTAL 30					381		
SOUTHERN UNION PRODUCTION CO.							
Whitley	(15)	1	C	17-24-9	15	**5733	
SUN OIL COMPANY							
CBU		1	M	31-26-12	T.A.		
"		2	C	5-25-12	T.A.		
"		4	C	6-26-12	T.A.		
"		5	D	"	T.A.		
"	(7)	8	K	5-25-12	7	428	
"	(8)	9	I	"	8	375	
"		11	I	4-25-12	T.A.		
"		12	K	3-25-12	T.A.		
"	(9)	13	A	9-25-12	9	890	
"		16	D	"	T.A.		
"	(15)	18	C	8-25-12	15	533	
"	(1)	19	A	7-25-12	1	TSTM	
"		21	E	"	T.A.		
"	(12)	22	F	9-25-12	12	500	
"		23	H	"	T.A.		
"		24	F	10-25-12	T.A.		
"		26	I	9-25-12	T.A.		
"		27	K	"	T.A.		
"		29	I	8-25-12	T.A.		
"		30	J	"	S.I.		
"	(5)	32	L	"	5	400	
"		33	I	7-25-12	T.A.		
"		34	P	8-25-12	T.A.		
"		35	N	9-25-12	T.A.		
"		36	O	"	S.I.		
"		37	M	10-25-12	T.A.		
"		38	A	16-25-12	T.A.		
"		40	C	"	T.A.		
"		41	D	"	T.A.		
"		42	A	17-25-12	T.A.		
"	(5)	43	C	"	5	400	
"		46	I	16-25-12	T.A.		
"		47	K	"	T.A.		
"		48	I	17-25-12	T.A.		
"		49	M	16-25-12	T.A.		
"		50	O	"	T.A.		
"		51	A	21-25-12	T.A.		
"	(7)	52	O	31-26-12	7	428	
"	(5)	53	G	5-25-12	5	600	
"	(4)	54	E	"	4	500	
"		55	O	6-25-12	T.A.		
"	(5)	56	M	5-25-12	5	400	

BISTI LOWER GALLUP CONT'D.

SUN OIL COMPANY CONT'D.						
CBU	(7)	57	O	5-25-12	7	570
"		58	O	4-25-12	T.A.	
"		59	M	3-25-12	T.A.	
"		60	E	10-25-12	T.A.	
"		61	G	9-25-12	S.I.	
"		63	E	8-25-12	T.A.	
"		64	G	7-25-12	T.A.	
"		65	M	9-25-12	T.A.	
WI		1	D	6-25-12	S.I.	
"		2	E	"	Input	
"		3	M	"	S.I.	
"		4	L	10-25-12	S.I.	
"		5	M	"	S.I.	
"		6-7	D	15-25-12	S.I.	
"		8	E	"	S.I.	
"		9	F	16-25-12	S.I.	
"		10	A	6-26-12	Input	
"		11	K	"	"	
"		12	K	4-25-12	S.I.	
"		13	A	8-25-12	S.I.	
"		14	L	10-25-12	S.I.	
"		15	K	8-25-12	S.I.	
"		16	B	16-25-12	S.I.	
GI		4	G	5-25-12	S.I.	
"		8	M	4-25-12	S.I.	
"		14	G	8-25-12	S.I.	
"		17	N	"	S.I.	
"		19	P	9-25-12	S.I.	
"		20	M	32-26-12	Input	
COMPANY TOTAL		13			90	
TEXACO, INC.						
NORTHEAST BISTI WATERFLOOD PROJECT						
NE Bisti U	(11)	1	E	23-25-11	11	6364
"	(6)	2	F	"	6	10500
"		3	O	15-25-11	Input	
PROJECT TOTALS						
ASSIGN. ALLOW.		2			17	
TRANS. ALLOW.					200	
AVAIL. ALLOW.					217	
POOL TOTAL		101			1657	

BLANCO TOCITO SOUTH
(80 Acre Spacing)

Top Allowable 277 GOR Limit 2,000

CAULKINS OIL COMPANY						
Breech A		134	C	10-26-6	No C-116	
"		157	E	"	No C-116	
"		182	K	"	No C-116	
"		207	O	"	No C-116	
"		627	B	8-26-6	No C-116	
"		629	D	9-26-6	No C-116	
"		677	L	"	No C-116	
"		679	J	"	No C-116	
" C	(11)	144	A	12-26-6	11	**10364
"	(5)	689	L	"	5	**8600
" D	(13)	140	A	11-26-6	13	**14000
" E		102	N	5-26-6	No C-116	
"		104	P	"	No C-116	
"		109	M	3-26-6	No C-116	
"		581	L	5-25-6	No C-116	
"		585	L	4-26-6	No C-116	
"		587	J	"	No C-116	
COMPANY TOTAL		3			29	
NW PRODUCTION CORP.						
Jic. 152 W	(4)	3	D	7-26-5	4	**16887
POOL TOTAL		4			33	

BLOOMFIELD FARMINGTON
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

SAM G. DUNN OIL OPERATIONS						
Hare		1	O	14-29-11	T.A.	
DAVID L. KENDALL						
Hare	(5)	1,2,3	G	23-29-11	5	TSTM
POOL TOTAL		1			5	

BOULDER MANCOS
(80 Acre Spacing)

Top Allowable 200 GOR Limit 2,000

DAV'S DRILLING CO., INC.						
Jic.Apache	(50)	3	J	26-28-1	50	220
"	(20)	6	N	"	20	857
"	(5)	7	B	35-28-1	5	1000
COMPANY TOTAL		3			75	
THOMAS A. DUGAN						
Cedar Spgs.	(121)	1	M	14-28-1	121	TSTM
PAUL SLAYTON						
Boulder		1	E	14-28-1	No C-116	
"	(2)	2	E	23-28-1	2	TSTM
"	(3)	3	M	"	3	"
"	(5)	4	C	"	5	**4000
"		5	K	14-28-1	No C-116	
"	(30)	6	K	23-28-1	30	326
"		7	G	14-28-1	No C-116	
"		8	G	23-28-1	No C-116	
"		9	O	14-28-1	No C-116	
"	(20)	10	O	23-28-1	20	1450
COMPANY TOTAL		5			60	
POOL TOTAL		9			256	

CHA CHA GALLUP
(80 Acre Spacing)

Top Allowable 233 GOR Limit 2,000

AMOCO PRODUCTION COMPANY						
GCU NP		84	D	26-28-13	S.I.	
AZTEC OIL & GAS COMPANY						
GALLEGOS CANYON UNIT PM PROJECT						
GCU		103	F	23-28-13	S.I.	
"		104	L	"	S.I.	
"		112	I	"	S.I.	
"		113	M	14-28-13	S.I.	
"		115	B	23-28-13	S.I.	
"		116	K	24-28-13	S.I.	
"		120	A	25-28-13	S.I.	
"		129	C	30-28-13	S.I.	
"		238	H	23-28-13	18	
"		97	D	23-28-12	Input	
"		132	H	30-28-12	S.I.	
PROJECT TOTALS						
ASSIGN. ALLOW.		1			18	
TRANS. ALLOW.					466	
AVAIL. ALLOW.					484	
SECC UNIT PM PROJECT						
SECC		1	M	32-29-13	41	
"		2	J	7-28-13	25	
"		4	L	9-28-13	27	
"		5	N	7-28-13	16	
"		6	P	"	S.I.	
"		7	N	8-28-13	41	
"		8	P	"	29	
"		11	D	17-28-13	2	
"		12	B	"	33	
"		13	D	16-28-13	S.I.	

CHA CHA GALLUP CONT'D.

AZTEC OIL & GAS CO., CONT'D.					
SECC		15	F	17-28-13	21
"		18	H	16-28-13	S.I.
"		19	E	15-28-13	1
"		20	J	17-28-13	S.I.
"		23	L	15-28-13	30
"		24	J	"	6
"		25	N	17-28-13	5
"		27	N	16-28-13	S.I.
"		29	N	15-28-13	4
"		31	B	21-28-13	S.I.
"		32	D	22-28-13	S.I.
"		33	B	"	S.I.
"		34	F	22-28-13	S.I.
"		3	L	8-28-13	Input
"		9	N	9-28-13	"
"		14	B	16-28-13	"
"		16	H	17-28-13	"
"		17	F	16-28-13	"
"		21	L	"	"
"		22	J	"	"
"		26	P	17-28-13	S.I.
"		30	P	15-28-13	Input
"		35	H	22-28-13	"
PROJECT TOTALS					
ASSIGN. ALLOW.	14				281
TRANS. ALLOW.					2097
AVAIL. ALLOW.					2378
COMPANY TOTAL	15				299
CLINTON OIL COMPANY					
GCU NP (4)	140		K	29-28-12	4 **92250
CONTINENTAL OIL COMPANY					
Fruitland Navajo					
" (25)	2		P	13-29-15	25 1480
HUMBLE OIL & REFINING COMPANY					
NWCC PM PROJECT					
NWCC 16		14	M	16-29-14	S.I.
" 18		43	I	28-29-14	12
" 20		21	C	20-29-14	9
"		41	A	"	89
"		43	I	"	S.I.
" 21		21	C	21-29-14	S.I.
"		42	H	"	S.I.
" 22		24	N	22-29-14	S.I.
"		34	O	"	19
" 23		14	M	23-29-14	S.I.
" 25		12	E	25-29-14	32
"		14	M	"	46
"		34	O	"	4
" 26		14	M	26-29-14	31
"		32	G	"	S.I.
" 27		23	K	27-29-14	29
"		41	A	"	43
"		43	I	"	S.I.
" 28		41	A	28-29-14	33
" 34		41	A	34-29-14	2
" 35		12	E	35-29-14	1
"		34	O	"	16
" 36		14	M	36-29-14	4
"		34	O	"	3
" 16		34	O	16-29-14	Input
" 17		14	M	17-29-14	"
"		23	K	"	"
Acreage Factor 1.025					
NWCC 21		23	K	21-29-14	"
"		43	I	"	"
" 22		12	E	22-29-14	"
"		32	G	"	"
" 25		32	G	25-29-14	"

HUMBLE OIL & REFINING CO., CONT'D.					
NWCC 26		12	E	26-29-14	Input
"		34	O	"	"
" 27		21	C	27-29-14	"
" 28		21	C	28-29-14	"
" 35		32	G	35-29-14	"
" 36		12	E	36-29-14	"
"		32	G	"	"
PROJECT TOTALS					
ASSIGN. ALLOW.	16				373
TRANS. ALLOW.					3495
AVAIL. ALLOW.					3868
TENNECO OIL COMPANY					
CENTRAL CHA CHA UNIT PM PROJECT					
CCCU		1	O	31-29-13	T.A.
"		3	G	"	3
"		5	C	"	T.A.
"		6	N	30-29-13	7
Acreage Factor 1.075					
CCCU		2	I	31-29-13	Input
"		4	K	"	"
PROJECT TOTALS					
ASSIGN. ALLOW.	2				10
TRANS. ALLOW.					466
AVAIL. ALLOW.					476
POOL TOTAL	35				711

CHACO WASH MESAVERDE
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

HENRY S. BIRDSEYE					
Santa Fe RR Co.					
" (33)	2,10		P	21-20-9	33 TSTM
BURWINKLE & SCANLON					
Ohwell	1,2,3		C	28-20-9	No C-115
"	8		C	"	No C-115
PROJECT TOTALS					
ASSIGN. ALLOW.	0				0
TRANS. ALLOW.					0
AVAIL. ALLOW.					0
POOL TOTAL	1				33

DEVILS FORK GALLUP
(80 Acre Spacing)

Top Allowable 233 GOR Limit 2,000

BCO, INC.					
Byrd (10)		1	A	23-24-7	10 **6800
" (5)		5	O	"	5**14200
COMPANY TOTAL	2				15
FLAG REDERN OIL CO.					
Largo Spur A(1)1		1	I	14-24-7	1**19083
MERRION & BAYLESS					
CLU		118	M	8-24-6	S.I.
" (8)		119	E	15-24-6	8 **6250
" (5)		121	A	17-24-6	5**13600
" (70)		122	O	8-24-6	70 886
" (4)		123	D	17-24-6	4**22500
" (3)		125	M	9-24-6	3**14000
" (7)		126	O	"	7**12571
" (7)		127	E	8-24-6	7 **9143
"		128	M	6-24-6	S.I.
" (10)		129	G	8-24-6	10 **8500
"		130	E	9-24-6	8**18750
" (14)		131	G	"	14 **4071
COMPANY TOTAL	10				136

DEVILS FORK GALLUP CONT'D.

J. GREGORY MERRION						
Canyon Largo						
"	(3)	132	B	15-24-6	3	**8000
Edna	(4)	1	M	7-24-6	4	**20500
"	(8)	2	O	"	8	**16875
"	(7)	3	E	"	7	**5000
"	(2)	4	H	"	2	**17500
NCRA State						
"	(6)	1	E	16-24-6	6	**28000
"		2	B	"	No C-116	
"	(9)	3	L	"	9	**26667
"	(4)	4	J	"	4	**16750
COMPANY TOTAL		8			43	
RENCO, INC.						
Renco Killarney						
"		1	J	24-24-7	S.I.	
PAUL F. RUTLEDGE						
Miller A		1	A	13-24-7	No C-116	
"	B	2	L	12-24-7	"	
"		4	P	"	"	
"		5	N	"	"	
COMPANY TOTAL		0			0	
SKELLY OIL CO.						
Mexico Fed. A						
"	(7)	1	I	10-24-6	7	**6428
Mexico Fed. O						
"	(12)	1	M	"	12	**3167
COMPANY TOTAL		2			19	
POOL TOTAL		23			214	

ESCRITO GALLUP
(80 Acre Spacing)
Top Allowable 233 GOR Limit 2,000

ATOM, INC.						
R.R.Zanotti	(7)	1	C	34-24-7	7	1522
BCO, INC.						
Bigbee	(4)	1	O	16-24-7	4	TSTM
Bobby B	(3)	2	B	31-24-6	3	"
Fed. 3-21	(3)	2	H	21-24-7	3	"
" 1-27	(9)	1	O	27-24-7	9	"
" 2-26	(1)	1	C	26-24-7	1	**18000
Lybrook	(16)	2	I	22-24-7	16	**7563
"	(8)	4	J	"	8	**7625
"	(9)	6	G	"	9	**7889
"	(8)	7	A	27-24-7	8	1000
Stephenson	(13)	1	D	22-24-7	13	**7154
ESCRITO GALLUP UNIT WATERFLOOD PROJECT						
EGU		2	O	12-24-8	S.I.	
"	(18)	3	A	13-24-8	18	TSTM
"		4	M	7-24-7	S.I.	
"		6	C	18-24-7	S.I.	
"		7	G	18-24-7	S.I.	
"		9	L	17-24-7	S.I.	
"		11	L	17-24-7	S.I.	
"	(21)	12	K	"	21	TSTM
"		13	J	"	S.I.	
"	(5)	15	A	20-24-7	5	TSTM
"		16	L	16-24-7	S.I.	
"	(7)	17	M	"	7	TSTM
"		1	P	12-24-8	Input	
"		8	H	18-24-7	"	
"		14	P	17-24-7	"	
PROJECT TOTALS						
ASSIGN. ALLOW. 4					51	
TRANS. ALLOW.					3444	
AVAIL. ALLOW.					3495	

ESCRITO GALLUP CONT'D.

BCO, INC. CONT'D.						
EGU		5	E	18-24-7	S.I.	
"	(7)	10	A	19-24-7	7	TSTM
"		18	C	21-24-7	S.I.	
"	(21)	19	I	13-24-8	21	**2524
COMPANY TOTAL		16			153	
EASTERN PETROLEUM CO.						
Federal		1	N	22-24-7	No C-116	
PETROLEUM CONSULTANTS, INC.						
Blakeley	(11)	6	E	23-24-7	11	**3950
Connie	(19)	1	I	21-24-7	19	**3212
"	(3)	2	D	"	3	TSTM
"	(12)	4	B	28-24-7	12	**2805
"	(13)	5	G	21-24-7	13	1368
Goff	(6)	5	E	30-24-6	6	**8980
Kenny	(8)	3	K	23-24-7	8	**12893
Love	(18)	2	L	23-24-7	18	**3460
Sperling	(1)	1	I	30-24-6	1	**4750
COMPANY TOTAL		9			91	
NOEL REYNOLDS						
Ake	(10)	1	I	11-24-8	10	TSTM
SOUTHERN UNION PRODUCTION CO.						
Ernest	(10)	1	D	27-24-7	10	**4800
POOL TOTAL		28			271	

GALLEGOS GALLUP
(80 Acre Spacing)
Top Allowable 233 GOR Limit 2,000

BEDFORD, INC.						
Frontier A		1	I	8-26-12	S.I.	
CLINTON OIL COMPANY						
Randel	(9)	1	L	9-26-11	9	707
"	(16)	2	N	10-26-11	16	**5666
COMPANY TOTAL		2			25	
DUGAN PRODUCTION CORP.						
Blackrock Fed. B						
"		1	L	8-26-11	S.I.	
"	(13)	2	J	"	13	**4615
Gee Gee	(9)	1	H	31-27-12	9	**15000
Western Fed.						
"	(3)	1	H	18-26-11	3	**26667
"		2	J	7-26-11	S.I.	
"	(5)	3	L	"	5	**24000
"		4	F	"	S.I.	
"		5	H	"	S.I.	
COMPANY TOTAL		4			30	
EL PASO PRODUCTS CO.						
Hickman A		1	L	10-26-12	S.I.	
Sullivan E		1	I	9-26-12	S.I.	
COMPANY TOTAL		0			0	
MERRION & BAYLESS						
Delhi Taylor A						
"	(4)	2	E	17-26-11	4	**20750
Delhi Taylor C						
"	(1)	1	M	4-26-11	1	**28000
Hanson B	(7)	2	L	36-27-13	7	**7571
Hickman A	(1)	2	L	3-26-12	1	**18000
"	(6)	5	J	"	6	**8500
Morgan	(2)	3	D	31-27-12	2	1500
Western	(20)	1	N	7-26-11	20	**13300
COMPANY TOTAL		7			41	

GALLEGOS GALLUP CONT'D.

SKELLY OIL CO.					
P. L. Davis	2	L	26-26-11	S.I.	
J.W.Goddard (4)	4	C	11-26-12	4	250
"	9	E	"	S.I.	
Navajo C (15)	1	D	24-26-12	15	**6533
O.H.Randel	1	F	14-26-11	S.I.	
COMPANY TOTAL	2			19	
POOL TOTAL	15			115	

HOGBACK DAKOTA
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

AMOCO PRODUCTION COMPANY					
USG Section 18					
" (4)	8,32	O	18-29-16	4	TSTM
" (99)	27	N	"	99	"
USG Section 19					
" (108)	2,26	C	19-29-16	100	TSTM
"	5	J	"	S.I.	
" (104)	7,9,23	B	"	100	TSTM
" (24)	11	H	"	24	"
" (63)	12,13,14,15	G	"	63	"
"	19	F	"	S.I.	
COMPANY TOTAL	6			390	
W. C. IMBT					
Navajo 7	2	N	7-29-16	S.I.	
" 18 (95)	1, 6,9	F	18-29-16	95	TSTM
" (3)	2	G	"	3	"
" (13)	3	B	"	13	"
" (23)	4,12	C	"	23	"
" (105)	7,11	K	"	100	"
" (100)	8,10	J	"	100	"
" 18-A (79)	1	D	"	79	"
COMPANY TOTAL	7			413	
POOL TOTAL	13			803	

HORSESHOE GALLUP
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

ATLANTIC RICHFIELD CO.					
HORSESHOE GALLUP PM PROJECT					
HGU	1	P	32-31-16	21	
Acreage Factor .975					
HGU	3	F	"	76	
"	18	N	30-31-16	17	
"	28	J	31-31-16	3	
"	33	A	29-31-16	1	
"	34	I	29-31-16	8	
"	35	G	"	7	
"	36	C	"	5	
"	37	A	32-31-16	3	
"	38	O	29-31-16	15	
"	39	K	"	15	
"	40	E	"	16	
"	41	A	30-31-16	13	
"	42	I	32-31-16	33	
"	43	G	"	25	
"	44	C	"	26	
"	45	M	29-31-16	23	
"	46	I	30-31-16	26	
"	47	G	"	3	
"	48	C	"	12	
"	49	O	32-31-16	42	
Acreage Factor .975					
HGU	50	K	"	38	
"	51	E	"	32	

HORSESHOE GALLUP CONT'D.

ATLANTIC RICHFIELD CO., CONT'D.				
HGU	52	A	31-31-16	51
"	53	O	30-31-16	34
"	54	K	"	70
"	55	E	"	79
Acreage Factor 1.050				
HGU	56	M	32-31-16	5
Acreage Factor .975				
HGU	57	I	31-31-16	6
"	58	G	"	7
"	59	C	"	7
"	60	M	30-31-16	10
Acreage Factor 1.050				
HGU	68	D	14-31-17	7
"	70	B	"	1
"	71	F	"	28
"	72	G	"	28
"	75	J	"	13
"	76	I	"	14
"	78	K	13-31-17	7
"	81	M	"	4
"	83	O	"	10
"	84	A	23-31-13	143
"	86	C	24-31-17	17
"	88	A	"	15
"	90	E	"	112
"	91	F	"	15
"	92	G	"	4
"	94	E	19-31-16	18
Acreage Factor 1.075				
HGU	98	K	24-31-17	11
"	100	I	"	11
"	102	K	19-31-16	8
"	104	I	"	4
"	106	K	20-31-16	8
"	108	O	24-31-17	11
"	109	P	"	124
"	110	M	19-31-16	14
"	112	O	"	9
"	114	M	20-31-16	7
"	116	O	20-31-16	9
"	117	C	25-31-17	S.I.
"	119	A	"	86
"	120	G	"	S.I.
"	121	H	"	91
"	123	I	"	3
"	124	P	"	3
"	125	A	6-30-16	S.I.
"	127	C	5-30-16	4
Acreage Factor .950				
HGU	129	A	"	42
"	131	E	"	S.I.
"	133	G	"	9
"	136	K	"	S.I.
"	138	I	"	4
"	140	O	"	2
"	142	A	8-30-16	S.I.
"	144	N	21-31-16	5
"	146	P	"	S.I.
"	147	C	28-31-16	S.I.
"	149	A	"	S.I.
"	151	C	27-31-16	8
"	153	G	28-31-16	7
"	155	E	27-31-16	6
"	157	G	"	9
"	159	K	28-31-16	4
"	161	I	"	3
"	163	K	27-31-16	6
"	165	I	"	S.I.
"	166	M	28-31-16	9
"	168	O	"	3
"	170	M	27-31-16	3
"	172	O	"	4

ATLANTIC RICHFIELD CO., CONT'D.				
HGU	174	M	26-31-16	6
"	176	O	"	6
"	177	C	33-31-16	7
"	179	A	"	4
"	181	C	34-31-16	3
"	183	A	"	3
"	185	C	35-31-16	3
"	187	E	33-31-16	11
"	188	F	"	S.I.
"	189	G	"	4
"	190	H	"	S.I.
"	191	E	34-31-16	5
"	193	G	"	10
"	195	E	35-31-16	2
"	197	G	"	4
"	198	K	33-31-16	12
"	200	I	"	8
"	202	K	34-31-16	9
"	204	I	"	8
Acreage Factor .975				
HGU	206	M	35-31-16	4
"	208	M	33-31-16	20
Acreage Factor .950				
HGU	209	N	"	5
"	210	O	"	4
"	212	M	34-31-16	2
"	214	O	"	S.I.
"	216	M	35-31-16	5
"	218	M	36-31-16	9
"	220	C	4-30-16	11
"	222	A	"	19
"	224	C	3-30-16	S.I.
Acreage Factor .950				
HGU	226	A	"	3
"	228	C	2-30-16	3
"	230	A	"	S.I.
"	231	E	4-30-16	32
"	233	G	"	32
"	234	H	"	4
"	235	E	3-30-16	9
"	237	G	"	S.I.
"	239	E	2-30-16	S.I.
"	241	G	"	S.I.
"	243	K	4-30-16	8
"	245	I	"	15
"	247	K	3-30-16	2
"	249	I	"	S.I.
"	251	K	2-30-16	S.I.
"	252	M	4-30-16	S.I.
Acreage Factor .875				
HGU	254	O	"	8
"	255	P	"	20
"	256	M	3-30-16	13
"	257	N	"	3
"	258	O	"	9
"	260	M	2-30-16	S.I.
"	262	C	9-30-16	8
"	264	A	"	2
"	266	C	10-30-16	12
"	268	G	9-30-16	S.I.
"	270	E	10-30-16	8
Acreage Factor .950				
HGU	272	I	9-30-16	S.I.
"	2	J	32-31-16	Input
"	4	D	"	"
"	5	P	30-31-16	"
"	6	J	"	"
"	7	F	"	"
"	8	D	"	"
Acreage Factor 1.075				
HGU	9	B	"	Input
"	10	H	"	"
"	11	I	29-31-16	"
"	12	N	"	"

ATLANTIC RICHFIELD CO., CONT'D.				
HGU	13	B	32-31-16	Input
"	14	N	"	"
Acreage Factor .975				
HGU	15	L	"	Input
"	16	H	31-31-16	"
"	17	B	"	"
"	19	L	30-31-16	"
Acreage Factor 1.050				
HGU	20	H	32-31-16	Input
"	21	P	29-31-16	"
"	22	J	"	"
"	23	F	"	"
"	24	D	"	"
"	25	H	"	"
"	26	B	"	"
"	27	P	31-31-16	"
Acreage Factor .950				
HGU	29	F	"	Input
"	30	D	"	"
"	65	I	33-31-16	"
"	66	D	"	"
"	67	A	15-31-17	"
"	69	C	14-31-17	"
"	73	H	"	"
"	74	K	"	"
"	77	L	13-31-17	"
"	79	O	14-31-17	"
"	80	P	"	"
"	82	N	13-31-17	"
"	85	D	24-31-17	"
"	87	B	"	"
"	89	D	19-31-17	"
"	93	H	24-31-17	"
"	95	F	19-31-16	"
"	96	I	23-31-17	"
"	97	L	24-31-17	"
"	99	J	"	"
"	101	L	19-31-16	"
Acreage Factor 1.075				
HGU	103	J	"	"
"	105	L	20-31-16	"
"	107	N	24-31-17	"
"	111	N	19-31-16	"
"	113	P	"	"
"	115	N	20-31-16	"
"	118	B	25-31-17	"
"	122	D	5-30-16	S.I.
Acreage Factor .950				
HGU	128	B	"	Input
"	130	H	6-30-16	S.I.
"	132	G	5-30-16	S.I.
"	134	H	"	Input
"	135	L	"	S.I.
"	137	J	"	S.I.
"	139	N	"	S.I.
"	141	P	"	S.I.
"	143	K	21-31-16	S.I.
"	145	O	"	S.I.
"	148	B	28-31-16	S.I.
"	150	D	27-31-16	S.I.
"	152	F	28-31-16	S.I.
"	154	H	"	S.I.
"	156	F	27-31-16	S.I.
"	158	I	28-31-16	Input
"	160	J	"	S.I.
"	162	L	27-31-16	S.I.
"	164	J	"	S.I.
"	167	N	28-31-16	Input
"	169	P	"	S.I.
"	171	N	27-31-16	S.I.
"	173	P	"	S.I.
"	175	N	26-31-16	S.I.
"	178	B	33-31-16	Input

HORSESHOE GALLUP CONT'D.

ATLANTIC RICHFIELD CO., CONT'D.

HGU	180	D	34-31-16	Input
"	182	B	"	"
"	184	D	35-31-16	S.I.
"	186	B	"	S.I.
"	192	F	34-31-16	Input
"	194	H	34-31-16	S.I.
"	196	F	35-31-16	S.I.
"	199	J	33-31-16	Input
"	201	L	34-31-16	"
"	203	J	"	"
"	205	L	35-31-16	S.I.
"	207	J	"	S.I.
"	211	P	33-31-16	Input
"	213	N	34-31-16	S.I.
"	215	P	"	S.I.
"	217	N	35-31-16	S.I.
"	219	D	4-30-16	Input
Acreage Factor .825				
HGU	221	B	"	"
"	223	D	3-30-16	S.I.
Acreage Factor .950				
HGU	225	B	"	S.I.
"	227	D	2-30-16	S.I.
"	229	B	"	S.I.
Acreage Factor .975				
HGU	232	F	4-30-16	Input
"	236	F	3-30-16	"
"	238	H	"	S.I.
"	240	F	2-30-16	S.I.
"	242	L	4-30-16	Input
Acreage Factor .875				
HGU	244	J	"	Input
"	246	L	3-30-16	"
"	248	J	"	"
"	250	L	2-30-16	S.I.
"	253	N	4-30-16	Input
"	259	P	3-30-16	"
"	261	D	9-30-16	S.I.
Acreage Factor .875				
HGU	263	B	"	S.I.
"	265	D	10-30-16	Input
Acreage Factor .950				
HGU	267	F	9-30-16	"
"	269	H	"	S.I.
"	271	F	10-30-16	Input
"	274	P	9-30-16	S.I.
"	275	J	"	S.I.

PROJECT TOTALS

ASSIGN. ALLOW.	124	2067
TRANS. ALLOW.		7703
AVAIL. ALLOW.		9770

CLINTON OIL COMPANY
HORSESHOE GALLUP PM PROJECT #3

Navajo	2	I	5-31-17	23
"	3	J	"	12
"	4	P	"	Input

PROJECT TOTALS

ASSIGN. ALLOW.	2	35
TRANS. ALLOW.		100
AVAIL. ALLOW.		135

NORTHEAST HOGBACK PM PROJECT

NE Hogback U	2	A	15-30-16	6
"	5	C	"	S.I.
"	6	B	"	7
"	7	D	14-30-16	S.I.
"	8	C	"	11
"	9	A	"	S.I.
"	10	E	"	S.I.
"	12	H	"	S.I.
"	15	L	13-30-16	S.I.
"	18	N	"	S.I.

CLINTON OIL COMPANY CONT'D.

NE Hogbeck U	19	O	13-30-16	S.I.
"	21	D	15-30-16	S.I.
"	22	G	"	1
"	24	A	10-30-16	S.I.
"	26	G	"	5
"	27	H	"	28
"	28	E	11-30-16	7
"	31	K	10-31-16	S.I.
"	33	K	11-30-16	12
"	34	M	10-30-16	S.I.
Acreage Factor .975				
NE Hogback U	35	N	10-30-16	S.I.
"	38	M	11-30-9	20
"	39	N	"	8
"	40	J	10-30-16	8
"	41	I	"	19
"	46	G	14-30-16	S.I.
"	4	J	"	S.I.
"	11	F	"	Input
"	13	E	13-30-16	S.I.
"	14	I	14-30-16	S.I.
"	16	K	13-30-16	S.I.
"	17	M	"	S.I.
"	20	B	24-30-16	S.I.
"	23	B	10-30-16	S.I.
"	25	D	11-30-16	S.I.
"	29	F	11-30-16	S.I.
"	30	L	10-30-16	S.I.
Acreage Factor .975				
NE Hogback U	32	L	11-30-16	Input
"	36	O	10-30-16	S.I.
"	37	P	"	Input
"	45	B	14-30-16	S.I.

PROJECT TOTALS

ASSIGN. ALLOW.	12	132
TRANS. ALLOW.		300
AVAIL. ALLOW.		432

THOMAS A. DUGAN

Horseshoe	(8)	280	A	27-31-16	8 TSTM

DUGAN PRODUCTION CORP.

PAF	(18)	1	E	19-30-15	18**2033

HUMBLE OIL & REFINING CO.
HORSESHOE GALLUP PM PROJECT #2

Nav. Tr. Ind. F				
"	102	E	4-31-17	23
"	104	K	"	52
"	105	O	"	57
"	106	A	9-31-17	70
"	107	I	4-31-17	10
"	110	M	3-31-17	10
"	112	G	9-31-17	15
"	113	I	"	2
"	116	H	10-31-17	S.I.
"	119	C	9-31-17	15
"	120	F	10-31-17	37
"	126	M	4-31-17	10
"	129	C	"	S.I.
"	130	B	10-31-17	S.I.
"	135	G	4-31-17	S.I.
"	139	L	10-31-17	26
"	141	J	"	6
Nav. Tr. Ind. G				
"	201	N	11-31-17	4
"	202	L	"	4
Nav. Tr. Ind. M				
"	302	H	5-31-17	10
"	304	A	"	S.I.
"	306	G	"	4
Nav. Tr. Ind. F				
"	101	D	4-31-17	Input

HORSESHOE GALLUP CONT'D.

HUMBLE OIL & REFINING CO., CONT'D.

Nav. Tr. Ind. F					
"	103	L	4-31-17	Input	
"	108	E	10-31-17	"	
"	109	K	"	"	
"	111	I	"	"	
"	114	M	"	"	
"	115	J	9-31-17	"	
"	117	G	10-31-17	"	
"	118	C	"	"	
"	121	D	"	"	
"	122	H	9-31-17	"	
"	123	B	"	"	
"	124	P	4-31-17	"	
"	125	N	"	"	
"	127	J	"	"	
"	128	F	"	"	
"	131	N	3-31-17	"	
"	132	L	"	"	
"	133	D	9-31-17	"	
"	134	F	"	"	
"	136	A	10-31-17	"	
"	138	H	4-31-17	"	
"	140	P	9-31-17	"	
"	143	O	3-31-17	"	
"	144	O	10-31-17	"	
Nav. Tr. Ind. G					
"	203	K	11-31-17	Input	
"	204	M	"	"	
"	205	O	"	"	
"	206	E	"	"	
Nav. Tr. Ind. M					
"	7	A	5-31-17	"	
"	305	B	"	"	
PROJECT TOTALS					
ASSIGN. ALLOW.	17			355	
TRANS. ALLOW.				3100	
AVAIL. ALLOW.				3455	
SKELLY OIL CO.					
Navajo M	(8) 1	M	33-32-17	8	TSTM
WESTERN ENERGY CORP.					
Ute	(4) 1	M	23-31-16	4	TSTM
"	(3) 2	O	"	3	"
"	(2) 3	L	"	2	"
COMPANY TOTAL	3			9	
POOL TOTAL	161			2632	

HOSPAH LOWER SAND, SOUTH
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

TENNECO OIL CO.					
Hospah	(59)6,35	A	12-17-9	59	TSTM
Acreage Factor 1.300					
Hospah	(8) 7	H	"	8	"
"	(114) 8	G	"	100	"
"	(169) 9,24,36	B	"	100	"
"	(91) 10,32	C	"	91	"
"	(101) 1,33,34	F	"	100	"
"	(193) 37-X	D	"	100	"
"	(49) 14	E	"	49	
COMPANY TOTAL	8			607	
TESORO PETROLEUM CORP.					
Hanson	(34)1X,11,12	K	6-17-8	34	TSTM
"	(55) 2,7,8,10	M	"	55	"
"	(32) 3,13	N	"	32	"
"	(71) 4,6,9	L	"	71	"
Santa Fe RR (101)					
"	3,12,13,14	D	7-17-8	100	"

HOSPAH LOWER SAND, SOUTH CONT'D.

TESORO PETROLEUM CORP.

Santa Fe RR	(11)4	C	7-17-8	11	TSTM
"	(14) 7,15	E	"	14	"
"	(7) 8	L	"	7	"
Santa Fe RR "A"					
"	(135)72,75,76,80	P	1-17-9	130	"
Acreage Factor 1.300					
"	(111) 73,81	O	"	100	"
"	(45) 74	I	"	45	"
Acreage Factor 1.300					
COMPANY TOTAL	11			599	
POOL TOTAL	19			1206	

HOSPAH UPPER SAND
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

TESORO PETROLEUM CORP.

HOSPAH WATERFLOOD PROJECT

Hospah Sand Unit				
"	1,49	A	1-17-9	20
"	(36)2,11,21,38	F	"	36
"	(120)4,5,6,22	C	"	120
"	(26) 13,39	K	"	26
"	(6) 9	J	"	6
"	(150) 12,14,20, 23,51	B	"	150
"	(150) 16,19,25, 48,53	O	36-18-9	150
"	(60) 24,52,56	G	1-17-9	60
"	(46) 27,50	P	36-18-9	46
"	(140)28,34,36,59	J	"	140
"	(5) 29	G	"	5
"	(10) 32,37	I	"	10
"	(17) 35	K	"	17
"	54	L	31-18-9	S.I.
"	62	L	36-18-9	S.I.
"	63	F	"	S.I.
"	60	I	1-17-9	Input
"	61	E	"	"
"	64	J	36-18-9	"
"	65	P	"	"
"	66	A	1-17-9	"
"	67	H	"	"
"	68	B	36-18-9	"
"	69	E	"	"
PROJECT TOTALS				
ASSIGN. ALLOW.	13			786
TRANS. ALLOW.				2180
AVAIL. ALLOW.				2966
Hospah Sand Unit				
"	(198) 3,7,10, 15 17,71	N	36-18-9	100 TSTM
COMPANY TOTAL	14			866
POOL TOTAL	14			866

HOSPAH UPPER SAND, SOUTH
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

SOUTH UPPER HOSPAH WATERFLOOD PROJECT

TENNECO OIL CO.

So. Hospah Unit				
"	1,18	G	12-17-9	166
"	2,16	F	"	166
"	27,39,40	H	"	200
Acreage Factor 1.300				
"	4	C	"	100
"	12,15	E	"	133
"	19	J	"	100

HOSPAH UPPER SAND, SOUTH CONT'D.
TENNECO OIL COMPANY, CONT'D.

So. Hospah U.20	1	12-17-9		130
Acreage Factor 1.300				
" 21	K	"		133
" 22	L	"		100
" 29,30,31	B	"		200
" 25,26,28,38	A	"		240
Acreage Factor 1.300				
" 37-X	D	"		11
" 3	H	"		Input
Acreage Factor 1.300				
" 5	B	"		"
" 13	F	"		"
" 17	G	"		"
" 23	K	"		"
" 41	A	"		"
Acreage Factor 1.300				
" 42	1	11-17-9		"
" 43	1	12-17-9		"
Acreage Factor 1.300				
PROJECT TOTALS				
ASSIGN. ALLOW. 12				1679
AVAIL. ALLOW.				1904
COMPANY TOTAL 12				1679

TESORO PETROLEUM CORPORATION
SOUTH HOSPAH UPPER HANSON WATERFLOOD

Hanson 14	L	16-17-8		34
" 15	M	"		13
" 16	N	"		21
" 17	K	"		11
" 18	M	"		Input
" 19,21	K	"		"
" 20	N	"		"
PROJECT TOTALS				
ASSIGN. ALLOW. 4				79
AVAIL. ALLOW.				533

SOUTH HOSPAH UPPER SANTA FE WATERFLOOD PROJECT

Santa Fe RR9,20	F	7-17-8		5
" 10	B	"		2
" 18	D	"		14
" 19	E	"		2
" 21	C	"		3
" 22	D	"		Input
" 23,25	C	"		"
" 24	F	"		"
PROJECT TOTALS				
ASSIGN. ALLOW. 5				26
AVAIL. ALLOW.				633

SOUTH HOSPAH UPPER SANTA FE "A" WATER-FLOOD PROJECT
Santa Fe RR "A"

" 77,82	P	1-17-9		22
Acreage Factor 1.300				
" 79	O	"		44
" 83	I	"		Input
Acreage Factor 1.300				
PROJECT TOTALS				
ASSIGN. ALLOW. 2				66
AVAIL. ALLOW.				404
COMPANY TOTAL 11				171
POOL TOTAL 23				1850

KUTZ GALLUP
(40 Acre Spacing)
Top Allowable 133 GOR Limit 2,000

ATLANTIC RICHFIELD CO.

Krause WN Fed.1	M	32-28-11		No C-116

KUTZ GALLUP CONT'D.
ATLANTIC RICHFIELD CO. CONT'D.

Schlosser WN Fed.				
" (3)	1	C	10-27-11	3**9241
" (3)	2	M	3-27-11	3**3387
COMPANY TOTAL 2				6
Aztec Oil & Gas Co.				
Frontier B(3)	2	D	9-27-11	3 TSTM
" 3	E		4-27-11	S.I.
" 4	M		"	S.I.
" 5	A		9-27-11	S.I.
" C(4)	2	I	5-27-11	4 TSTM
" E(4)	1	O	4-27-11	4 TSTM
Hillside (32)	1	J	9-27-11	32**3688
Santa Fe G	1	K	5-27-11	S.I.
" (2)	2	M	"	2**2273
COMPANY TOTAL 5				45
GULF OIL CORP.				
Fullerton Fed. 8	G	14-27-11		S.I.
SOUTHWEST PRODUCTION CO.				
Graham Fed. 1	A	6-27-11		No C-116
TENNECO OIL CO.				
Bolack A 1	B	2-27-11		1 **10000
POOL TOTAL 8				52

LA PLATA GALLUP
(160 Acre Spacing)
Top Allowable 400 GOR Limit 2,000

BENSON-MONTIN-GREER DRILLING CORP.

LaPlata Mancos Unit					
" (20)	1	P	31-32-13	20	490
" (77)	6	C	6-31-13	77	1210
Standard of Texas					
" (33)	1	M	5-31-13		33**6780
COMPANY TOTAL 3					130
POOL TOTAL 3					130

LONE PINE DAKOTA "D"
(80 Acre Spacing)
(40 Acre Allowable)
Top Allowable 100 GOR Limit 2,000

BEARD OIL COMPANY

Dosh e pi-Henio					
" (212)	1	D	17-17-8	100	1221
Joe Toledo					
" (133)	1	M	8-18-8	100	759
" (293)	2	L	"	100	1129
COMPANY TOTAL 3				300	
GIL OIL & GAS COMPANY					
Maxwell Bah-E					
" (150)	1	L	18-17-8	100	1097
" (135)	2	K	"	100	916
COMPANY TOTAL 2				200	
TENNECO OIL COMPANY					
Don Ne Pah					
" (127) (BA)	1	D	18-17-8	87	*3200
" (126)	2	F	"	100	320
Kagoso (197)	1	J	"	100	530
" (115)	2	I	"	100	435
SFP-RR (105)	1	J	13-17-9	100	1475
" (121)	3	B	24-17-9	114	960

Acreage Factor 1.137

LONE PINE DAKOTA "D" CONT'D.

TENNECO OIL CO., CONT'D.

SFP-RR	(164)	5	P	13-17-9	129	976
Acreage Factor 1.287						
SFP-RR	(123)	7	N	"	100	1530
"	(111)	9	F	"	100	1750
"	(220)	11	P	7-17-8	100	1000
"	(128)	13	C	24-17-9	100	1400
"	(131)	14	K	13-17-9	100	1860
"	(190)	15	J	7-17-8	100	950
Yazzie	(123)	1	B	18-17-8	100	370
"	(131)	2	H	"	100	410

COMPANY TOTAL 15 1530

TESORO PETROLEUM CORP.

Santa Fe RR	26	N	7-17-8	No C-116	
"	27	K	"	No C-116	

COMPANY TOTAL 0 0

POOL TOTAL 20 2030

LYBROOK GALLUP
(40 Acre Spacing)

Top Allowable 133 GOR Limit 2,000

BCO, INC.

Betty B	(3)	1	C	15-23-7	3	TSTM
Campos	(9)	1	J	10-23-7	9	**4667
"	(18)	2	K	4-23-7	18	1167
Dunn	(2)	1	M	10-23-7	2	TSTM
Acreage Factor 1.500						

COMPANY TOTAL 4 32

BYRON OIL INDUSTRIES

Dunn Fed.	(6)	1	J	4-23-7	6	**6140
Hanson Fed.	(18)	1	L	3-23-7	18	**8160

COMPANY TOTAL 2 24

JULIUS CHODOROW

State	(2)	1	O	2-23-7	2	1285
"	(6)	2	K	"	6	**7370

COMPANY TOTAL 2 8

PETROLEUM CONSULTANTS, INC.

Nancy B	(3)	1	B	14-23-7	3	1120
VanDenburgh	(11)	1	M	11-23-7	11	**6615

COMPANY TOTAL 2 14

SOUTHERN UNION PRODUCTION CO.

Dunn	(5)	1	P	9-23-7	5	**6000

POOL TOTAL 11 83

MANY ROCKS GALLUP
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

ATLANTIC RICHFIELD CO.

MANY ROCKS GALLUP PM PROJECT #2

MRGP	2	D	7-31-16	8
"	3	C	"	1
"	5	E	"	36
"	9	K	"	9
"	10	I	"	1
"	14	O	"	13
"	17	D	17-31-16	21
"	20	F	"	14
"	23	J	"	3
"	1	M	6-31-16	Input
"	6	G	7-31-16	"
"	8	L	"	"

MANY ROCKS GALLUP CONT'D.

ATLANTIC RICHFIELD CO., CONT'D.

MRGP	12	K	8-31-16	Input
"	13	N	7-31-16	"
"	16	A	18-31-16	"
"	18	C	17-31-16	"
"	19	E	"	"
"	21	C	"	"
"	22	K	"	"
"	26	P	"	"

PROJECT TOTALS

ASSIGN. ALLOW. 9		106
TRANS. ALLOW.		1100
AVAIL. ALLOW.		1206

HUMBLE OIL & REFINING CO.

MANY ROCKS GALLUP PM PROJECT #1

Nav. Tr. Ind. G				
"	207	A	12-31-17	14
"	208	O	1-31-17	5
"	209	K	"	21
"	210	E	"	9
"	211	A	2-31-17	50
"	212	G	1-31-17	5
"	214	P	"	9
"	222	C	2-31-17	3
Nav. Tr. Ind. G				
"	215	B	2-31-17	Input
"	216	F	1-31-17	"
"	217	H	12-31-16	"
"	218	H	2-31-16	"
"	219	D	1-31-17	"
"	220	N	"	"
"	221	J	"	"
"	223	L	"	"
"	224	B	12-31-17	"

PROJECT TOTALS

ASSIGN. ALLOW. 8		116
TRANS. ALLOW.		900
AVAIL. ALLOW.		1016

LAS PALMAS OIL & GAS COMPANY

MANY ROCKS GALLUP PM PROJECT #4

Navajo	1	A	28-32-17	12
"	2	N	27-32-17	12
"	4	P	"	23
"	7	L	"	15
"	8	E	"	Input
"	10	J	"	S.I.
"	3X	O	"	Input
"	6	K	"	"
"	11	E	"	"
"	12	I	28-32-17	"
" A	1	M	27-32-17	"

PROJECT TOTALS

ASSIGN. ALLOW. 4		62
TRANS. ALLOW.		500
AVAIL. ALLOW.		562

SKELLY OIL COMPANY

MANY ROCKS GALLUP PROJECT #3

Navajo M	7	B	34-32-17	S.I.
"	9	A	"	S.I.
"	10	I	"	S.I.
"	11	G	"	42
"	8	H	"	Input
"	12	C	"	"

PROJECT TOTALS

ASSIGN. ALLOW. 1		42
TRANS. ALLOW.		200
AVAIL. ALLOW.		242

Navajo P	1	E	34-32-17	5	
"	2	K	"	S.I.	
"	3	O	"	S.I.	

MANY ROCKS GALLUP CONT'D.
SKELLY OIL COMPANY CONT'D.

Navajo P	4	L	34-32-17	24	
"	5	N	"	123	
"	8	M	"	S.I.	
"	10	L	26-32-17	2	
"	12	I	35-32-17	12	
"	6	P	"	Input	
"	7	J	"	"	
"	9	F	"	"	
"	11	D	"	"	
PROJECT TOTALS					
ASSIGN. ALLOW. 5				166	
TRANS. ALLOW.				400	
AVAIL. ALLOW.				566	
COMPANY TOTAL	6			208	
POOL TOTAL	27			492	

MANY ROCKS GALLUP, NORTH
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000
MANY ROCKS GALLUP PM PROJECT #1
JAMES P. WOOSLEY

Navajo AA	2	H	18-32-17	S.I.	
"	3	G	"	3	
"	5	D	18-32-17	3	
"	6	C	"	2	
"	7	L	17-32-17	6	
"	8,8Y	M	"	8	
"	9	N	"	6	
"	10	K	17-32-17	5	
"	11	O	"	S.I.	
"	12	J	"	3	
"	4	E	"	Input	
"	13	B	20-32-17	"	
"	18	I	18-32-17	"	
PROJECT TOTALS					
ASSIGN. ALLOW. 8				36	
TRANS. ALLOW.				300	
AVAIL. ALLOW.				336	
POOL TOTAL	8			36	

MEDIA ENTRADA
(40 Acre Spacing)
Top Allowable 133 GOR Limit 2,000
DON C. WILEY & FLUID POWER PUMP CO.

Fed. Media	(105)	1	M 14-19-3	105	TSTM
"	(97)	2	P 15-19-3	97	"
"	(6)	4	N 14-19-3	6	"
COMPANY TOTAL	3			208	
POOL TOTAL	3			208	

MESA GALLUP
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000
A.A.A. FISHING TOOL CO., INC.

Navajo	(26)	1,6	H 15-32-18	26	TSTM
"	(5)	3	A "	5	"
"		5	O 10-32-18	S.I.	
" 8		2	I 15-32-18	No C-116	
COMPANY TOTAL	2			31	

THOMAS A. DUGAN

Horseshoe	(10)	2	E 30-32-17	10	503

EXPLORATION DRILLING CO.

Aztec Navajo A					
"	(5)	4	B 25-32-17	5	TSTM
Navajo	(26)	3	N 24-32-18	26	"

MESA GALLUP POOL CONT'D.
EXPLORATION DRILLING CO., CONT'D.

Navajo	(2)	4	J 14-32-18	2	TSTM
"	(40)	7	E 24-32-18	40	"
"	(11)	8	A 23-32-18	11	"
"	(16)	11	B "	16	"
Nav. Tr. C	(12)	1	L 24-32-18	12	"
"	(10)	2	H 23-32-18	10	"
"	(5)	3	O 14-32-18	5	"
"	(5)	4	K 24-32-18	5	"
"	(86)	5	L 14-32-18	86	395
"	(30)	6	N "	30	TSTM
COMPANY TOTAL	12			248	
POOL TOTAL	15			289	

OSWELL FARMINGTON
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000
LEE M. CRANE

Martin	(2)	3	N 34-30-11	2	TSTM
B. H. KEYES					
Martin		1	N "	S.I.	
ORVILLE S. SLAUGHTER, JR.					
Oswell	(8)	1	E 34-30-11	8	TSTM
POOL TOTAL	2			10	

OTERO GALLUP
(40 Acre Spacing)
Top Allowable 133 GOR Limit 6,000
AMERADA DIVISION, AMERADA HESS CORP.

Harvey State	(3)	1	N 36-25-6	3	2233
"	(3)	2	D "	3	3000
"	(5)	3	F "	5	2800
McKenzie Fed.	(5)	1	M 25-25-6	5**	10800
"	(3)	2	K "	3	2667
"	(5)	3	O "	5	5400
COMPANY TOTAL	6			24	

B.W.P., INC.

Jic. Tr. 10	(7)	1	M 33-25-5	7**	22857

CLINTON OIL COMPANY

Jic. 35	(21)	1	L 35-25-5	21	1952

CONTINENTAL OIL COMPANY

NE Haynes	(3)	1	L 9-24-5	3**	11666
"	(5)	2	D 16-24-5	5	3400
"	(2)	3	P "	2**	15000
"	(12)	4	E 21-24-5	12	3583
"	(10)	5	E 22-24-5	10	4000
"	(8)	6	D 15-24-5	8	2000
"	(2)	8	P "	2**	10000
"	(5)	9	A 21-24-5	5 **	7200
"	(6)	10	G "	6	5666
COMPANY TOTAL	9			53	

EL PASO NATURAL GAS COMPANY

Canyon Largo U. NP					
"	(14)	95	B 36-25-6	14 **	6571

GULF OIL CORPORATION

Apache Fed.		8	D 8-24-5	No C-116	

KIMBELL, INC.

Warren Fed.	(14)	4	A 35-25-6	14	4286

SKELLY OIL COMPANY

Farming E	(17)	2	B 2-24-6	17	3235
Acreage Factor 1.275					

OTERO GALLUP CONT'D.

SKELLY OIL CO., CONT'D.							
Farming E		3	K	2-24-6	6	3000	
Jic. B	(3)	2	I	31-25-5	3	**13000	
"		5	L	32-25-5	S.I.		
"		6	F	"	S.I.		
"	(1)	7	J	"	1	**10000	
"	(3)	8	H	31-25-5	3	**6333	
"	(6)	10	P	32-25-5	6	**8000	
Acreage Factor 1.300							
"	(3)	12	H	32-25-5	3	**16000	
"	(2)	16	B	6-24-5	2	**18000	
Acreage Factor 1.300							
"	(7)	18	F	31-25-5	7	**8428	
Jic. C	(7)	16	D	34-25-5	7	**11857	
"	(6)	22	H	33-25-5	6	**14833	
"	(4)	23	N	27-25-5	4	**13750	
"	(5)	25	L	"	5	**15000	
COMPANY TOTAL		13			70		
SOUTHERN UNION PRODUCTION CO.							
Jic. L	(12)	2	G	10-24-5	12	**7417	
"	(20)	3	E	3-24-5	20	**16500	
"		4	G	9-25-4	No C-116		
Jic. N		1	K	4-24-5	No C-116		
"		2	N	3-24-5	No C-115 or C-116		
COMPANY TOTAL		2			32		
POOL TOTAL		34			235		

PAJARITO PENNSYLVANIAN "D"
(40 Acre Spacing)
Top Allowable 233 GOR Limit 2,000

AMERADA DIVISION, AMERADA HESS CORP.							
Navajo Tract 20							
"	(16)	1	D	31-29-17	16	750	
COMPANY TOTAL		1			16		
POOL TOTAL		1			16		

PINON GALLUP
(80 Acre Spacing)
Top Allowable 233 GOR Limit 2,000

AMOCO PRODUCTION COMPANY							
PINON GALLUP PM PROJECT							
GCU	(62)	250	N	14-28-12	62	1742	
"		251	C	24-28-12	S.I.		
"	(12)	252	A	15-28-12	12	TSTM	
"		253	E	19-28-11	S.I.		
"	(8)	254	I	"	8	TSTM	
"		257	K	"	Input		
"		258	C	24-28-12	"		
"		259	P	14-28-12	"		
"		260	I	15-28-12	"		
PROJECT TOTALS							
ASSIGN. ALLOW.		3			82		
TRANS. ALLOW.					932		
AVAIL. ALLOW.					1014		
POOL TOTAL		3			82		

PUERTO CHIQUITO MANCOS, EAST
(160 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

BENSON-MONTIN-GREER DRILLING CORP.							
Alto		1	B	5-26-1E	S.I.		
Acreage Factor .250							
Bajo	(8)	1	F	9-26-1E	8	TSTM	
Acreage Factor .250							
Bernie	(18)	1	H	6-26-1E	18	310	
Acreage Factor .981							

PUERTO CHIQUITO MANCOS, EAST CONT'D.

BENSON-MONTIN-GREER DRILLING CORP. CONT'D.							
Casa		1	H	16-26-1E	8	300	
Acreage Factor .250							
Federal 17-32		1	N	32-25-1E	No C-116		
Hijo		1X	F	5-26-1E	S.I.		
Acreage Factor .500							
Jic. 235	(6)	1	P	13-27-1W	6	600	
Jic. 237		1	L	29-27-1W	S.I.		
Acreage Factor .400							
Jic. 237		2	G	"	S.I.		
Acreage Factor .400							
Jic. 237		3	C	"	S.I.		
Acreage Factor .500							
Jic. 237		4	K	"	S.I.		
Acreage Factor .400							
Jic. 237		5	A	29-27-1E	S.I.		
Acreage Factor .500							
Jic. 237		6	I	29-27-1E	S.I.		
Acreage Factor .400							
Jic. 237	(72)	7	N	20-28-1E	72	158	
"		8	P	19-27-1E	S.I.		
"		9	H	20-27-1E	S.I.		
"		11	P	"	S.I.		
"	(190)	12	H	19-27-1E	190	160	
"	(131)	13	F	30-27-1E	131	220	
"	(185)	14	N	19-27-1E	185	190	
Jic. 238	(4)	1	O	17-27-1E	4	1650	
Puerto Chiquito							
"	(5)	14	H	5-26-1E	5	380	
Acreage Factor .250							
"	(17)	15	I	8-26-1E	7	300	
"	(34)	16	C	5-26-1E	34	738	
Acreage Factor .500							
"	(82)	17	D	9-26-1E	82	350	
Acreage Factor .500							
"	(8)	21	P	"	8	450	
COMPANY TOTAL		14			758		
S & S DRILLING COMPANY							
Jic. 287	(15)	1	M	21-27-1E	15	387	
"		2	C	28-27-1E	S.I.		
COMPANY TOTAL		1			15		
PAUL SLAYTON							
Duro	(4)	1	C	27-26-1E	4	TSTM	
Acreage Factor .500							
Gran	(3)	1	I	21-26-1E	3	"	
Acreage Factor .500							
Grevey		1	M	26-26-1E	S.I.		
Acreage Factor .250							
Grevey	(9)	2	D	35-26-1E	9	TSTM	
Acreage Factor .250							
COMPANY TOTAL		3			16		
POOL TOTAL		18			789		

PUERTO CHIQUITO MANCOS, WEST
(320 Acre Spacing)
Top Allowable 800 GOR Limit 2,000

WEST PUERTO CHIQUITO MANCOS PM PROJECT							
BENSON-MONTIN-GREER DRILLING CORP.							
Canada Ojitos Unit							
"	(40)	3	A	14-25-1	40	TSTM	
"	(40)	4	P	11-25-1	40	"	
"	(316)	6	L	"	316	260	
"		7	A	23-25-1	S.I.		
"	(26)	8	A	16-25-1	26	340	
"	(688)	11	E	10-25-1	688	200	
"	(158)	12	A	22-25-1	158	600	

PUERTO CHIQUITO MANCOS, WEST, CONT'D.
BENSON-MONTIN-GREER DRLG. CORP. CON'T.

Canada Ojitos Unit						
"		2	K	13-25-1	Input	
PROJECT TOTALS						
ASSIGN. ALLOW.	6				1268	
TRANS. ALLOW.					905	
AVAIL. ALLOW.					2173	
Canada Ojitos Unit						
"		5	B	18-25-1E	S.I.	
"	(65)	9	C	2-25-1	65	480
"	(53)	10	O	33-26-1	53	385
" NP	(505)	14	C	34-25-1	505	300
" NP	(465)	13	L	27-26-1	465	360
Jicarilla 200						
"	(76)	1	D	21-27-1	76	**2860
COMPANY TOTAL	11				2432	
POOL TOTAL	11				2432	

RATTLESNAKE DAKOTA
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

EASTERN PETROLEUM CO.						
Navajo	(12)	2	D	1-29-19	12	323
"	(21)	3	A	2-29-19	21	610
" (61)		5,48,49	I	"	61	984
" (72)		8,46				
		51,52	H	"	72	1800
"		11	K	"	No C-116	
"		13	E	1-29-19	No C-116	
" (12)		27	N	12-29-19	12	1750
Rattlesnake		139	P	2-29-19	T.A.	
"		148	N	12-29-19	T.A.	
"		149	J	"	T.A.	
"		151	L	"	T.A.	
"		152	F	"	T.A.	
"		153	O	"	T.A.	
"		154	C	"	T.A.	
"		155	B	13-29-19	T.A.	
"		157	D	12-29-19	T.A.	
"		158	K	"	T.A.	
"		159	M	1-29-19	T.A.	
"		160	L	1-29-19	T.A.	
COMPANY TOTAL	5				178	
POOL TOTAL	5				178	

RATTLESNAKE PENNSYLVANIAN "BCD"
*80 Acre Spacing)
Top Allowable 277 GOR Limit 2,000

CONTINENTAL OIL CO.						
RATTLESNAKE CD PM PROJECT						
Rattlesnake						
"	(3)	136	J	2-29-13	3	17900
"	(4)	140	H	11-29-19	4	23661
"		141	D	12-29-19	S.I.	
"		142	F	"	S.I.	
"	(5)	144	B	2-29-19	5	20522
"	(2)	146	B	11-29-19	2	17308
"		143	J	12-29-19	Input	
PROJECT TOTALS						
ASSIGN. ALLOW.	4				14	
TRANS. ALLOW.					277	
AVAIL. ALLOW.					291	
POOL TOTAL	4				14	

RED MOUNTAIN MESAVERDE
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

BIRDSEYE CHACO WASH WATERFLOOD PROJECT						
CHACO OIL COMPANY						
Santa Fe Pacific						
"	(4)	1,19,21				
		27,30	B	29-20-9	4	TSTM
"	(11)	2,3,4,				
		9,22,28	O	20-20-9	11	"
"		24	P	"	No C-116	
"	(1)	25	N	"	1	TSTM
"	I	5	B	29-20-9	Input	
"	I	6,7,8	A	"	"	
"	I	13	C	"	"	
"	I	9,10,12	P	"	"	
"	I	11	J	"	"	
PROJECT TOTALS						
ASSIGN. ALLOW.	3				16	
TRANS. ALLOW.					699	
AVAIL. ALLOW.					715	
POOL TOTAL	3				16	

SALT CREEK DAKOTA
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

THOMAS A. DUGAN						
Clark Kent		1	I	5-30-17	10	TSTM
King Kong						
"	(26)	1X-5	L	4-30-17	26	"
"	(45)	8	G	"	45	"
COMPANY TOTAL	3				81	
POOL TOTAL	3				81	

SAN LUIS MESAVERDE
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

JOHNEY M. MYERS						
C.B.Harvey	(13)	1	K	21-18-3	13	TSTM
" A	(14)	1,3,4	J	"	14	"
COMPANY TOTAL	2				27	
WEST & McINTOSH						
Rollins-Dodgen		2	D	28-18-3	T.A.	
POOL TOTAL	2				27	

SAN LUIS MESAVERDE, SOUTH
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

ARWOOD H. STOWE					
Ann	1	A	33-18-3	No C-115	
Daria	1	H	"	No C-115	
COMPANY TOTAL	0			0	
POOL TOTAL	0			0	

SEVEN LAKES MENEFEE
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

FARRIS MINES					
Farris	1	I	18-18-10	S.I.	

SHIPROCK DAKOTA, NORTH
(40 Acre Spacing)
Top Allowable 100 GOR Limit 2,000

THOMAS A. DUGAN					
Shiprock (2)	1	B	14-30-18	2	TSTM
POOL TOTAL	1			2	

SHIPROCK GALLUP
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

SHIPROCK CORP.

Navajo 17-F						
"	(19)	31,71	F	17-29-18	19	TSTM
"		17-G				
"	(72)	37,52				
55,57,71,73,75,93			G	"	72	"
Navajo 17-H						
"	(51)	59,75,77,93	H	"	51	"
Shiprock I						
"	(54)	1X,2,4,6,8, 10X,15,17,66	I	"	54	"
Shiprock J						
"	(51)	1,2,3X,6,10, 11,15,17,31,44	J	"	51	"
Shiprock K						
"	(19)	5,6,7	K	"	19	"
Shiprock L						
"	(4)	3,7,8	L	16-29-18	4	"

COMPANY TOTAL 7 270

POOL TOTAL 7 270

SIMPSON GALLUP
(80 Acre Spacing)

Top Allowable 233 GOR Limit 2,000

AMOCO PRODUCTION COMPANY

GCU		83	A	26-28-12	20	**12200
"		123	C	25-28-12	S.I.	
"		125	K	24-28-12	S.I.	
"		128	H	25-28-12	S.I.	
T.L.Rhodes	(11)	1	F	30-28-11	11	TSTM

COMPANY TOTAL 2 31

POOL TOTAL 2 31

SLICK ROCK DAKOTA
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

WALTER DUNCAN

North Hogback						
"	1 (30)	2	J	1-29-17	30	TSTM
"	(8)	5	G	"	8	"
"	(4)	8	K	"	4	"
"	(16)	9	H	"	16	"
"		13,15	A	"	S.I.	
"	6 (10)	1,3	L	6-29-16	10	"
"	(5)	4	M	"	5	"
"	7 (18)	1	E	7-29-16	18	"
"	(1)	2	D	"	1	"
"	12	1	H	12-29-17	S.I.	
"	(14)	2,5	A	"	14	"

COMPANY TOTAL 9 106

W. M. GALLAWAY

Deb	(15)	2X,9, 15,18	P	36-30-17	15	TSTM
Deb	(7)	17	I	"	7	"
"		31	H	"	S.I.	
"		37	A	"	S.I.	

COMPANY TOTAL 2 22

RIJAN OIL CO., INC.

Rijan		8	M	31-30-16	No C-116	
"	(30)	9	E	"	30	TSTM
"	(66)	11	E	31-30-16	66	"
"	(60)	13	L	31-30-16	60	"

COMPANY TOTAL 3 156

POOL TOTAL 14 284

TABLE MESA DAKOTA
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

TABLE MESA WATERFLOOD PROJECT
EASTERN PETROLEUM COMPANY

Table Mesa	(25)	5	F	3-27-17	26	TSTM
"		9	K	"	S.I.	
"		14	J	"	S.I.	
"		15	G	"	S.I.	
"		19	N	"	S.I.	
"	(14)	20	B	"	14	TSTM
"		21	C	3-27-17	S.I.	
"		26	E	"	S.I.	
"		22	N	34-28-17	Input	
"		23	O	"	"	

COMPANY TOTAL 2 39

POOL TOTAL 2 39

TABLE MESA PENNSYLVANIAN "C"
(40 Acre Spacing)

Top Allowable 233 GOR Limit 2,000

EASTERN PETROLEUM COMPANY

Table Mesa	(17)	18	F	3-27-17	17	TSTM

COMPANY TOTAL 1 17

POOL TOTAL 1 17

TAPACITO GALLUP ASSOCIATED
(80 Acre Spacing)

Top Allowable 277 GOR Limit 2,000

CAULKINS OIL CO.

Breech C	(42)	248	A	13-26-6	42	**9619

TENNECO OIL CO.

Jic. A	(4)	2	B	18-26-5	4	**19000
"	(35)	8	H	17-26-5	35	**14000
Jic. B		7	H	16-25-5	S.I.	

COMPANY TOTAL 2 23

POOL TOTAL 3 81

TOCITO DOME PENNSYLVANIAN "D"
(160 Acre Spacing)

Top Allowable 477 GOR Limit 2,000

AMOCO PRODUCTION COMPANY

Navajo Tr. N						
"	(137)	1	M	17-26-18	137	**3162
"	(49)	2	G	20-26-18	49	1223
"	(40)	4	A	18-26-18	40	**4971
"	(122)	8	B	17-26-18	117	*8172
"	(44)	11	D	"	44	**5920
" P	(62)	2	J	7-26-18	62	**4016
" U	(323)	4	B	21-26-18	323	**2733
"	(202)	5	P	16-26-18	202	1834
"	(185)	7	J	21-26-18	185	1794
"	(276)	8	F	16-26-19	276	797
"	(477)	9	M	22-26-18	477	1737
"	(111)	12	F	21-26-18	111	822

COMPANY TOTAL 12 2023

MOBIL OIL CO.

Navajo	(216)	1	M	9-26-18	216	**3264

TEXACO, INC.

Nav. Tr. AL						
"	(94)	1	H	28-26-18	94	**6510
"	(21)	2	P	"	21	**2619
"		3	K	"	S.I.	
" AR	(82)	1	L	27-26-18	82	**2585

TOCITO DOME PENNSYLVANIAN "D" CONT'D.

TEXACO, INC. CONT'D.

Nav. Tr. AR						
"	(202)	2	D	27-26-18	202	1133
COMPANY TOTAL		4				399
POOL TOTAL		17				2638

TOTAH GALLUP
(80 Acre Spacing)

Top Allowable 233 GOR Limit 2,000

AZTEC OIL & GAS COMPANY

TOTAH GALLUP PM PROJECT #1

ATU	2	G	29-29-13	7
"	4	C	"	S.I.
"	5	K	"	S.I.
"	6	E	"	10
"	7	O	20-29-13	S.I.
"	9	M	"	18
"	10	I	19-29-13	45
"	11	O	"	S.I.
"	12	G	"	S.I.
"	13	G	19-29-13	S.I.
"	19	A	30-29-13	3
"	1	A	30-29-13	Input
"	3	I	"	"
"	8	K	20-29-13	"
"	14	K	19-29-13	"
"	15	C	30-29-13	"
"	16	O	19-29-13	"
"	17	E	20-29-13	"
"	18	H	19-29-13	"

PROJECT TOTALS

ASSIGN. ALLOW. 5	83
TRANS. ALLOW.	1864
AVAIL. ALLOW.	1947

AZTEC PM PROJECT

CTU	4	K	28-29-13	S.I.
"	7	I	"	S.I.
"	8	O	28-29-13	S.I.
"	10	M	27-29-13	60
"	11	O	"	S.I.
"	12	C	33-29-13	S.I.
"	13	A	"	30
"	15	D	34-29-13	193
"	16	B	"	S.I.
"	17	F	"	69
"	19	L	"	85
"	20	J	"	S.I.
"	23	I	11-28-13	S.I.
"	1	M	21-29-13	Input
"	3	E	28-29-13	"
"	5	M	"	"
"	6	H	"	"
"	9	K	27-29-13	"
"	14	G	33-29-13	"
"	18	H	34-29-13	"
"	21	P	34-29-13	"
"	22	N	"	"

PROJECT TOTALS

ASSIGN. ALLOW. 5	377
TRANS. ALLOW.	2097
AVAIL. ALLOW.	2474

COMPANY TOTAL		10				460
MERRION & BAYLESS						
Nav. Tr. H		2	A	24-29-14	S.I.	
"		3	O	13-29-14	S.I.	
"	(12)	4	C	24-29-13	12	TSTM
"		5	M	14-29-14	S.I.	
"		6	G	24-29-14	T.A.	
"		8	I	14-29-14	S.I.	

TOTAH GALLUP CONT'D.

MERRION & BAYLESS CONT'D.

Nav. Tr. H		9	A	23-29-14	S.I.	
"		11	G	14-29-14	S.I.	
Acreage Factor 1.025						
Nav. Tr. H		12	E	"	S.I.	
Acreage Factor 1.025						
COMPANY TOTAL		1				12
SOUTHWEST PRODUCTION COMPANY						
Callow Fed.	(9)1	1	I	33-29-13	9	TSTM
POOL TOTAL		12				481

VERDE GALLUP
(40 Acre Spacing)

Top Allowable 100 GOR Limit 2,000

AZTEC OIL & GAS COMPANY

Ute Indian	(7)1		P	10-31-15	7	**5524
"	(7)2		G	"	7	**2841
"	A	(4)2	G	16-31-15	4	174
"		(6)5	C	15-31-15	6	465
"	D	(42)3	P	23-31-15	42	12
"		(1)4	N	"	1	1014
COMPANY TOTAL		6				67
BENSON-MONTIN-GREER DRLG. CORP.						
Robbie (7)		1	H	1-30-16	7	TSTM
Ute Mtn. Tribal						
"	(39)	4	H	29-31-14	39	1108
"	(25)	5	J	"	25	700
"	(11)	10	A	"	11	655
"	(8)	14	I	"	8	1536
COMPANY TOTAL		5				90
C & S CASING PULLING SERVICE						
Malco Copple						
"	(4)	1	C	4-30-15	4	TSTM
Na-Dzis-Pah	(3)1		G	1-30-16	3	636
"	(7)2		B	"	7	TSTM
So. Union	(15)1		H	16-31-15	15	"
Ute Mtn. Tr. A						
"	(5)	1	A	22-31-15	5	438
"		7	M	"	3	TSTM
COMPANY TOTAL		6				37
JULIUS CHODOROW						
Ute	(15)	1	F	20-31-15	15	TSTM
DUGAN PRODUCTION CORP.						
Malco Copple		2	C	5-30-15	S.I.	
"	(20)	3	E	"	20	TSTM
"	(6)	6	G	"	6	"
"	(4)	7	K	"	4	"
"	(5)	8	A	"	5	"
COMPANY TOTAL		4				34
THOMAS A. DUGAN						
Tenneco Ute		1	D	30-31-14	S.I.	
"		2-X	A	"	S.I.	
"		3-X	B	"	S.I.	
"		4	C	"	S.I.	
"		6	J	"	S.I.	
"		7	K	"	S.I.	
"		8	A	31-31-14	S.I.	
"	(2)	9	L	30-31-14	2	TSTM
"		10	C	"	S.I.	
"		11	C	"	S.I.	
"	(4)	12	D	"	4	TSTM
"		15	P	30-31-15	S.I.	

VERDE GALLUP POOL CONT'D.

THOMAS A. DUGAN CONT'D.						
Ute		4	J 14-31-15	4		**18815
COMPANY TOTAL	3			10		
ENGINEERING & PRODUCTION SERVICE CO.						
Ute Mtn.	(1)	2	E 21-31-14	1		**44000
"	(10)	4	M "	10		1316
"	(10)	5	O 21-31-14	10		483
"	(3)	6	G "	3		**14900
"	(8)	8	I "	8		1913
"	(2)	9	M 22-31-14	2		**5350
"		11	A 21-31-14	No C-115		
"	(5)	13	E 22-31-15	4		825
"	(3)	14	C "	3		933
COMPANY TOTAL	8			41		
W. M. GALLAWAY						
Ute Mtn. B						
"	(3)	1	B 29-31-15	3		TSTM
"	(30)	2	F "	30		"
"	(3)	3	N 32-31-15	3		"
"	(8)	4	F "	8		"
"	(12)	6	P 32-31-15	12		"
"	(3)	7	N 31-31-15	3		"
"	(4)	8	H "	4		"
"		9	H 32-31-15	S.I.		
"	(11)	10	N 29-31-15	11		TSTM
"	(5)	11	F 31-31-15	5		"
COMPANY TOTAL	9			79		
KENNETH E. & IMOGENE HARLAN						
Navajo	(10)	1	J 1-30-16	10		TSTM
H. MARTIN OIL & GAS COMPANY						
Aztec	(4)	1	N 10-31-15	4		TSTM
So. Union	(4)	1	O 16-31-15	4		"
COMPANY TOTAL	2			8		
MERRION & BAYLESS						
Ute Mtn. Tr. C						
"	(10)	2	E 34-31-15	10		TSTM
" F	(11)	1	D 28-31-14	11		"
"	(3)	4	L "	3		"
COMPANY TOTAL	3			24		
SOUTHERN UNION PRODUCTION CO.						
Ute Ind.	(8)	2-15	M 15-31-15	8		**3004
"	(1)	1-17	E 17-31-14	1		**2251
"	(1)	3-17	C "	1		**28713
"	(14)	5-23	H 23-31-15	14		967
"	(19)	3-24	J 24-31-15	19		**3390
COMPANY TOTAL	5			43		
CLIFFORD C. TERRY						
Ute Ind.	(12)	2	O 7-31-14	12		TSTM
POOL TOTAL	54			471		

WATERFLOW GALLUP, SOUTH
(160 Acre Spacing)
Top Allowable 400 GOR Limit 2,000

I. D. NIGHTINGATE						
Waterflow		1	N 19-29-15	12		
"		2	D 20-29-15	9		
"		3	L "	9		
COMPANY TOTAL	3			30		
POOL TOTAL	3			30		

McKINLEY COUNTY

UNDESIGNATED DAKOTA 0-5000'
Top Allowable 100 GOR Limit 2,000

TENNECO OIL CO.						
Whigham	(71)	2	P 11-17-9	71		1945
TESORO PETROLEUM CORP.						
Santa Fe	(16)16		C 7-17-8	16		1154

RIO ARRIBA COUNTY

UNDESIGNATED MANCOS 0-5000'
Top Allowable 100 GOR Limit 2,000

BENSON-MONTIN-GREER DRILLING CORP.						
Arellano	(5)	1	F 5-24-1E	5		540
Renco	(5)	1	N "	5		540

UNDESIGNATED MESAVERDE 0-5000'
Top Allowable 100 GOR Limit 2,000

J. GREGORY MERRION						
NCRA State	(9)3		L 16-24-6	9		587

UNDESIGNATED PICTURED CLIFFS 0-5000'
Top Allowable 100 GOR Limit 2,000

AMOCO PRODUCTION COMPANY						
Jic. Apache A 118						
"	(5)	1	A 26-26-3	5		**5460
BROOKS HALL						
Johnston-Shear						
"	(3)	1	H 3-26-3	3		1520
MOBIL OIL CORP.						
Jic. D	(6)	4	M 23-26-3	6		**2167
"	(4)	15	I "	4		625

UNDESIGNATED GALLUP 5-6000'
Top Allowable 133 GOR Limit 2,000

DUGAN PRODUCTION CORP.						
Sapp C	(2)	1	M 5-23-7	2		1333
State	(8)	1	E 32-24-7	8		1733
PETROLEUM CONSULTANTS, INC.						
Connie	(4)	3	K 29-24-7	4		**6032
McBee B	(5)	1	F 7-23-6	5		**11810
SKELLY OIL COMPANY						
Jic. D	(5)	2	A 5-23-4	5		TSTM

UNDESIGNATED MESAVERDE 5-6000'
Top Allowable 133 GOR Limit 2,000

Jic. 22		1	J 22-25-4	No C-116		

UNDESIGNATED GALLUP 6-7000'
Top Allowable 177 GOR Limit 2,000

Jic. Cont. 148						
"	(8)	10	N 14-25-5	8		**3635
AMERADA DIVISION, AMERADA HESS CORP.						
Jic. Apache A						
"	(7)	5	P 25-25-5	7		857
Jic. Apache F						
"	(1)	9	P 16-25-5	1		1000
CONTINENTAL OIL CO.						
Jic. 20	(10)	2	M 20-25-4	10		**3500
"	(9)	3	K "	9		**2778
"	(12)	4	K 18-25-4	12		**2917
Jic. 22	(6)	1	J 22-25-4	6		**30000
"	(19)	2	J 21-25-4	19		**2895
"	(2)	3	D 22-25-4	2		**22000
"	(16)	4	J 15-25-4	16		**6625
Jic. 28	(13)	1	J 28-25-4	13		**7615
"		2	D 27-25-4	S.I.		

UNDESIGNATED GALLUP 6-7000' CONT'D.

CONTINENTAL OIL CO., CONT'D.

Jic. 28	(7)	3	P	34-25-4	7	**4000
"	(5)	4	D	"	5	**4600
"	(22)	5	J	33-25-4	22	**4091
"	(5)	6	D	"	5	**18000
"	(5)	7	J	27-25-4	5	**8000
"	(27)	8	C	28-25-4	27	**2481
"		9	A	"	No C-116	
Jic. 30	(7)	2	C	29-25-4	7	**11438
"	(10)	3	J	32-25-4	10	**[illegible]900
"	(24)	4	F	31-25-4	24	**2667

NORTHWEST PRODUCTION CORP.

Jic. 126 S	(10)	15	A	11-24-4	10	1813
"	(14)	16	M	2-24-4	14	1611

UNDESIGNATED DAKOTA 7-8000'

Top Allowable 233 GOR Limit 2,000

BROOKS HALL

Jic. 126	(4)	1	M	1-24-4	4	1875

CONTINENTAL OIL CO.

Jic. 22	(4)	1	J	22-25-4	4	**15000
"	(14)	2	J	21-25-4	14	**9359
"	(18)	3	D	22-25-4	18	**10889
"	(22)	4	J	15-25-4	22	**7273
Jic. 28	(12)	1	J	28-25-4	12	**17583
"	(5)	2	D	27-25-4	5	**22000
"	(14)	3	P	34-25-4	14	**12286
"	(2)	4	D	"	2	**7500
"	(23)	5	J	33-25-4	23	**5217
"	(17)	6	D	"	17	**5235
"	(19)	7	J	27-25-4	19	**10000
"	(21)	8	C	28-25-4	21	**3714
"		9	A	"	No C-116	
Jic. 30	(18)	3	J	32-25-4	18	**4000

NORTHWEST PRODUCTION CORP.

Jic. 126 S		16	M	2-24-4	S.I.	

SKELLY OIL COMPANY

C.W.Roberts	(7)	3	O	18-25-3	7	**7000

SOUTHERN UNION PRODUCTION CO.

Jic. B		5	D	26-26-4	10	**16500

UNDESIGNATED DAKOTA 8-9000'

Top Allowable 300 GOR Limit 2,000

SKELLY OIL COMPANY

Lydia Rentz	(7)	4	A	19-25-3	7	TSTM
C.W.Roberts	(6)	4	M	17-25-3	6	**4000

SOUTHERN UNION PRODUCTION CO.

Jic. F	(8)	1	L	27-26-4	8	1875

SANDOVAL COUNTY

UNDESIGNATED GALLUP 0-5000'

Top Allowable 100 GOR Limit 2,000

NORTHWEST PRODUCTION CORP.

Sandoval	1-23	1	23-22-7		S.I.	

DON C. WILEY & FLUID POWER PUMP CO.

Fed. Media		3	B	22-19-3	No C-116	

UNDESIGNATED GALLUP 5-6000'

Top Allowable 133 GOR Limit 2,000

BCO, INC.

Fed. A	(12)	1	E	23-23-7	12	**2500
Fed. B	(15)	22	I	22-23-7	15	**4000

PETROLEUM CONSULTANTS, INC.

Rogers C	(4)	1	L	24-23-7	4	TSTM

NOEL REYNOLDS

Silvers		1	B	14-22-6	T.A.	

STANLEY J. STANLEY

Chapman		1	N	20-23-6	No C-116	

UNDESIGNATED DAKOTA 6-7000'

Top Allowable 177 GOR Limit 2,000

REFINERS PETROLEUM CORPORATION

Cuba Union	(167)	1	A	25-22-3	167	TSTM
"	(45)	2	A	26-22-3	45	"

Cuba Pan Am.

"	(156)	1	N	24-22-3	156	"

UNION OIL OF CALIFORNIA

Jic. 411	(15)	1	C	25-22-3	15	TSTM

SAN JUAN COUNTY

UNDESIGNATED FARMINGTON 0-5000'

Top Allowable 100 GOR Limit 2,000

DUGAN PRODUCTION CORP.

Redfern	(4)	3	A	16-28-11	4	TSTM

EL PASO NATURAL GAS CO.

Riddle	(5)	4	M	4-30-9	5	**3685
"	(5)	5	K	"	5	**3557
" A		7	G	15-30-9	No C-116	

B. H. KEYES

POJ		3	G	29-29-10	No C-116	

UNDESIGNATED DAKOTA 0-5000'

Top Allowable 100 GOR Limit 2,000

AZTEC OIL & GAS COMPANY

Middle Canyon						
"	(17)	1	K	14-32-15	17	485

UNDESIGNATED GALLUP 0-5000'

Top Allowable 100 GOR Limit 2,000

BENSON-MONTIN-GREER DRILLING CORP.

Harrington	(10)	1	E	17-30-15	10	1700

DUGAN PRODUCTION CORP.

Nageezi		1	N	33-24-9	4	TSTM

THOMAS A. DUGAN

Horseshoe		1	B	31-32-17	No C-116	

EASTERN PETROLEUM CO.

Navajo		4	J	2-29-19	No C-116	
"		23	G	"	No C-116	
"		45	A	"	No C-116	

DAN M. LOCKIE

Gershbach Com		1	J	3-29-16	No C-116	

PETTUS & ASSOCIATES

Don Stock		1	E	3-29-16	No C-116	
Hunt		1	K	"	No C-116	

SUN OIL COMPANY

F. Pyle Estate						
"	(5)	1	L	34-30-15	5	**7800
"		2	N	"	No C-116	

Harry Amargis

"	(6)	1	E	33-30-15	6	1818

UNDESIGNATED GALLUP-DAKOTA 0-5000'

Top Allowable 100 GOR Limit 2,000

R. W. WARNER, ET AL

Warner Fed.	(7)	1	A	10-22-8	7	TSTM

UNDESIGNATED MESAVERDE 0-5000'

Top Allowable 100 GOR Limit 2,000

MERRION & BAYLESS

Navajo A	(7)	1	L	10-29-15	7	TSTM

UNDESIGNATED POINT-LOOKOUT 0-5000'

Top Allowable 100 GOR Limit 2,000

DUGAN PRODUCTION CORP.

Sapp	(4)	1	A	28-24-8	4	TSTM

UNDESIGNATED GALLUP 0-5000'

Top Allowable 133 GOR Limit 2,000

AMOCO PRODUCTION COMPANY					
McManus (11)	1	M	22-28-12	11	TSTM
BENSON-MONTIN-GREER DRILLING CORP.					
Greer	1	E	2-26-11	No C-116	
CLINTON OIL COMPANY					
Old Trading Post					
" (8)	1	P	10-26-11	8	TSTM
DUGAN PRODUCTION CORP.					
Douthit (2)	1	A	33-28-13	2	TSTM
Fullerton (2)	1	F	34-28-13	2	"
Gallegos (3)	1	I	21-29-12	3	"
" (2)	2	E	22-28-12	2	"
Rex (2)	2	D	18-27-13	2	"
EL PASO NATURAL GAS CO.					
Ballard (4)	11	D	15-26-9	4	**11750
Huerfano					
" (14)	151-Y	C	35-26-10	14	**6515
Huerfano Unit					
"	104	P	17-26-10	1 BBL. or 188 MCF	
" (10)	112	F	17-26-10	10	**12400
INDEPENDENT OIL CO., INC.					
Rudman Fed.	1	E	27-25-9	No C-116	
NOEL REYNOLDS					
Paquenche (12)	2	H	3-24-8	12	**3000
" A (13)	3	C	10-24-8	13	**4000
Noel Reynolds	1	A	34-24-8	No C-116	
SUNSET INTERNATIONAL					
Kutz A Fed.	1	K	32-28-10	S.I.	

UNDESIGNATED MANCOS-DAKOTA 6-7000'

Top Allowable 177 GOR Limit 2,000

HARRY L. BIGBEE					
Nancy (7)	3	N	12-24-8	7	**2857
" (15)	4	F	"	15	667

UNDESIGNATED DAKOTA 6-7000'

Top Allowable 177 GOR Limit 2,000

MERRION & BAYLESS					
Keeling (3)	1	B	20-25-8	3	400
Stephenson (4)	1	G	17-24-8	4	575

UNDESIGNATED PARADOX 6-7000'

Top Allowable 177 GOR Limit 2,000

THOMAS A. DUGAN					
Rickey (2)	1	P	22-31-18	2	**23000

SUMMARY OF ALLOCATION FOR NORTHWEST, NEW MEXICO

POOL	PROD. FORM.	DEPTH RANGE	DEPTH FACTOR	NON-MARG. UNITS	TOP ALLOWABLE	NON-MARG. ALLOCATION	MARG. UNITS	MARG. ALLOC.	NO. UNITS	TOTAL ALLOC.
Angels Peak-Gallup	G	6-7	2.77		277		2	10	2	10
Akah Nez-Devonian	Dev.	0-5	2.00		200					
Bisti Lower Gallup	G	0-5	2.00		200		101	1657	101	1657
Blanco Toc. So.	T	6-7	2.77		277		4	33	4	33
Bloomfield-Farmington	F	0-5	1.00		100		1	5	1	5
Boulder-Mancos	M	0-5	2.00		200		9	256	9	256
Cha Cha-Gallup	G	5-6	2.33		233		35	711	35	711
Chaco Wash Mesaverde	MV	0-5	1.00		100		1	33	1	33
Devils Fork-Gallup	G	5-6	2.33		233		23	214	23	214
Escrito-Gallup	G	5-6	2.33		233		28	271	28	271
Gallegos-Gallup	G	5-6	2.33		233		15	115	15	115
Hogback-Dakota	D	0-5	1.00	4	100	400	9	403	13	803
Horseshoe-Gallup	G	0-5	1.00	3	100	379	158	2253	161	2632
Hospah Lower Sand, South	G	0-5	1.00	7	100	730	12	476	19	1206
Hospah Upper Sand	G	0-5	1.00	5	100	660	9	226	14	886
Hospah Upper Sand, South	G	0-5	1.00	11	100	1668	12	182	23	1850
Kutz-Gallup	G	0-5	1.33		133		8	52	8	52
LaPlata-Gallup	G	0-5	4.00		400		3	130	3	130
Lone Pine Dakota "D"	D	0-5	1.00	19	100	1943	1	87	20	2030
Lybrook-Gallup	G	5-6	1.33		133		11	83	11	83
Many Rocks-Gallup	G	0-5	1.00	1	100	123	26	369	27	492
Many Rocks Gallup, North	G	0-5	1.00		100		8	36	8	36
Media Entrada	Ent.	5-6	1.33		133		3	208	3	208
Mesa-Gallup	G	0-5	1.00		100		15	289	15	289
Oswell-Farmington	G	0-5	1.00		100		2	10	2	10
Otero-Gallup	G	5-6	1.33		133		34	235	34	235
Pajarito-Penn. "D"	Penn.	7-8	2.33		200		1	16	1	16
Pinon-Gallup	G	5-6	2.33		233		3	82	3	82
Puerto Chiquito Man., East	M	0-5	4.00		400		18	789	18	789
Puerto Chiquito Man., West	M	0-5	8.00		800		11	2432	11	2432
Rattlesnake-Dakota	D	0-5	1.00		100		5	178	5	178
Rattlesnake-Penn. BCD	Penn.	6-7	2.77		277		4	14	4	14
Red Mtn. Mesaverde	MV	0-5	1.00		100		3	16	3	16
Salt Creek-Dakota	D	0-5	1.00		100		3	81	3	81
San Luis Mesaverde	MV	0-5	1.00		100		2	27	2	27
San Luis Mesaverde, So.	MV	0-5	1.00		100					
Seven Lakes Menefee	M	0-5	1.00		100					
Shiprock-Gallup, North	D	0-5	1.00		100		1	2	1	2
Shiprock-Gallup	G	0-5	1.00		100		7	270	7	270
Simpson-Gallup	G	0-5	2.33		233		2	31	2	31
Slick Rock-Dakota	D	0-5	1.00		100		14	284	14	284

SUMMARY OF ALLOCATION FOR NORTHWEST, NEW MEXICO -- CONT'D.

POOL	PROD. FORM	DEPTH RANGE	DEPTH FACTOR	NON-MARG. UNITS	TOP ALLOWABLE	NON-MARG. ALLOCATION	MARG. UNITS	MARG. ALLOC.	NO. UNITS	TOTAL ALLOC.
Slick Rock-Dakota	D	0-5	1.00		100		14	284	14	284
Table Mesa-Dakota	D	0-5	1.00		100		2	39	2	39
Table Mesa-Penn. D	Penn.	7-8	2.33		233		1	17	1	17
Tapacito Gallup Assoc.	G	6-7	2.77		277		3	81	3	81
Tocito Dome Penn. D	Penn.	6-7	4.77	1	477	477	16	2161	17	2638
Totah-Gallup	G	5-6	2.33		233		12	481	12	481
Verde-Gallup	G	0-5	1.00		100		54	471	54	471
Waterflow-Gallup, South	G	0-5	4.00		400		3	30	3	30
UNDESIGNATED WELLS										
McKINLEY COUNTY										
Undes. Dakota	D	0-5	1.00		100		2	87	2	87
RIO ARRIBA COUNTY										
Undes. Mancos	M	0-5	1.00		100		2	10	2	10
Undes. Mesaverde	MV	0-5	1.00		100		1	9	1	9
Undes. Pictured Cliff	PC	0-5	1.00		100		4	18	4	18
Undes. Gallup	G	5-6	1.33		133		5	24	5	24
Undes. Mesaverde	MV	5-6	1.33		133					
Undes. Gallup	G	6-7	1.77		177		22	239	22	239
Undes. Dakota	D	7-8	2.33		233		16	210	16	210
Undes. Dakota	D	8-9	3.00		300		3	21	3	21
SAN JUAN COUNTY										
Undes. Farmington	F	0-5	1.00		100		3	14	3	14
Undes. Dakota	D	0-5	1.00		100		1	17	1	17
Undes. Gallup	G	0-5	1.00		100		4	25	4	25
Undes. Gallup-Dakota	G-D	0-5	1.00		100		1	7	1	7
Undes. Mesaverde	MV	0-5	1.00		100		1	7	1	7
Undes. Point Lookout	PL	0-5	1.00		100		1	4	1	4
Undes. Gallup	G	5-6	1.33		133		13	84	13	84
Undes. Mancos-Dakota	D	6-7	1.77		177		2	22	2	22
Undes. Dakota	D	6-7	1.77		177		2	7	2	7
Undes. Paradox	Par.	6-7	1.77		177		1	2	1	2
Undes. Paradox	Par.	7-8	2.33		233					
SANDOVAL COUNTY										
Undes. Gallup	G	0-5	1.00		100					
Undes. Gallup	G	5-6	1.33		133		3	31	3	31
Undes. Dakota	D	6-7	1.77		177		4	383	4	383
GRAND TOTAL				51		6380	786	17,067	837	23,447

MEMO NO. 2-71

OIL CONSERVATION COMMISSION
POST OFFICE BOX 2088
SANTA FE, NEW MEXICO
87501

M E M O R A N D U M

TO: ALL OPERATORS

FROM: A. L. PORTER, Jr., SECRETARY-DIRECTOR

SUBJECT: RULE 506 AMENDMENT

COMMISSION ORDER R-4139 SIGNED BY THE COMMISSION ON JUNE 25, 1971 LIMITS CASINGHEAD GAS PRODUCTION FROM EACH OIL WELL TO TOP ALLOWABLE FOR THE POOL IN WHICH IT IS LOCATED MULTIPLIED BY THE GAS-OIL RATIO LIMIT FOR THAT POOL.

FOR EXAMPLE, ALL WELLS IN THE MONUMENT POOL WOULD BE LIMITED TO 70 TIMES 3000 OR 210,000 CUBIC FEET OF GAS PER DAY DURING JULY.

THE PROVISIONS OF COMMISSION ORDER R-4159 WILL BE SUSPENDED, HOWEVER, PENDING THE OUTCOME OF THE DE NOVO HEARING TO BE HELD AT 9:00 A.M., JULY 21, 1971 AT MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

JUNE 30, 1971

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
OCC Exhibit No. 12
Case No. 4552 (de novo)

JULY & AUGUST 1971 ORDER NO. A-254

NEW MEXICO OIL CONSERVATION COMMISSION

STATE WIDE OIL PRORATION ORDER - NORMAL UNIT ALLOWABLE 70 BBLS.

G. O. R. SCHEDULE

THE GAS-OIL RATIO PERIOD FOR THE POOLS LISTED BELOW BEGINS JULY AND AUGUST 1971	DURATION OF TEST PERIOD	THE RESULTS OF GAS-OIL RATIO TESTS TAKEN IN POOLS LISTED BELOW ARE TO BE SUBMITTED TO THIS OFFICE ON FORM C-116 NOT LATER THAN JULY OR AUGUST 10, 1971
BAGLEY PENN EAST	1 MONTH	BAUM UPPER PENN, NORTH
BLUITT S. A. ASSOCIATED	1 MONTH	**BAGLEY PENN
BOUGH DEVONIAN	1 MONTH	**BAGLEY PENN, EAST
BOUGH PERMO PENN	1 MONTH	**BAGLEY PENN, NORTH
BRUNSON ELLENBURGER	2 MONTHS	**BAGLEY SILURO DEVONIAN
*BRUNSON ELLENBURGER EAST	1 MONTH	**BLUITT S. A. ASSOCIATED
BRUNSON ELLENBURGER SOUTH	2 MONTHS	**BOUGH DEVONIAN
*BRUNSON McKEE EAST	1 MONTH	**BOUGH PERMO PENN
*BRUNSON GRANITE WASH EAST	1 MONTH	CAPROCK DEVONIAN, EAST
*BUCKEYE ABO	1 MONTH	CARY MONTOYA
CAPROCK QUEEN	3 MONTHS	CASS PENN
CHAVEROO SAN ANDRES NORTHEAST	1 MONTH	**CATO SAN ANDRES
CLINE DRINKARD ABO	1 MONTH	**CHAVEROO SAN ANDRES
DENTON DEVONIAN	2 MONTHS	**CHAVEROO SAN ANDRES, NORTHEAST
DENTON WOLFCAMP	2 MONTHS	**CLINE DRINKARD ABO
*DENTON WOLFCAMP EAST	1 MONTH	**DOGIE DRAW WOLFCAMP
*DICKINSON PENN EAST	1 MONTH	**DOUBLE L QUEEN
DOGIE DRAW WOLFCAMP	1 MONTH	**DOUBLE X DELAWARE
DOUBLE X DELAWARE	1 MONTH	**EUMONT (OIL)
EL MAR DELAWARE	2 MONTHS	**EUNICE GRAYBURG SAN ANDRES
EUNICE, SOUTH	1 MONTH	**EUNICE SAN ANDRES, SOUTH
HARDY BLINEBRY	1 MONTH	**HARDY BLINEBRY
HIGH PLAINS PENN	1 MONTH	**HIGH PLAINS PENN
HOBBS BLINEBRY	3 MONTHS	HIGHTOWER PERMO PENN
HOBBS GRAYBURG SAN ANDRES	3 MONTHS	HIGHTOWER UPPER PENN, EAST
HOBBS DRINKARD	3 MONTHS	HIGHTOWER LOWER PENN, EAST
MEDICINE ROCK DEVONIAN	1 MONTH	KEMNITZ LOWER WOLFCAMP
MESA QUEEN	1 MONTH	KEMNITZ LOWER WOLFCAMP, WEST
MONUMENT BLINEBRY	2 MONTHS	KEMNITZ UPPER WOLFCAMP, SOUTH
MONUMENT PADDOCK	2 MONTHS	**MEDICINE ROCK DEVONIAN
MONUMENT TUBB	2 MONTHS	**MESA QUEEN
OIL CENTER BLINEBRY	1 MONTH	MILNESAND PENN, WEST
*OSUDO WOLFCAMP	1 MONTH	MILNESAND SAN ANDRES
*PADUCA DELAWARE	1 MONTH	MOORE DEVONIAN
*PADUCA DELAWARE EAST	1 MONTH	**OIL CENTER BLINEBRY
*PADUCA DELAWARE NORTH	1 MONTH	PADDOCK
*SAUNDERS PERMO PENN	2 MONTHS	PADDOCK, SOUTH
STATELINE ELLENBURGER	1 MONTH	**STATELINE ELLENBURGER
TEAS YATES WEST	1 MONTH	TEAGUE BLINEBRY
TOBAC PENN	1 MONTH	**TEAS YATES, WEST
TODD LOWER SAN ANDRES	1 MONTH	**TOBAC PENN
*TUBB GAS	3 MONTHS	**TODD SAN ANDRES LOWER
*TUBB OIL	3 MONTHS	TOWNSEND WOLFCAMP
VACUUM ABO REEF	3 MONTHS	WARREN DEVONIAN
*VACUUM ABO NORTH	2 MONTHS	WARREN DRINKARD
VACUUM BLINEBRY	3 MONTHS	WARREN McKEE
VACUUM GLORIETA	3 MONTHS	YOUNG WOLFCAMP
VACUUM LOWER PENN	3 MONTHS	
VACUUM UPPER PENN	3 MONTHS	
*VACUUM WOLFCAMP	2 MONTHS	
*VACUUM WOLFCAMP SOUTH	2 MONTHS	
*VACUUM YATES	2 MONTHS	

* TESTS BEGIN IN AUGUST 1971

**TESTS DUE IN O.C.C. OFFICE IN AUGUST 1971

THE DISTRICT SUPERVISOR SHOULD BE NOTIFIED OF ANY ERRORS IMMEDIATELY

DISTRICT I
PRORATION OFFICE
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

PLACING OF UNDESIGNATED WELLS IN POOLS

In accordance with the provisions of Commission Order No. R-4146, one pool was created in District I as follows:

WEST WARREN-BLINEBRY POOL

Continental Oil Company	Semu Burger #21-O	19-20-38

In accordance with the provisions of Commission Order No. R-4132, one pool was created in District I as follows:

VEST RANCH-QUEEN POOL

Jack F. Grimm	Federal 28 #1-G	28-14-30

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

ORDER NO. A-254

STATEWIDE OIL PRORATION ORDER FOR JULY AND AUGUST 1971

The Oil Conservation Commission held public hearing at Santa Fe, New Mexico, on June 16, 1971, at 9 a.m., pursuant to legal notice for the purpose of setting the allowable production of oil within the State of New Mexico for the months of July and August, 1971.

NOW, on this 17th day of June, 1971, the Commission a quorum being present, having considered the testimony adduced as to probable market demand, the nominations of purchasers, the capacities of producing wells, together with the anticipated newly completed or recompleted wells, and being otherwise fully advised in the premises,

FINDS:

(1) That the reasonable market demand for oil produced in the State of New Mexico during the months of July and August, 1971, is approximately 413,278 barrels per day, which total includes a demand for approximately 389,141 barrels of oil per day from the counties of Lea, Eddy, Chaves, and Roosevelt, and a demand for approximately 24,137 barrels of oil per day from the counties of San Juan, McKinley, Rio Arriba, and Sandoval.

(2) That the potential producing capacity of all oil wells in the State is in excess of such reasonable market demand, and in order to prevent waste the production of oil should be limited, allocated, and distributed for the months of July and August, 1971.

(3) That all the producing oil wells, together with the expected completed or recompleted wells in the State within the proration period, can produce a total of approximately 413,278 barrels per day without causing waste, and an allocation based upon such production would be reasonable and would protect correlative rights.

(4) That the demand for oil from each of the above-described areas is separate and distinct and cannot be reasonably met by the production of oil from the other area, and that the production allowable for each of the said areas should be based upon the demand for oil from that area.

(5) That a total Southeast New Mexico production allowable of 389,141 barrels per day, which includes 5,000 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties by the establishment of a normal unit allowable for those counties of 70 barrels per unit per day.

(6) That a total Northwest New Mexico production allowable of 24,137 barrels per day,which includes 500 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties by the establishment of a normal unit allowable for those counties of 100 barrels per unit per day.

IT IS THEREFORE ORDERED:

(1) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, is hereby set at 70 barrels per unit per day; provided that each well in the Knowles Pool in Lea County under 80-acre spacing Order No. R-40 (except as amended by Order No. R-52) is allocated 140 barrels per 80 acres, with deep-pool adaptation. Provided further that the top unit allowable for the North Mason-Delaware Pool in Lea and Eddy Counties is hereby set at 71 barrels per unit per day in accordance with the provisions of Order No. R-944. Provided further that the top unit allowable for the South Carter-San Andres Pool in Lea County is hereby set at 45 barrels per unit per day in accordance with the provisions of Order No. R-1012. The allocation hereby set for said months in the allocated pools of Lea, Eddy, Chaves, and Roosevelt Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(2) A Southeast New Mexico proration schedule duly prepared by the Commission and thereafter adopted for the months of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining,

processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(3) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within San Juan, McKinley, Rio Arriba, and Sandoval Counties, New Mexico, is hereby set at 100 barrels per unit per day; provided that each well in the Bisti-Lower Gallup Oil Pool in San Juan County, to which has been dedicated 80 acres, is allocated 200 barrels per 80 acres in accordance with the provisions of Order No. R-1069-B. The allocation hereby set for said months in the allocated pools of San Juan, McKinley, Rio Arriba, and Sandoval Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(4) A Northwest New Mexico proration schedule duly prepared by the Commission and threrafter adopted for the month of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining, processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(5) For the months of July and August, 1971, the basic 40-acre Area Allowable Factors for waterfloods in Southeast New Mexico and Northwest New Mexico shall be 70 and 100, respectively, in accordance with Rule 701 E 4 of the Commission Rules and Regulations.

IT IS FURTHER ORDERED:

The foregoing order shall remain effective until further order of the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

SUPPLEMENTS ISSUED FROM APRIL 15, 1971

SUPP. NO.	OPERATOR	LEASE	WELL NO.	POOL	CURRENT ALLOWABLE APRIL	REV. ASSIGN.	EFF. DATE
264	J. C. Barnes Oil Company	Lea State	2-N	Vacuum Wolfcamp	1500	Testing Allowable	
265	Texaco Inc.	N. M. "O" State NCT-1	24-P	Vacuum Glorieta	1368	R	4-15-71
266	Mobil Oil Corporation	Bridges State	86-P	Vacuum (G-SA)	168	R	4-15-71
"	"	"	91-I	"	230	R	4-15-71
"	"	"	92-O	"	246	R	4-15-71
267	Shell Oil Company	McKinley "B"	5-L	Hobbs (G-SA)	1654	R	4-15-71
268	Mobil Oil Corporation	Denton North WC Ut. Tr.19	9-O	Denton Wolfcamp	2144	A/C	4-15-71
269	Getty Oil Company	O. L. Coleman	4-H	Eumont	418	R	4-15-71
270	Superior Oil Company	State "H"	1-M	Undesignated (Lea)	2310	A	4-1-71
271	Signal Oil & Gas Company	Slack R/A "A"	4-D	Gladiola Devonian	615	R	4-16-71
272	"	State SDA	1-M	So. Denton Devonian	975	R	4-16-71
273	Atlantic Richfield Company	Mary J. Byrd	3-G	Monument (G-SA)	630	R	4-16-71
274	Amerada Hess Corporation	D. F. Larsen	2-C	"	920	R	4-16-71
275	A. F. Roberts, Jr.	Gulf State	3-J	Inbe Permo Penn	525	A/O	4-16-71
276	Sun Oil Company	H. D. McKinley	4-G	Hobbs (G-SA)	1635	R	4-16-71
277	Atlantic Richfield Company	Grimes	1-O	"	525	R	4-16-71
278	Mobil Oil Corporation	Bridges State	153-N	North Vacuum Abo	750	A	4-1-71
279	"	"	152-B	"	4158	A	4-4-71
280	Getty Oil Company	A. B. Coates "C"	7-G	Justis Montoya	589	A	4-12-71
281	Hanson Oil Corporation	Kingwood	1-J	Blinebry	1819	A	4-14-71
282	Meadco Properties, Ltd.	Shell "P" State	1-C	North Bagley Penn	3857	A	4-12-71
283	Continental Oil Company	MCA Unit Battery 3	274-A	Maljamar Repress.	4950	A	4-1-71
284	Sam D. Ares	Everett	1-K	Jalmat	324	R	4-19-71
285	Gulf Oil Corporation	Stuart Langlie Mattix Ut.	113-C	Langlie Mattix	1500	R	4-1-71
286	Continental Oil Company	MCA Unit Battery 1	276-P	Maljamar Repress.	4186	A	4-8-71
287	Texas Pacific Oil Company, Inc.	State "A" A/c-2	54-O	South Eunice	450	R	4-21-71
288	Skelly Oil Company	Mexico "F"	1-C	Denton Devonian	490	R	4-21-71
289	Texas Pacific Oil Company, Inc.	State "C" A/c-2	2-H	North Bagley Penn	6490	R	4-21-71
290	Humble Oil & Refining Company	John D. Knox	11-I	Oil Center Blinebry	99	A/O	4-20-71
291	"	Humble Aggies State	1-N	Eunice (G-SA)	55	A/C	4-20-71
292	Mobil Oil Corporation	Bridges State	152-B	North Vacuum Abo	4590	R	4-22-71
293	Amerada Hess Corporation	State NJA	3-A	North Justis Fusselman	1210	R	4-21-71
294	"	Ida White	1-K	Eumont	310	R	4-21-71
295	BTA Oil Producers	McNulty 7101 JV-D	2-F	Vada Penn	5348	A	4-17-71
296	Cabot Corporation	Howard Fleet	2-P	King Devonian	826	R	4-23-71
297	Amerada Hess Corporation	B. V. Culp	1-O	Monument (G-SA)	642	R	4-23-71
298	Texaco Inc.	New Mexico "K" State	2-I	"	1036	R	4-23-71
299	Amerada Hess Corporation	State "PA"	2-N	Arrowhead Grayburg	1318	R	4-23-71
300	Mobil Oil Corporation	Bridges State	155-D	North Vacuum Abo	3165	A	4-16-71
301	Blackrock Oil Company	State "CY"	1-M	E. Hightower Upper Penn	1728	A	4-15-71

SUPPLEMENTS ISSUED FROM APRIL 15, 1971 CONTINUED

302	Millard Deck	Patsy	2-B	Langlie Mattix	1040	A	4-18-71
303	Bruce A. Wilbanks	Wood State "A"	1-C	Monument (G-SA)	30	A/O	4-1-71
304	Bettis, Boyle & Stovall	Leonard Federal	7-P	Dublin Devonian	20	A/O	4-26-71
305	Texaco Inc.	New Mexico "O" St. NCT-1	14-J	North Vacuum Abo	1485	R	4-26-71
306	Mobil Oil Corporation	Bridges State	27-H	Vacuum Blinebry	756	R	4-27-71
307	Jake L. Hamon	D. F. Wilhoit	2-M	South Knowles Devonian	384	R	4-27-71
308	Texaco Inc.	Nordon Corp. Ltd.	1-N	Hobbs (G-SA)	285	R	4-26-71
309	Tipperary Resources Corporation	Chaney Federal	1-L	North Bagley Penn	3722	R	4-27-71
310	Atlantic Richfield Company	Wimberly WN	7-B	Justis Blinebry	1156	R	4-27-71
311	Gulf Oil Corporation	Graham State NCT-A	6-A	Hobbs (G-SA)	1580	R	4-26-71
312	Aztec Oil & Gas Company	State "NV"	1-N	North Vacuum Abo	2340	A	4-22-71
313	Amoco Production Company	State A-3	25-P	Hobbs (G-SA)	1923	R	4-28-71
314	Sun Oil Company	W. W. Weatherly	2-J	Penrose Skelly Grayburg	1840	A	4-8-71
315	Atlantic Richfield Company	O. O. Bradley	1-A	Hobbs (G-SA)	1308	R	4-29-71
316	Belco Petroleum Corporation	Midwest State	1-A	Vada Penn	5548	R	4-29-71
317	Getty Oil Company	W. D. Grimes	4-H	Hobbs (G-SA)	1131	R	4-28-71
318	Phillips Petroleum Company	Ranger Lake Ut. Tr. 2	3-J	Ranger Lake Penn	1200	R	4-1-71
"	"	"	6-N	"	1800	R	4-1-71
"	"	"	7-L	"	750	R	4-1-71
"	"	"	13-B	"	1500	R	4-1-71
"	"	" Tr. 6	1-P	"	900	R	4-1-71
319	Phillips Petroleum Company	Ranger Lake Ut. Tr. 8	2-B	Ranger Lake Penn	1500	R	4-1-71
320	Texaco Inc.	G.L.Erwin"B"Fed.NCT-2	3-I	North Justis Fusselman	1364	R	4-29-71
321	Continental Oil Company	MCA Unit Battery #2	269-P	Maljamar Repress.	6990	A	4-1-71
322	"	MCA Unit Battery #1	266-K	"	2070	A	4-1-71
323	Atlantic Richfield Company	Carlson Federal	1-K	Justis Blinebry	724	R	4-30-71
324	Continental Oil Company	State "E"	7-J	South Eunice	8	A/O	4-30-71
325	Continental Oil Company	MCA Unit Battery #3	275-H	Maljamar Repress.	208	A	4-18-71
326	Continental Oil Company	MCA Unit Battery #4	273-L	"	240	A	4-27-71
327	Continental Oil Company	MCA Unit Battery #2	277-B	Maljamar Repress.	784	A	4-17-71
328	"	MCA Unit Battery #1	279-P	"	1440	A	4-25-71
329	"	MCA Unit Battery #3	280-G	"	620	A	4-26-71
330	Arwood, Ltd.	Taylor	2-M	Maljamar (G-SA)	210	A/O	4-1-71
331	"	Taylor Bty. #2	3-N	"	450	A/O	4-1-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971

SUPP. NO.	OPERATOR	LEASE	WELL NO.	POOL	CURRENT ALLOWABLE MAY	JUNE	REV. ASSIGN.	EFF. DATE
1	Aztec Oil & Gas Company	State "NV"	1-N	North Vacuum Abo	8060	7800	A	5-1-71
2	Sun Oil Company	W. W. Weatherly	2-J	Penrose Skelly Grayburg	2480	2400	A	5-1-71
3	Continental Oil Company	MCA Unit Battery #2	269-P	Maljamar Repress.	7223	6990	A	5-1-71
4	"	MCA Unit Battery #1	266-K	"	2139	2070	A	5-1-71
5	Superior Oil Company	State "H"	1-M	Wildcat (Lea)	2387	2310	A	5-1-71
6	Mobil Oil Corporation	Bridges State	153-N	North Vacuum Abo	775	750	A	5-1-71
7	"	"	152-B	"	4774	4620	A	5-1-71
8	Getty Oil Company	A. B. Coates "C"	7-G	Justis Montoya	961	930	A	5-1-71
9	Hanson Oil Corporation	Kingwood	1-J	Blinebry	3317	3210	A	5-1-71
10	Meadco Properties, Ltd.	Shell "F" State	1-O	North Bagley Penn	6293	6090	A	5-1-71
11	Continental Oil Company	MCA Unit Battery #3	274-A	Maljamar Repress.	5115	4950	A	5-1-71
12	"	MCA Unit Battery #1	276-P	"	5642	5460	A	5-1-71
13	BTA Oil Producers	McNulty 7101 JV-D	2-F	Vada Penn	11842	11460	A	5-1-71
14	Blackrock Oil Company	State "CY"	1-M	E. Hightower Upper Penn	3348	3240	A	5-1-71
15	Millard Deck	Patsy	2-B	Langlie Mattix	2480	2400	A	5-1-71
16	Mobil Oil Corporation	Bridges State	155-D	North Vacuum Abo	6541	6330	A	5-1-71
17	Continental Oil Company	State "E"	7-J	South Eunice	248	240	A/O	5-1-71
18	Bettis, Boyle & Stovall	Justis "A"	2-H	Jalmat	186	180	A/O	5-1-71
19	Ralph Clarke	Imperial Royalties	1-F	Langlie Mattix	62	60	A/O	5-1-71
20	Atlantic Richfield Company	Carlson Federal	1-K	Justis Blinebry	2666	2580	R	5-1-71
21	Texaco Inc.	G.L.Erwin"B" Fed. NCT-2	3-I	North Justis Fusselman	2046	1980	R	5-1-71
22	Getty Oil Company	W. D. Grimes	4-H	Hobbs (G-SA)	2480	2400	R	5-1-71
23	Belco Petroleum Corporation	Midwest State	1-A	Vada Penn	7006	6780	R	5-1-71
24	Atlantic Richfield Company	O. O. Bradley	1-A	Hobbs (G-SA)	2460	2400	R	5-1-71
25	Amoco Production Company	State A-3	25-P	"	2015	1950	R	5-1-71
26	Bettis, Boyle & Stovall	Leonard Federal	7-P	Dublin Devonian	124	120	A/O	5-1-71
27	Gulf Oil Corporation	Stuart Langlie Mtx. Ut.	113-C	Langlie Mattix	1550	1500	R	5-1-71
28	Sam D. Ares	Everett	1-K	Jalmat	465	450	R	5-1-71
29	Amerada Hess Corporation	Ida White	1-K	Eumont	465	450	R	5-1-71
30	"	State NJA	3-A	North Justis Fusselman	1457	1410	R	5-1-71
31	Mobil Oil Corporation	Bridges State	152-B	North Vacuum Abo	6262	6060	R	5-1-71
32	Humble Oil & Refining Company	John D. Knox	11-I	Oil Center Blinebry	279	270	A/O	5-1-71
33	Texas Pacific Oil Company, Inc.	State "C" A/c-2	2-H	North Bagley Penn	12059	11670	R	5-1-71
34	Skelly Oil Company	Mexico "F"	1-C	Denton Devonian	1085	1050	R	5-1-71
35	Texas Pacific Oil Company, Inc.	State "A" A/c-2	54-O	South Eunice	527	510	R	5-1-71
36	Amerada Hess Corporation	State "PA"	2-N	Arrowhead Grayburg	2480	2400	R	5-1-71
37	Texaco Inc.	New Mexico "K" State	2-I	Monument (G-SA)	2480	2400	R	5-1-71
38	Humble Oil & Refining Company	Humble Aggies State	1-N	Eunice (G-SA)	155	150	A/O	5-1-71
39	Amerada Hess Corporation	B. V. Culp	1-O	Monument (G-SA)	868	840	R	5-1-71
40	Cabot Corporation	Howard Fleet	2-P	King Devonian	1240	1200	R	5-1-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

41	Bruce A. Wilbanks	Wood State "A"	1-C	Monument (G-SA)	31	30	A/O	5-1-71
42	Shell Oil Company	McKinley "B"	5-L	Hobbs (G-SA)	1767	1710	R	5-1-71
43	Mobil Oil Corporation	Denton N. WC Ut. Tr. 19	9-O	Denton Wolfcamp	4154	4020	A/O	5-1-71
44	"	Bridges State	86-P	Vacuum (G-SA)	217	210	R	5-1-71
"	"	"	91-I	"	310	300	R	5-1-71
"	"	"	92-O	"	341	330	R	5-1-71
45	Texaco Inc.	N. M. "O" State NCT-1	24-P	Vacuum Glorieta	1674	1620	R	5-1-71
46	Gulf Oil Corporation	Graham State NCT-A	6-A	Hobbs (G-SA)	2046	1980	R	5-1-71
47	Atlantic Richfield Company	Wimberly WN	7-B	Justis Blinebry	3317	3210	R	5-1-71
48	Tipperary Resources Corporation	Chaney Federal	1-L	North Bagley Penn	5270	5100	R	5-1-71
49	Texaco Inc.	Nordon Corporation Ltd.	1-N	Hobbs (G-SA)	372	360	R	5-1-71
50	Jake L. Hamon	D. F. Willhoit	2-M	South Knowles Devonian	558	540	R	5-1-71
51	Mobil Oil Corporation	Bridges State	27-H	Vacuum Blinebry	1023	990	R	5-1-71
52	Texaco Inc.	N. M. "O" State NCT-1	14-J	North Vacuum Abo	1767	1710	R	5-1-71
53	Atlantic Richfield Company	Grimes	1-O	Hobbs (G-SA)	558	540	R	5-1-71
54	Sun Oil Company	H. D. McKinley	4-G	"	2480	2400	R	5-1-71
55	Amerada Hess Corporation	D. F. Larsen	2-C	Monument (G-SA)	1302	1260	R	5-1-71
56	A. F. Roberts, Jr.	Gulf State	3-J	Inbe Permo Penn	1085	1050	A/O	5-1-71
57	Atlantic Richfield Company	Mary J. Byrd	3-G	Monument (G-SA)	806	780	R	5-1-71
58	Signal Oil & Gas Company	State SDA	1-M	South Denton Devonian	1085	1050	R	5-1-71
59	"	Slack R/A "A"	4-D	Gladiola Devonian	744	720	R	5-1-71
60	Getty Oil Company	O. L. Coleman	4-H	Eumont	620	600	R	5-1-71
61	Amoco Production Company	So. Mattix Unit Fed.	5-E	Fowler Ellenburger	1922	1860	A/O	5-1-71
62	Joseph P. Driscoll	Pure State	1-M	Pearl Queen	775	750	A/O	5-1-71
63	Jack F. Grimm	Federal 28	3-B	West Ranch Queen	2480	2400	A	5-1-71
64	Continental Oil Company	MCA Unit Battery #3	275-H	Maljamar Repress.	496	480	A	5-1-71
65	"	" Battery #4	273-L	"	1860	1800	A	5-1-71
66	"	" Battery #2	277-B	"	1736	1680	A	5-1-71
67	"	" Battery #1	279-P	"	7440	7200	A	5-1-71
68	"	" Battery #3	280-G	"	3844	3720	A	5-1-71
69	Coastal States Gas Producing Co.	Flying M SA Ut. Tr. 1a	2-H	Flying M San Andres	1085	1050	A/O	5-1-71
"	"	" "	5-J	"	1395	1350	A/O	5-1-71
"	"	" Tr. 3	1-N	"	620	600	A/O	5-1-71
"	"	" Tr. 4	4-I&1-P	"	775	750	A/O	5-1-71
"	"	" "	3-H	"	155	150	A/O	5-1-71
70	"	" Tr. 5	1-G	"	1860	1800	A/O	5-1-71
"	"	" "	3-E	"	620	600	A/O	5-1-71
"	"	" Tr. 6	1-F	"	620	600	A/O	5-1-71
"	"	" Tr. 9	3-J	"	2635	2550	A/O	5-1-71
"	"	" Tr. 10	4-M&2-L	"	1860	1800	A/O	5-1-71
71	"	" Tr. 13	1-F	"	4960	4800	A/O	5-1-71
"	"	" "	2-C	"	465	450	A/O	5-1-71
"	"	" Tr.14	4-I&1-P	"	775	750	A/O	5-1-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

71	Coastal States Gas Producing Co.	Flying M SA Ut.	Tr. 15	1-B	Flying M San Andres	1395	1350	A/O	5-1-71
"	"	"	"	3-P	"	465	450	A/O	5-1-71
72	"	"	Tr. 17	3-O&1-J	"	2325	2250	A/O	5-1-71
"	"	"	"	2-L	"	465	450	A/O	5-1-71
"	"	"	Tr. 25	1-D	"	620	600	A/O	5-1-71
"	"	"	"	3-L	"	1085	1050	A/O	5-1-71
73	Gulf Oil Corporation	"	"	4-N	"	465	450	A/O	5-1-71
"	"	T. R. Andrews		3-J	South Paddock	3317	3210	R	5-1-71
"	"	"		6-H	"	2914	2820	R	5-1-71
74	Texas Pacific Oil Co., Inc.	Higgins		2-I	"	1860	1800	R	5-1-71
"	"	Eaton SW		8-M	Justis Blinebry	3317	3210	R	5-1-71
75	Champlin Petroleum Company	"		10-N	"	3317	3210	R	5-1-71
"	"	State 8		1-A	Vada Penn	1240	1200	A/O	5-1-71
"	"	State 18		1-K	"	775	750	A/O	5-1-71
"	"	"		2-G	"	1240	1200	A/O	5-1-71
76	Texas Pacific Oil Co., Inc.	"		3-O	"	1302	1260	A/O	5-1-71
"	"	Cabot State		1-D	Vada Penn	2728	2640	A/O	5-1-71
"	"	Humble State		1-E	"	930	900	A/O	5-1-71
"	"	Hutcherson "A"		1-M	"	2232	2160	A/O	5-1-71
"	"	Hutcherson "B"		1-O	"	465	450	A/O	5-I-71
77	Phillips Petroleum Company	Stone		1-L	"	713	690	A/O	5-1-71
"	"	Ranger Lake Ut.	Tr. 2	3-J	Ranger Lake Penn	1240	1200	R	5-1-71
"	"	"	"	6-N	"	1860	1800	R	5-1-71
"	"	"	"	7-L	"	775	750	R	5-1-71
"	"	"	"	13-B	"	1550	1500	R	5-1-71
"	"	"	Tr. 6	1-P	"	930	900	R	5-1-71
78	Phillips Petroleum Company	"	Tr. 8	2-B	"	1550	1500	R	5-1-71
"	"	W.Caprock Qu.Sand Ut.	Tr.2	2-I	Caprock Queen (Chaves)	155	150	R	5-1-71
"	"	"	"	3-O	"	155	150	R	5-1-71
"	"	"	Tr.3	2-M	"	155	150	R	5-1-71
"	"	"	Tr.5	3-C	"	155	150	R	5-1-71
"	"	"	"	4-E	"	155	150	R	5-1-71
79	Phillips Petroleum Company	"	Tr.6	1-M	"	155	150	R	5-1-71
"	"	"	Tr.7	1-I	"	465	450	R	5-1-71
"	"	"	"	4-O	"	620	600	R	5-1-71
"	"	"	Tr.8	2-L	"	620	600	R	5-1-71
"	"	"	Tr.9	2-A	"	620	600	R	5-1-71
"	"	"	Tr.10	4-A	"	155	150	R	5-1-71
80	Atlantic Richfield Company	"	"	6-E	"	620	600	R	5-1-71
81	Imperial American Management Co.	E. C. Adkins		10-H	Eunice (G-SA)	310	300	R	5-1-71
82	Phillips Petroleum Company	Federal GPS		1-O	Blinebry	503	510	R	5-3-71
"	"	Eilliams		1-H	Corbin Abo	29	30	A/O	5-3-71
		"		2-G	"	2242	2190	R	5-4-71
						2689	2640	R	5-4-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

82	Phillips Petroleum Company	Eilliams	3-E	Corbin Abo	1297	1290	R	5-4-71
"	"	"	4-F	"	1176	1170	R	5-4-71
"	"	"	6-E	"	1464	1440	R	5-4-71
83	Ralph Lowe	State "D"	2-E	Vada Penn	310	300	A/O	5-1-71
84	Imperial American Management Co.	McCallister	1-C	Drinkard	116	120	A/O	5-3-71
85	"	Royalty Holding	1-B	"	29	30	A/O	5-3-71
86	Shell Oil Company	Sanger	6-D	Hobbs (G-SA)	655	660	R	5-4-71
87	Major, Giebel & Forster	Huber "A"	1-C	North Bagley Penn	14074	13620	A	5-1-71
88	Superior Oil Company	Government "E"	1-N	Lea Bone Springs	3007	2910	A	5-1-71
89	J. C. Barnes Oil Company	Lea State	2-H	NW Vacuum Wolfcamp	4526	4380	A	5-1-71
90	Texas Pacific Oil Company, Inc.	Will Cary	9-E	So. McCormack Silurian	1860	1800	A	5-1-71
91	Coastal States Gas Producing Co.	State 1	1-H	Baum Upper Penn	3473	3450	R	5-5-71
"	"	State 36	1-G	"	9558	9300	R	5-5-71
92	"	Federal 20	3-E	North Baum Upper Penn	4748	4800	R	5-5-71
93	Atlantic Richfield Company	C. Jones WN	7-H	South Eunice	205	210	R	5-5-71
94	Texaco Inc.	West Lovington Unit	1-M	W. Lovington SA	124	120	R	5-1-71
95	A. J. Vogel, Inc.	D & E Federal	1-N	Lynch Yates 7 Rivers	297	330	A/O	5-5-71
"	"	"	2-B	"	891	990	A/O	5-5-71
"	"	R & B Federal	1-O	"	297	330	A/O	5-5-71
96	Amerada Hess Corporation	V. Laughlin	3-B	Monument (G-SA)	2104	2160	R	5-5-71
97	Coastal States Gas Producing Co.	Goedeke Federal	1-K	Salado Draw Delaware	488	480	R	5-5-71
98	Jake L. Hamon	Texas Gulf State "A"	1-E	So. Vacuum Bone Spring	1456	1440	R	5-5-71
99	Marathon Oil Company	Warn State A/c-2	5-H	Vacuum Glorieta	3297	3210	R	5-5-71
100	STA Oil Producers	Cities 688 Ltd.	1-A	Vada Penn	10882	11460	R	5-5-71
101	Atlantic Richfield Company	Jal	3-A	Justis Blinebry	232	240	R	5-5-71
"	"	Wimberly WN	10-F	"	1630	1620	R	5-5-71
102	Tom Brown Drilling Company	Warren State 23	1-B	Inbe Permo Penn	390		Testing	Allowable
"	"	O'Neill State	1-O	"	834		Testing	Allowable
"	"	T. P. State	1-D	"	911		Testing	Allowable
103	Delaware Apache Corporation	Willis	1-H	Vada Penn	11842	11460	A	5-1-71
104	Belco Petroleum Corporation	Henry	1-A	Vada Penn	7192	6960	A	5-1-71
105	Amerada Hess Corporation	State WG	1-O	Undesignated (Lea)	1500		Testing	Allowable
106	Atlantic Richfield Company	State B-1578	3-F	Vacuum Wolfcamp	217	210	A/O	5-1-71
107	Wiser Oil Company	Calley "A"	1-N	Langlie Mattix	81	90	A/O	5-5-71
108	Charles B. Gillespie, Jr.	State "M" Com.	1-D	Saunders Permo Penn	441	480	R	5-6-71
"	"	"	2-F	"	483	540	R	5-6-71
109	"	Stevens	3-A	"	390	450	A/O	5-6-71
110	Amerada Hess Corporation	State LM "A" Com.	1-P	Langlie Mattix	54	60	A/O	5-6-71
111	"	State LM "T"	3-G	"	54	60	A/O	5-6-71
"	"	"	4-H	"	27	30	A/O	5-6-71
"	"	"	7A-C	"	54	60	A/O	5-6-71
112	Superior Oil Company	Government "E"	1-N	Lea Bone Springs	4073	4140	R	5-6-71
113	Forest Oil Corporation	B. Lee State	1-F	Vacuum Abo Reef	3237	3360	R	5-6-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

114	Tenneco Oil Company	Ward Insall Com.	1-D	Vada Penn	3360	3300	R	5-6-71
"	"	"	2-A	"	7300	8250	R	5-6-71
115	Jack F. Grimm	Federal 28	1-G	Chaves (Undesignated)	Allowable	Cancellation		5-1-71
116	Humble Oil & Refining Company	New Mexico "A" State	1-I	Hobbs (G-SA)	2480	2400	R	5-1-71
117	Cities Service Oil Company	Lane	1-C	Mescalero San Andres	2480	2400	R	5-1-71
118	Penrose Production Company	State	1-D	Arrowhead Grayburg	464	480	A	5-3-71
119	Strata Petroleum Company	Hutcherson	1-E	W. Milnesand San Andres	217	210	A/O	5-1-71
120	Atlantic Richfield Company	Wimberly	2-C	Justis Fusselman	325	390	A/O	5-7-71
121	Continental Oil Company	Payne	1-H	El Mar Delaware	561	630	R	5-7-71
122	BTA Oil Producers	Myrtle 689 Ltd.	1-I	North Bagley Penn	2397	2430	R	5-7-71
123	Atlantic Richfield Company	E. C. Adkins	7-I	Eunice (G-SA)	410	420	R	5-7-71
124	Belco Petroleum Corporation	Midwest State	1-A	Vada Penn	8181	8190	R	5-7-71
125	Shell Oil Company	Argo	10-L	Wantz Abo	620	600	A/O	5-1-71
"	"	Argo "A"	9-D	"	465	450	A/O	5-1-71
"	"	State Section 2	10-T	"	155	150	A/O	5-1-71
126	Shell Oil Company	Rinewalt	3-F	"	93	90	A/O	5-1-71
"	"	"	4-C	"	93	90	A/O	5-1-71
127	Mobil Oil Corporation	Bridges State	156-J	North Vacuum Abo	8773	8490	A	5-1-71
128	Gulf Oil Corporation	H.T.Mattern NCT-A	3-P	Penrose Skelly	2400	2400	A	5-2-71
129	Union Oil Co. of California	State A-36	1-M	Wildcat (Roosevelt)			Testing Allowable	
130	Amerada Hess Corporation	State "V"	2-B	Monument (G-SA)	2408	2400	R	5-10-71
131	Texas Pacific Oil Company, Inc.	State "AF"	1-M	Vacuum Abo Reef	308	420	A/O	5-10-71
132	Tipperary Resources Corporation	Mabel Com.	1-A	North Bagley Penn	7650	9430	R	5-10-71
133	Tenneco Oil Company	Hooper	1-H	Vada Penn	5405	6150	R	5-11-71
134	Texaco Inc.	New Mexico "BG" St.NCT-1	4-E	Saunders Permo Penn	1800	1890	R	5-10-71
135	King Resources Company	Sheridan	1-M	Vada Penn	1302	1860	A/O	5-11-71
"	"	Sheridan "A"	1-C	"	1134	1620	A/O	5-11-71
136	Sun Oil Company	New Mexico "X" State	1-B	Lower Double A Abo	1965	1950	R	5-11-71
"	"	"	2-G	"	663	690	R	5-11-71
137	Tenneco Oil Company	Allen	1-C	Bough Permo Penn	7235	7650	R	5-11-71
138	Cities Service Oil Company	State "N"	3-L	Arrowhead Grayburg	540	600	R	5-11-71
139	Texo Oil Company	Buffalo Unit	7-B	South Corbin Queen	264	360	A/O	5-10-71
"	"	"	8-H	"	176	240	A/O	5-10-71
"	"	"	10-A	"	220	300	A/O	5-10-71
"	"	"	13-G	"	88	120	A/O	5-10-71
140	Mobil Oil Corporation	Humphrey Queen Ut.	12-11-H	Langlie Mattix	775	750	R	5-1-71
"	"	"	21-M	"	465	450	R	5-1-71
"	"	"	22-N	"	3100	3000	R	5-1-71
"	"	"	25-P	"	310	300	R	5-1-71
141	Mobil Oil Corporation	Langlie Mtx. Qu. Ut.	1-L	Langlie Mattix	930	900	R	5-1-71
"	"	"	18-E	"	465	450	R	5-1-71
"	"	"	34-H	"	2325	2250	R	5-1-71
"	"	"	8-M	"	930	900	R	5-1-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

142	Continental Oil Company	SEMU Burger "B"	13-N	Warren Drinkard	310	300	A/O	5-1-71
143	Continental Oil Company	MCA Unit Battery #3	268-K	Maljamar Repress.	2418	2340	A	5-1-71
144	Oil Development Co. of Texas	SFPRR 27	2-F	Crossroads Siluro Dev.	8303	9600	R	5-12-71
145	Shell Oil Company	State "K"	3-G	Eunice (G-SA)	2238	2400	R	5-12-71
146	Shell Oil Company	Berry	3-I	Hobbs (G-SA)	2458	2400	R	5-12-71
"	"	Grimes	4-N	"	2337	2400	R	5-12-71
147	Atlantic Richfield Company	F. M. Burleson WN	1-C	Langlie Mattix	40	60	A/O	5-12-71
148	Samedan Oil Corporation	J. H. Moore "B"	1-E	Moore Devonian	5239	5400	R	5-12-71
149	Gulf Oil Corporation	Lea "FE" State	6-H	North Vacuum Abo	4216	4080	R	5-1-71
150	Delaware Apache Corporation	Blond State Com.	1-M	Vada Penn	10135	10200	R	5-10-71
151	Mark Production Company	Sunshine Royalty	1-E	Drinkard	682	660	R	5-1-71
152	Koch Exploration Company	Mary E. Wills "A" Fed.	3-A	Rhodes Yates	1705	1650	R	5-1-71
153	Shell Oil Company	State "C"	2-P	North Vacuum Abo	4340	4650	A	5-4-71
154	Baumgartner Oil Company	USA	2-B	Bluitt SA Assoc.	93	90	A	5-1-71
155	Tipperary Resources Corporation	Nellie	1-A	North Bagley Penn	6808	8760	R	5-13-71
156	Amerada Hess Corporation	W. F. Stuart	1-F	Justis Blinebry	1778	1860	R	5-13-71
157	"	State BTD	2-J	Bagley Siluro Devonian	2197	2370	R	5-13-71
158	Gulf Oil Corporation	Stuart Langlie Mtx. Ut.	116-F	Langlie Mattix	775	750	R	5-1-71
159	Texaco Inc.	J. W. Cooper	4-H	Monument (G-SA)	548	600	R	5-13-71
160	"	C. H. Weir "B"	2-A	Skaggs Glorieta	240	360	R	5-13-71
161	Gulf Oil Corporation	C. L. Hardy	3-K	Blinebry	2354	3210	A	5-10-71
162	Champlin Petroleum Company	State 8	1-A	Vada Penn	1600	1800	R	5-14-71
163	Atlantic Richfield Company	Stuart "A" WN	1-C	Langlie Mattix	18	30	A/O	5-14-71
164	Sam D. Ares	Charles Whitten	3-H	Jalmat	Cancellation			5-14-71
"	"	"	4-I	"	"			5-14-71
165	Shell Oil Company	Grimes	2-L	Hobbs (G-SA)	2384	2400	R	5-17-71
166	Amerada Hess Corporation	State BTA	1-J	Bagley Siluro Devonian	1819	2550	R	5-17-71
"	"	State BTD	3-P	"	1080	1200	R	5-17-71
"	"	State BTN	1-P	"	615	750	R	5-17-71
167	Tipperary Resources Corporation	Sunray "B" State	1-K	North Bagley Penn	7792	9600	R	5-17-71
168	John L. Cox	Fina State	1-M	"	5510	9420	R	5-17-71
169	Roger C. Hanks	Fina State	1-I	North Mescalero Cisco	3200	3360	R	5-17-71
170	Ne-O-Tex Corporation	Aztec Federal	1-C	Vada Penn	5357	8250	R	5-17-71
171	R. R. Morrison	Cities Federal	1-J	"	7960	10320	R	5-17-71
172	Roger C. Hanks	Atlantic State	1-P	Vada Penn	10690	11460	R	5-17-71
"	"	Cabot State	2-I	"	7096	6960	R	5-17-71
"	"	Fran Federal	1-H	"	9170	11460	R	5-17-71
"	"	Midwest State	1-C	"	5464	6000	R	5-17-71
173	Roger C. Hanks	Brown Federal	1-B	Vada Penn	6659	8550	R	5-17-71
"	"	Ford	1-B	"	3507	3750	R	5-17-71
174	Amerada Hess Corporation	Warren McKee Unit	111-I	Warren McKee	2876	3060	R	5-14-71
175	Gulf Oil Corporation	Jalmat Field Yates Sand Unit	129-A	Jalmat	310	300	A/O	5-1-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

176	Texaco Inc.	NE Caprock Queen Ut.	11-O	Caprock Queen	620	600	R	5-1-71
"	"	"	20-A	"	620	600	R	5-1-71
"	"	"	22-C	"	1550	1500	R	5-1-71
177	Tom L. Ingram	Foster	1-P	Gladiola Wolfcamp	750	900	A	5-7-71
178	Amerada Hess Corporation	State BT "R"	1-D	North Bagley Penn	5400	6750	A	5-8-71
179	Tom Brown Drilling Company	Lovington Trust	1-D	"	5425	5250	R	5-1-71
"	"	"	2-E	"	5425	5250	R	5-1-71
180	Texas Pacific Oil Company, Inc.	Eaton SW	11-K	Justis Tubb Drinkard	2033	3210	A	5-13-71
181	Getty Oil Company	A. B. Coates "C"	11-F	Justis Fusselman	2150	2700	R	5-17-71
182	Gulf Oil Corporation	Lea "FE" State	5-F	North Vacuum Abo	2589	2970	R	5-17-71
183	Getty Oil Company	East Eumont Unit	69-F	Eumont	868	840	R	5-1-71
"	"	"	76-L	"	186	180	R	5-1-71
"	"	"	79-P	"	527	510	R	5-1-71
184	Amerada Hess Corporation	State "M"	2-J	Monument (G-SA)	1488	1440	R	5-1-71
185	Shell Oil Company	Grimes	3-K	Hobbs (G-SA)	2344	2400	R	5-18-71
186	Tamarack Petroleum Co., Inc.	NE Pearl Queen Unit	2-N	Pearl Queen	868	840	R	5-1-71
"	"	"	3-O	"	744	720	R	5-1-71
"	"	"	6-D	"	868	840	R	5-1-71
"	"	"	7-C	"	713	690	R	5-1-71
187	"	"	11-C	"	186	180	R	5-1-71
"	"	"	13-H	"	248	240	R	5-1-71
"	"	"	15-F	"	1054	1020	R	5-1-71
"	"	"	16-E	"	620	600	R	5-1-71
"	"	"	19-K	"	2480	2400	R	5-1-71
"	"	"	21-I	"	217	210	R	5-1-71
188	Agua, Inc.	Eastcap Queen Unit	22-L	"	248	240	R	5-1-71
"	"	"	15-F	Caprock Queen	620	600	R	5-1-71
"	"	"	17-N	"	1240	1200	R	5-1-71
189	Millard Deck	"	28-L	"	1240	1200	R	5-1-71
"	"	Clower State	34-N	"	1550	1500	R	5-1-71
190	Natural Resources Group, Inc.	Shell State	1-I	Langlie Mattix	2480	2400	R	5-1-71
191	Amoco Production Company	Anna Federal	1-K	"	341	330	R	5-1-71
192	Belco Petroleum Corporation	Spradley Federal	1-D	Wantz Abo	429	990	A/O	5-19-71
193	Superior Oil Company	Midwest State	1-O	Todd Lower San Andres	1121	1200	R	5-18-71
194	Atlantic Richfield Co.	Government "E"	1-A	Vada Penn	9208	10560	R	5-19-71
"	"	J. R. Cone "A"	1-N	Lea Bone Springs	4334	4740	R	5-19-71
"	"	J. R. Cone "B"	1-M	Drinkard	119	150	R	5-19-71
195	"	Sarkeys	2-O	"	447	450	R	5-19-71
"	"	"	3-I	"	378	540	R	5-19-71
"	"	W. H. Turner	4-P	"	494	600	R	5-19-71
196	Getty Oil Company	A. M. York "B"	3-K	"	691	930	R	5-19-71
		A. B. Coates "C"	2-A	"	472	840	R	5-19-71
			20-A	Justis Ellenburger	6630	7200	R	5-19-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

197	Getty Oil Company	A. B. Coates "C"	12-K	Justis Tubb Drinkard	512	600	R	5-19-71
198	Getty Oil Company	State "P"	4-N	Lovington Abo	1190	1500	R	5-19-71
199	Gulf Oil Corporation	Heasley State	8-A	Oil Center Blinebry	247	570	A/O	5-19-71
200	Union Oil Co. of California	Federal 17-A	2-P	Bluitt SA Assoc.	3520	4800	A	5-10-71
201	Mobil Oil Corporation	Bridges State	159-P	North Vacuum Abo	5918	8070	A	5-10-71
202	Tipperary Resources Corporation	Andover Federal	1-P	North Bagley Penn	2805	3150	R	5-19-71
"	"	Clark State	1-D	"	2885	3750	R	5-19-71
"	"	Eva Com.	1-J	"	3145	4350	R	5-19-71
203	"	Kelsay	1-M	"	1928	2040	R	5-19-71
"	"	Lulu	1-N	"	2174	2400	R	5-19-71
"	"	Rose	1-C	"	3390	4500	R	5-19-71
204	"	Sohio State	1-P	"	970	1200	R	5-19-71
"	"	Sohio "A" State	1-O	"	992	1500	R	5-19-71
"	"	Sohio "B"	1-P	"	1835	1950	R	5-19-71
205	"	State NBF	1-F	"	1096	1200	R	5-19-71
"	"	Sue	1-M	"	4006	4800	R	5-19-71
206	Atlantic Richfield Company	Selby Maveety	1-N	Monument (G-SA)	12	30	A/O	5-20-71
207	Shell Oil Company	Coll	2-L	Terry Blinebry	253	300	R	5-20-71
208	Chevron Oil Company	State 4-27	4-L	Vacuum (G-SA)	2423	2400	R	5-20-71
209	Atlantic Richfield Company	State "EJ"	1-E	Vada Penn	1692	1950	R	5-20-71
210	Amerada Hess Corporation	Warren McKee Unit	501-O	Warren McKee	1643	1590	R	5-1-71
211	Amoco Production Company	State "AJ"	6-M	Justis Blinebry	318	510	R	5-20-71
212	Cities Service Oil Company	State "AE"	1-M	Lovington Abo	3820	4800	R	5-20-71
"	"	"	2Y-L	"	4734	5280	R	5-20-71
213	Man & Hill	LaMunyon Federal	2-D	Langlie Mattix	22	60	A/O	5-21-71
"	"	"	4-H	"	11	30	A/O	5-21-71
214	John H. Hill	LaMunyon "A" Federal	1-C	"	44	120	A/O	5-21-71
"	"	"	2-F	"	33	90	A/O	5-21-71
"	"	LaMunyon "B" Federal	1-K	"	22	60	A/O	5-21-71
"	"	"	2-J	"	33	90	A/O	5-21-71
215	John H. Hill	LaMunyon "C" Federal	1-B	"	33	90	A/O	5-21-71
"	"	"	2-A	"	44	120	A/O	5-21-71
"	"	La Cruces Federal	1-N	"	77	210	A/O	5-21-71
"	"	La Cruces "A" Federal	1-G	"	33	90	A/O	5-21-71
216	M & W Operating Company	Hayes Federal	3-N	Allison Penn (Roose.)	297	810	A/O	5-21-71
217	Phillips Petroleum Company	Culp	1-D	Monument (G-SA)	1273	1410	R	5-24-71
218	Midwest Oil Corporation	Lucile Rives	1-N	Vada Penn	1360	1650	R	5-24-71
219	Tipperary Resources Corporation	Allen	1-F	Wildcat (Lea)	2366	5460	A	5-19-71
220	Continental Oil Company	MCA Unit Battery #1	281-D	Maljamar Repress.	7110	7110	A	5-2-71
221	Stoltz, Wagner & Brown	King	1-K	Vada Penn	11842	11460	R	5-1-71
222	Campbell & Redrick	Shell State	1-M	South Eunice (SA)	163	390	R	5-25-71
223	R. R. Morrison	Atlantic "A" State Com.	1-A	Vada Penn	70	300	A/O	5-25-71
224	Charles E. Seed	Seed Section 30 State	1-K	Undesignated (Lea)	8	30	A/O	5-24-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

224	Charles E. Seed	Seed Section 30 State	2-K	Undesignated (Lea)	8	30	A/O	5-24-71
"	"	"	3-K	"	8	30	A/O	5-24-71
"	"	"	4-K	"	8	30	A/O	5-24-71
225	"	"	5-K	"	8	30	A/O	5-24-71
"	"	"	6-K	"	8	30	A/O	5-24-71
"	"	"	7-K	"	8	30	A/O	5-24-71
"	"	"	8-K	"	8	30	A/O	5-24-71
226	Skelly Oil Company	W.Dollarhide Dr. Unit	9-K	"	8	30	A/O	5-24-71
"	"	"	21-E	Dollarhide Tubb Drinkard	1034	1020	R	5-1-71
"	"	"	56-E	"	2139	2070	R	5-1-71
227	Anadarko Production Company	N.Caprock Qu.Ut.#2 Tr. 5	62-K	"	1829	1770	R	5-1-71
"	"	" Tr. 10	1-G	Caprock Queen (Chaves)	341	330	R	5-1-71
"	"	" Tr. 12	1-M	"	372	360	R	5-1-71
"	"	" Tr. 16	1-O	"	434	420	R	5-1-71
"	"	" Tr. 17	2-E	"	372	360	R	5-1-71
228	"	" Tr. 19	1-G	"	527	510	R	5-1-71
"	"	" Tr. 19	1-E	"	527	510	R	5-1-71
"	"	" Tr. 24	3-M	"	372	360	R	5-1-71
"	"	" Tr. 26	1-M	"	372	360	R	5-1-71
"	"	" Tr. 27	3-G	"	217	210	R	5-1-71
229	Anadarko Production Company	" Tr. 27	4-O	"	248	240	R	5-1-71
230	Texaco Inc.	G.L.Erwin "A" Federal	5-M	"	279	270	R	5-1-71
231	Texaco Inc.	N.M. "G" State	1-N	Justis Blinebry	1618	2820	R	5-25-71
232	Amoco Production Company	Myers "B" Fed. R/A A	2-M	Monument (G-SA)	1424	2400	R	5-25-71
233	BTA Oil Producers	Glad 7105 JV-D	12-P	Fowler Upper Yeso	1683	5610	A	5-23-71
234	Atwood, Ltd.	Taylor	1-G	SW Gladiola Devonian	2869	4530	A	5-13-71
235	"	Taylor Bty. #2	2-M	Maljamar (G-SA)	217	210	A/O	5-1-71
236	Imperial American Management Co.	Rose Lee Federal	3-N	"	465	450	A/O	5-1-71
237	MKA Oil Properties	Penrose	1-F	Drinkard	12	60	A/O	5-26-71
238	James R. Rasmussen	State "G"	1-F	Brunson Ellenburger	30	150	A/O	5-26-71
239	"	Hunt	1-U	Eunice (G-SA)	66	330	A/O	5-26-71
240	"	LaMunyon	1-N	Langlie Mattix	84	420	A/O	5-26-71
241	"	"	2-A	"	48	240	A/O	5-26-71
242	Grayhound Oilfield Services	Vada Pruitt	2-A	"	284	420	R	5-26-71
243	"	Irene Clark	1-L	Vada Penn	1612	1560	A/O	5-1-71
244	Sun Oil Company	H. S. Record	1-D	"	868	840	A/O	5-1-71
245	Continental Oil Company	East E-K Unit	2-E	Jalmat	50	300	A/O	5-27-71
246	Aztec Oil & Gas Company	Federal "MA"	5-O	East E-K Queen	2635	2550	R	5-1-71
247	Atlantic Richfield Company	Lea 886 State	1-G	South Corbin Strawn	120	720	A/O	5-27-71
248	Continental Oil Company	MCA Unit Bty. #1	2-B	Teas Yates 7 Rvs. West	139	210	R	5-27-71
249	Midwest Oil Corporation	State "C"	285-J	Maljamar Repress.	6992	11040	A	5-13-71
250	Amerada Hess Corporation	H. D. Schenck	1-K	Nonombre Lower Penn	1800	2700	A	5-12-71
			1-A	Bronco Siluro Devonian	3384	4320	R	5-28-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

251	Wolverine Oil Company	Gulf Orcutt	1-B	Eumont	536	2400	R	5-28-71
252	Shell Oil Company	State Section 2	3-U	Hare Simpson	973	1020	R	5-28-71
253	Atlantic Richfield Company	B. J. Barber	20-P	Monument Paddock	628	660	R	5-28-71
254	Roger C. Hanks	Peggy Federal	1-F	Vada Penn	5308	11460	R	5-28-71
255	Continental Oil Company	MCA Unit Battery #1	283-I	Maljamar Repress.	6160	9240	A	5-12-71
256	"	MCA Unit Battery #2	293-K	"	3672	18360	A	5-26-71
257	Gulf Oil Corporation	Lea "FE" State	7-D	North Vacuum Abo	864	4320	A	5-26-71
258	Meadco Properties, Ltd.	Shell "E" State	1-C	North Bagley Penn	4200	6000	A	5-11-71
259	William A. & Edward R. Hudson	Federal 18	2-F	West Tonto Yates 7 Rivers		2400	A/C	6-1-71
260	Amoco Production Company	Southland Royalty "A"	6-H	Blinebry	80	600	A/C	5-28-71
261	Humble Oil & Refining Company	F. F. Hardison "E"	1-H	Blinebry		2000	Testing Allowable	
262	Sun Oil Company	H. D. McKinley	2-H	Hobbs (G-SA)		1000	Testing Allowable	
263	Gulf Oil Corporation	J. A. Stuart	8-D	Justis Blinebry	186	180	R	5-1-71
264	"	"	8-D	Justis Tubb Drinkard	279	270	A/C	5-1-71
265	Bill J. Graham	U. S. Smelting	3-I	Double X Delaware		725	A/O	6-2-71
266	Atlantic Richfield Company	E. C. Adkins	1-J	Eunice (G-SA)		59	R	6-2-71
267	Continental Oil Company	State B-25	1-C	Hobbs (G-SA)		2389	R	6-2-71
268	Sun Oil Company	H. D. McKinley	2-H	"		2351	R	6-2-71
269	George L. Buckles Company	Jamison	1-H	Langlie Mattix		420	R	6-1-71
"	"	"	3-A	"		210	R	6-1-71
270	Tenneco Oil Company	S. E. Anderson	1-I	Vada Penn		4280	R	6-3-71
271	Atlantic Richfield Company	State M "DE"	1-O	Vacuum (G-SA)		1186	R	6-3-71
272	"	State "EJ"	1-E	Vada Penn		2706	R	6-3-71
273	Penrose Production Company	State	1-D	Arrowhead Grayburg		732	R	6-3-71
274	Charles B. Gillespie, Jr.	State "F"	3-P	Saunders Permo Penn		918	R	6-3-71
"	"	"	4-J	"		464	R	6-3-71
"	"	State "I"	1-N	"		318	R	6-3-71
275	BTA Oil Producers	Meta 7101 JV-D	1-J	Vada Penn		5730	A	6-1-71
276	Gulf Oil Corporation	Eunice King	26-H	Paddock		450	A	6-1-71
277	Atlantic Richfield Company	State L-DE	1-B	Vacuum (G-SA)		144	R	6-4-71
278	Texas Pacific Oil Company, Inc.	L. E. Elliott State	1-P	Eumont		234	R	6-4-71
279	Sunset International Pet. Corp.	Fowler Hair	1-E	Langlie Mattix		81	A/C	6-4-71
"	"	"	3-5-D	"		243	A/O	6-4-71
280	"	M. A. Hair	1-E	"		135	A/O	6-4-71
281	"	Perry Federal	1-P	Lynch Yates 7 Rvs. Queen		378	A/O	6-4-71
282	Superior Oil Company	Government "C" Com.	1-G	Vada Penn		10290	A	6-1-71
283	Atlantic Richfield Company	State F "DE"	3-K	Eumont		144	R	6-7-71
284	Read & Stevens, Inc.	Shell State	2-H	North Bagley Penn		2100	R	6-1-71
"	"	"	3-C	"		6480	R	6-1-71
285	"	State "E"	1-N	"		3480	R	6-1-71
286	Burleson & Huff	Gutman	1-I	Langlie Mattix		345	A/O	6-8-71
287	Texas Pacific Oil Company, Inc.	State "A" A/c-3	5-G	"		92	A/O	6-8-71
288	Delaware Apache Corporation	Blond State Com.	1-M	Vada Penn		11166	R	6-8-71

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

289	Superior Oil Company	Government "C" Com.	1-G	Vada Penn	11187	R	6-8-71
290	Texas Pacific Oil Company, Inc.	Eaton S. W.	11-K	Justis Blinebry	1000	Testing Allowable	
291	Continental Oil Company	MCA Unit Battery #4	273-L	Maljamar Repress.	4980	R	6-1-71
292	Atlantic Richfield Company	State 197	1-P	Vacuum (G-SA)	82	R	6-9-71
"	"	State C "TG"	1-I	"	516	R	6-9-71
"	"	"	5-O	"	224	R	6-9-71
"	"	"	7-N	"	262	R	6-9-71
293	Atlantic Richfield Company	State Lea 4011	1-N	Mid Vacuum Devonian	2166	R	6-9-71
294	"	State Lea 403	3-N	South Vacuum Devonian	1310	R	6-9-71
295	"	State B-1578	3-F	Vacuum Glorieta	2144	R	6-9-71
296	Elliott Oil Company	E. M. Elliott	6-G	Wantz Abo	220	A/O	6-9-71
"	"	Parcell Federal	4-J	"	352	A/O	6-9-71
"	"	Wylie Federal	4-D	"	44	A/O	6-9-71
297	Texaco Inc.	New Mexico C DD&B St.	4-B	Hobbs (G-SA)	1306	R	6-9-71
298	Newmont Oil Company	Young Unit	4-B	Young Queen	2700	R	6-1-71
"	"	"	14-B	"	600	R	6-1-71
"	"	"	16-E	"	1050	R	6-1-71
"	"	"	22-K	"	2400	R	6-1-71
"	"	"	24-N	"	600	R	6-1-71
299	Newmont Oil Company	Young Unit	26-P	Young Queen	1200	R	6-1-71
300	Tipperary Resources Corporation	Gail	1-L	North Bagley Penn	5130	R	6-10-71
301	Mobil Oil Corporation	Bridges State	160-B	North Vacuum Abo	3780	A	6-1-71
302	Tenneco Oil Company	Ginsberg Federal	9-D	Justis Fusselman	210	R	6-1-71
"	"	"	11-E	"	540	R	6-1-71
303	Pearson Sibert Oil Company	C. H. Mattix	1-A	Langlie Mattix	60	A/O	6-1-71
"	"	Fowler Hair	1-D	"	120	A/O	6-1-71
304	Amoco Production Company	South Mattix Unit Fed.	12-P	Fowler Upper Yeso	4060	R	6-11-71
305	Texaco Inc.	N. M. "H" State NCT-1	4-J	Eunice (G-SA)	207	R	6-10-71
"	"	"	5-I	"	282	R	6-10-71
306	Shell Oil Company	State "VH"	2-J	North Vacuum Abo	9932	A	6-5-71
307	Texaco Inc.	Skaggs Grayburg Unit	6-N	Skaggs Grayburg	1020	R	6-1-71
308	B. M. Jackson	Federal	1-G	Pearsall Queen	1260	A/O	6-11-71
309	Continental Oil Company	Hawk B-1	9-M	Blinebry	68	A/O	6-14-71
310	Amoco Production Company	State "A"	19-N	Hobbs (G-SA)	1188	R	6-15-71
311	Charles B. Gillespie, Jr.	State "I"	1-N	Saunders Permo Penn	2606	R	6-15-71
312	"	State "B"	3-I	Townsend Wolfcamp	192	A/O	6-15-71

DISTRICT 1 PRORATION SCHEDULE, JULY AND AUGUST, 1971

COMPANY / LEASE	WELL	UNIT	S.T.R.	JULY & AUGUST DAILY	GOR
*	EFFECTIVE GAS-OIL RATIO				
**	NON-EFFECTIVE GAS-OIL RATIO				
()	AMOUNT OF PRODUCTION OF LATEST GAS-OIL RATIO TEST				
ALLISON ABO					
Top Allowable 210		No GOR Limit			
GULF OIL CORP.					
Mills Fed.(3)	1	C	11-9-36	3	
ALLISON PENN					
(80 Acre Spacing)					
Top Allowable 334		No GOR Limit			
BLACKROCK OIL CO.					
Mobil Atlantic Federal					
" (66)	1	D	10-9-36	66	
" (116)	2	B	"	116	
" (108)	3	P	3-9-36	108	
TOTAL	3			290	
DECK OIL CO.					
Shearn Fed.	1	P	13-8-36	No C-116	
FASKEN, DAVID					
Federal A(6)	1	L	34-8-37	6	
K.Dav.Fed.	3	L	27-8-37	Gas Well	
FLR COMPANY					
Atlantic Fed.	1	N	28-8-37	No C-116	
GULF OIL CORP.					
Mills Fed.(30)	1	C	11-9-36	30	
" (26)	2	D	"	26	
TOTAL	2			56	
HANKS, ROGER C.					
Marco Fed.(17)	1	P	12-9-36	17	
MARATHON OIL CO.					
K.Davis Fed.	3	H	28-8-37	No C-116	
H.L.Hayes et al					
" (4)	4	N	29-8-37	4	
McGra.Fed.(5)	5	N	20-8-38	5	
State BPA(104)	1	D	32-8-37	104	
TOTAL	3			113	
M & W OPERATING COMPANY					
Hayes Fed.(27)	3	N	30-8-37	27	
MOBIL OIL CORP.					
Cox Fed.(27)	1	M	1-9-36	27	
Santa Fe I(18)	1	H	15-9-36	18	
TOTAL	2			45	
NEARBURG, EUGENE E.					
Anderson(61)	5	J	31-8-37	61	
" (70)	6	B	"	70	
TOTAL	2			131	
O'NEILL, JOSEPH I., JR.					
Federal K(75)	1	D	34-8-37	75	
SKELLY OIL CO.					
Las Cru.B(123)	1	D	30-8-37	123	
"	3	H	"	Gas Well	
" (69)	4	F	"	69	
TOTAL	2			192	
SUN OIL CO.					
Mills (14)	1	L	11-9-36	14	
TENNECO OIL CO.					
Merrill(100)	1	H	10-9-36	100	
" (361)	2	E	"	334	
TOTAL	2			434	
WRIGHT, GENE, INC.					
Hayes Fed.	1	N	19-8-37	Gas Well	
YATES DRILLING CO.					
L.M.Yates(22)	1	N	31-8-37	22	
" (12)	3	F	"	12	
LMY	1	D	33-8-37	Gas Well	
"	2	F	"	"	
TOTAL	2			34	
POOL TOTAL	23			1434	
ANDERSON RANCH DEVONIAN					
Top Allowable 560		No GOR Limit			
CONTINENTAL OIL COMPANY					
A.R.Unit(95)	1	G	11-16-32	95	
" (50)	14	Q	2-16-32	50	
"	7	W	2-16-32	Gas Well	
TOTAL	2			145	
GULF OIL CORP.					
Lea CL State NCT-A					
" (33)	1	G	2-16-32	33	
POOL TOTAL	3			178	
ANDERSON RANCH WOLFCAMP					
Top Allowable 264		No GOR Limit			
CONTINENTAL OIL CO.					
A.R.Unit(338)	2	C	11-16-32	264	
" (26)	3	A	"	20	
" (15)	4	B	"	9	
" (27)	6	X	2-16-32	15	
" (245)	12	V	"	100	
" (33)	13	K	11-16-32	17	
" (42)	17	R	2-16-32	30	
TOTAL	7			455	
GULF OIL CORP.					
Lea CR State NCT-A					
" (32)	1	P	2-16-32	10	
" (13)	4	K	"	9	
TOTAL	2			19	
PETROLEUM CORP. OF TEXAS					
Emerald Unit(20)	1	C	23-16-32	10	
PHILLIPS PETROLEUM CO.					
Aggie A(36)	1	Q	3-16-32	36	
POOL TOTAL	11			520	
ANDERSON RANCH WOLFCAMP NORTH					
(80 Acre Spacing)					
Top Allowable 334		GOR Limit 2,000			
GULF OIL CORP.					
Eddy Lea State NCT-A					
" (19)	1	F	2-16-32	19	1895
Lea R State NCT-A					
" (64)	1	A	2-16-32	64	1672
Acreage 90					
" (9)	2	D	1-16-32	9	1333
Acreage 101					
TOTAL	3			92	
MOBIL OIL CORP.					
N.M.St. S	1	B	2-16-32	No C-116	
Acreage 50					

ANDERSON RANCH WOLFCAMP NORTH CONTINUED

THOMPSON, J. PETE						
Sinc.St.		1	M	27-15-32	No G-116	
UNION OIL CO. OF CALIFORNIA						
North Anderson Ranch Unit						
"	(60)	1	E	33-15-32	60	**3267
"	(4)	2	C	"	4	**11000
"	(30)	3	F	"	30	1600
State A	(86)	1	M	33-15-32	86	**2540
"	(8)	2	I	28-15-32	8	**29125
TOTAL		5			188	
POOL TOTAL		8			280	

ARKANSAS JUNCTION SAN ANDRES

Top Allowable 70 No GOR Limit

AZTEC OIL & GAS CO.						
Amerada St.	(21)	1	C	12-18-36	16	
Catron St.	(8)	1	B	"	5	
Gulf St.	(34)	1	J	"	30	
Lea OR St.	(22)	1	K	"	15	
"	(16)	2	O	"	12	
"	(20)	3	P	"	10	
State AJ	(16)	1	M	1-18-36	10	
"	(25)	2	N	"	5	
State NG	(20)	1	G	24-18-34	5	
POOL TOTAL		9			108	

ARROWHEAD DRINKARD

Top Allowable 124 No GOR Limit

GULF OIL CORP.						
H.Leon.C	(23)	10	N	36-21-36	20	

ARROWHEAD GRAYBURG

Top Allowable 70 GOR Limit 3,500

AMERADA DIVISION-AMERADA HESS CORP.						
State PA	(13)	1	K	18-22-37	13	**11792
"	(95)	2	N	"	70	116
TOTAL		2			83	
ATLANTIC RICHFIELD CO.						
J.M.Brownlee	(1)	2	M	25-21-36	1	**9000
"	(1)	3	L	"	1	2000
State 157-D	(9)	1	L	12-22-36	9	444
"	(1)	4	F	"	1	**5000
St.D-DE	(8)	1	O	36-21-36	8	**13375
TOTAL		5			20	
CITIES SERVICE OIL CO.						
State M	(82)	1	M	36-21-36	70	2150
"	(1)	2	L	"	1	**95000
State N	(1)	2	K	2-22-36	1	**45000
"	(20)	3	L	"	20	**8200
"	(1)	4	M	"	1	**31000
TOTAL		5			93	
CONTINENTAL OIL CO.						
L'ht.B-1	(26)	1	E	1-22-36	26	430
"	(4)	2	F	"	4	3250
"	(4)	3	J	"	4	3250
"	(6)	4	G	"	6	1333
"	(6)	5	O	"	6	1833
State J-2	(6)	1	B	2-22-36	6	TSTM
"	(6)	2	I	"	6	3167
"	(13)	3	H	"	13	1550
"	(16)	5	P	"	16	875
"	(3)	6	O	"	3	**4000
"	(11)	8	F	"	11	1818
"	(50)	11	C	"	50	520
TOTAL		12			151	
GULF OIL CORP.						
A. L. Christmas NCT-C						
"	(3)	6	M	18-22-37	3	667
GULF OIL CORP. CONT'D						
A. L. Christmas NCT-C						
"	(3)	8	A	18-22-37	3	2000
H.Leonard NCT-C						
"	(24)	1	N	36-21-37	24	3333
"	(43)	2	K	"	43	512
"	(10)	3	E	"	10	600
"	(32)	4	D	"	32	2844
"	(12)	5	C	"	12	**9000
"	(15)	6	F	"	15	333
"	(3)	8	H	"	3	**20000
H. T. Mattern NCT-D						
"	(17)	4	D	7-22-37	17	**4529
" NCT-E	(7)	1	L	1-22-36	5	571
"	(21)	2	K	"	21	2286
"	(11)	3	D	12-22-36	11	2000
"	(4)	4	M	1-22-36	4	500
"	(4)	6	F	12-22-36	4	500
"	(12)	7	G	"	12	583
"	(19)	9	C	"	19	2000
"	(15)	12	A	"	15	800
" NCT-F	(13)	1	B	1-22-36	13	**7308
W. A. Ramsay NCT-A						
"	(24)	4	F	35-21-36	20	1292
"	(12)	5	I	"	12	1083
"	(12)	8	J	"	12	**4167
"	(9)	11	A	"	9	**5556
"	(4)	13	B	"	4	3250
" NCT-B	(5)	1	F	25-21-36	5	**5600
TOTAL		25			328	
MARATHON OIL CO.						
McDonald State A/c-2						
"	(4)	12	B	13-22-36	4	**9377
"	(9)	13	C	"	9	**5915
"	(11)	14	D	"	11	1839
C.J.Saund.	(46)	2	D	1-22-36	46	1095
TOTAL		4			70	
PENROSE PRODUCTION CO.						
State	(25)	1	D	20-22-37	25	3268
SOHIO OIL CO.						
Mattern		6	M	7-22-37	No G-116	
TEXAS PACIFIC OIL CO., INC.						
Ell. B	(6)	1	M	6-22-37	6	**29660
State A-2	(9)	13	A	11-22-36	6	*42333
"	(8)	16	I	"	8	**8250
TOTAL		3			20	
POOL TOTAL		57			790	

AUSTIN WOLFCAMP

Top Allowable 327 No GOR Limit

CABOT CORP.						
Austin St.	(20)	1	F	19-14-36	20	

BAGLEY PENN

Top Allowable 264 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.						
J.T.Caudle	(8)	1	H	10-12-33	8	**8625
"	(1)	3	A	"	1	**13000
"	(94)	6	K	3-12-33	94	1351
"		7	C	10-12-33	Gas Well	
W.E.Mathers A						
"	(25)	1	B	3-12-33	25	**2600
"	(33)	2	F	"	33	1575
W.E.Mathers						
"	(11)	1	H	"	11	**2909
"	(21)	3	J	"	21	1523
State BTG	(8)	5	K	35-11-33	8	**2045
State BTP	(25)	1	E	34-11-33	25	1920
State BTK	(24)	1	N	"	24	1583
TOTAL		10			250	

BOREN, SAM
Crowley A State
" (37) 1 L 5-12-33 37 **12735

MEADCO PROPERTIES, LTD.
Bagley St.(110) 1 D 34-11-33 90 1445

READ & STEVENS, INC.
Natural(11) 1 B 15-12-33 11 **3545

TEXAS PACIFIC OIL CO., INC.
St.C A/c-1(102) 4M 2-12-33 102 931
St.B A/c-1(187) 3 I " 187 962

TOTAL 2 289

POOL TOTAL 15 677

EAST BAGLEY PENN
Top Allowable 264 GOR Limit 2,000
BOREN, SAM
Boren, Barbera A State
" (44) 1 P 6-12-34 7 527

SONITT PETROLEUM CORP.
Pan Am.St. 1 L 5-12-34 No C-115

NORTH BAGLEY PENN
(80 Acre Spacing)
Top Allowable 397 GOR Limit 2,000
AMERADA DIVISION-AMERADA HESS CORP.
W. E. Mathers B
" (174) 1 F 33-11-33 160 1902
Mathers State Com.
" (150) 1 D " 130 1238
State BTM(97) 2 H " 90 1907
State BTR 1 D 10-12-33 225

TOTAL 4 605

AMOCO PROD. CO.
State DC(270) 1 P 16-11-33 80 1574
State DG(222) 1 F " 80 482
State DH(215) 1 I 21-11-33 116 **3633
" (138) 2 P " 84 **4000
State DK(396) 1 A 17-11-33 266 1525
" (315) 2 C " 184 1263

TOTAL 6 810

ANDERSON PROD. CORP.
Amerada St.(177) 1 E 33-11-33 150 1321
Mathers(222) 1 J " 222 1240
St. BTQ(119) 1 P " 119 1275

TOTAL 3 491

BELL PETROLEUM CO.
State K(145) 1 K 21-11-33 100 **2586
" (170) 2 L " 100 1912

TOTAL 2 200

BOREN, SAM
Blakeney State
" (120) 1 C 31-11-33 100 351
Champlin State
" (225) 1 P 8-11-33 100 1462
Collier(121) 1 D 9-11-33 100 593
Gulf Sohio State
" (164) 1 H 8-11-33 125 1121
Graham St.(92) 1 K " 80 663
" B St.(111) 1 A 30-11-33 100 685
" (130) 2 H " 100 732
" (123) 3 I " 100 737
" (137) 4 P " 100 682
Graham C State
" (182) 1 E 17-11-33 120 **2231
Mathers A(110) 1 C 30-11-33 80 438

BOREN, SAM CONT'D
Mathers B(132) 1 F 30-11-33 90 804
Mathers C(128) 1 K " 90 594
Mathers D(130) 1 N " 95 1227
Shea Climenko
" (189) 1 N 8-11-33 150 425

TOTAL 15 1530

BROWN, TOM DRILLING CO.
Lovington Trust
" (346) 1 D 28-11-33 175 1310
" (372) 2 E " 175 1178
Warren 27 State
" (49) 1 L 27-11-33 30 1723
Warren 28 State
" (266) 1 A 28-11-33 200 **2480

TOTAL 4 580

BTA OIL PRODUCERS
Bagley (36) 1 A 9-11-33 30 1362
LCH 689 Ltd.
" (74) 1 F 31-11-33 55 444
Myrtle 689 Ltd.
" (81) 1 I " 81 720

TOTAL 3 166

CABOT CORP.
M.E.Dallas(28) 1 P 15-11-33 28 1275
N.M.M St.(20) 1 B 22-11-33 10 1805
J.R.Thomp.(5) 1 L 23-11-33 3 1840

TOTAL 3 41

COX, JOHN L.
Federal(228) 1 K 3-11-33 100 1390
Acreage factor .612
Fina St.(314) 1 M 2-11-33 314 1191
State C (86) 2 E 11-11-33 75 1678

TOTAL 3 489

DeCLEVA, PAUL
Humble St.(137) 1 M 9-11-33 65 577

FASKEN, DAVID
Fel.Collier(73) 1 H 9-11-33 60 1535

FELMONT OIL CORP.
Hissom St.(172) 1 F 15-11-33 130 **2310
State F (80) 1 K 10-11-33 50 1513

TOTAL 2 180

GILLESPIE, CHARLES B., JR.
State A(124) 1 N 3-11-33 124 1780
" (168) 2 M " 168 1970
Acreage factor 1.113

TOTAL 2 292

GULF OIL CORP.
Lea HP St.(100) 1 B 15-11-33 75 1613
Lea OE State Com.
" (30) 1 O 9-11-33 30 **3767
Lea OG St.(60) 1 K " 60 527

TOTAL 3 165

MAJOR, GIEBEL & FORSTER
Amerada Fed.(351) 1M 3-12-33 340 1970
Champlin St.(87) 1 F 8-11-33 83 600
Gulf So.St.(156) 1 G " 110 1400
Huber (472) 1 A 9-12-33 397 1820
" (460) 2 B " 397 1478
Huber A(261) 1 C " 261 1820

TOTAL 6 1588

MEADCO PROPERTIES, LTD.
Amerada St.(215) 1 I 29-11-33 85 1148

MEADCO PROPERTIES, LTD. CONT'D					
Cabot St.(146)	1	H	15-11-33	75	1253
" A St. (20)	1	L	14-11-33	20	1550
" B St.(150)	1	D	"	65	593
" C St.(135)	1	E	"	45	400
Gulf St.(150)	1	O	27-11-33	55	1333
Dallas (223)	1	J	15-11-33	160	887
Shell State Com.					
" (325)	1	G	5-12-33	250	692
Shell AX State					
" (144)	1	L	4-12-33	50	381
Shell B State Com.					
" (200)	1	A	5-12-33	65	800
Shell C State					
" (250)	1	I	4-12-33	185	1140
Shell D State					
" (297)	1	I	5-12-33	297	1350
Shell E St.	1	C	5-12-33	200	
Shell F State					
" (150)	1	O	5-12-33	150	1250
Shell G State					
" (499)	1	N	4-12-33	397	1500
Shell H State					
" (136)	1	A	8-12-33	136	1450
Warren American St. Com.					
"	1	M	27-11-33	397	
TOTAL	17			2632	
NATIONAL REFINERY COOP. ASSOC.					
Bagley St.(347)	1	H	16-11-33	140	1452
" (74)	2	B	"	50	1241
" (172)	3	C	"	135	1410
TOTAL	3			325	
READ & STEVENS, INC.					
Shell St.(80)	1	A	18-11-33	80	700
" (70)	2	H	"	70	871
" (216)	3	C	"	216	1041
" (30)	4	F	"	30	400
State E(116)	1	N	7-11-33	116	439
Sun.St.(60)	1	P	"	60	44
TOTAL	6			572	
SOUTHLAND ROYALTY CO.					
Graham St.(106)	1	O	3-11-33	90	1075
Acreage factor 1.117					
" (130)	2	P	"	90	1315
TOTAL	2			180	
STOLTZ, WAGNER & BROWN					
Ann (345)	1	H	19-11-33	150	879
Brenda (335)	1	I	"	150	852
Christie(320)	1	A	"	125	1096
Doris (70)	1	O	18-11-33	45	399
Edna (60)	1	L	32-11-33	55	486
Huff Com.(225)	1	I	"	150	1399
Wanda (200)	1	J	"	100	1305
Yolanda(201)	1	K	"	150	1681
Zelda (370)	1	P	19-11-33	160	1104
TOTAL	9			1085	
SUNSET INTERNATIONAL PETROLEUM CORP.					
T.P.A St.(27)	1	J	10-11-33	20	**2000
" (11)	2	O	"	9	**2000
TOTAL	2			29	
TEXACO INC.					
F.B.Gist(245)	1	A	31-11-33	185	1660
" (94)	2	H	"	80	403
TOTAL	2			265	
TEXAS PACIFIC OIL CO., INC.					
J.P.Collier(50)	1	F	10-11-33	50	TSTM
" (77)	2	B	"	65	38
TEXAS PACIFIC OIL CO., INC. CONT'D					
J.P.Collier(65)	4Y	C	10-11-33	35	**5553
Mathers(225)	1	L	33-11-33	200	1492
" (135)	2	N	"	120	1275
State AK(108)	1	N	10-11-33	108	305
" C A/c-2(35)	1	A	4-12-33	35	**3714
" (389)	2	H	"	389	1259
State AO(273)	1	C	"	200	1410
" (152)	2	F	"	152	1644
TOTAL	10			1354	
TIPPERARY RESOURCES CORP.					
Amerada Com.					
" (121)	1	J	28-11-33	95	**3149
Andover Federal					
" (105)	1	P	17-11-33	105	1352
Audrey (223)	1	P	20-11-33	135	**3314
Bell (374)	1	H	21-11-33	175	1545
" (411)	3	A	"	126	1472
Bell A (292)	1	C	"	150	1322
Bell B (177)	1	E	"	98	1983
Bess (237)	1	B	20-11-33	135	1540
Champlin(157)	1	I	8-11-33	115	**3134
Chaney Fed.(170)	1	L	17-11-33	170	1164
Christensen State					
" (151)	1	L	16-11-33	140	1854
Clark St.(125)	1	D	27-11-33	125	**3928
Collier(181)	1	F	9-11-33	140	934
Dolly (287)	1	J	17-11-33	205	**2523
Enfield(417)	1	I	16-11-33	255	976
Eva Com.(145)	1	J	20-11-33	145	1262
Frances(186)	1	C	29-11-33	145	1548
Gail (210)	1	L	28-11-33	210	1652
Gulf St.(67)	1	D	22-11-33	65	1716
Guye (18)	1	H	"	13	1615
Helen (503)	1	N	17-11-33	397	1459
Hiss.A St.(73)	1	I	9-11-33	40	**3630
Humble B(167)	1	E	27-11-33	70	**3257
Iva Com.(172)	1	H	20-11-33	95	1599
Julie (311)	1	O	29-11-33	140	**2434
Kay (231)	1	F	20-11-33	100	**2991
Kelsay (68)	1	M	28-11-33	68	**2015
Leigh Com.(299)	1	N	20-11-33	182	**2445
Lulu (80)	1	N	4-11-33	80	425
Mable Com.(315)	1	A	29-11-33	315	1549
Nellie (292)	1	A	32-11-33	292	1650
Opal (217)	1	D	20-11-33	151	1392
Queen Com.(385)	1	L	"	163	842
Rose (150)	1	C	32-11-33	150	780
Shell State Com.					
" (453)	1	H	17-11-33	277	777
Sinc.St.(79)	1	K	22-11-33	54	1481
" (98)	2	L	"	55	**2918
Sinc.A St.(83)	1	O	"	55	**3458
Sohio St.(40)	1	P	4-11-33	40	1425
Acreage factor 1.113					
Sohio A St.(50)	1	O	"	50	180
Acreage factor 1.113					
Sohio B(65)	1	P	5-11-33	65	492
State AS(221)	1	G	29-11-33	134	1769
State NBF(40)	1	F	22-11-33	40	**2100
State NBN(91)	1	N	16-11-33	85	890
Sue (160)	1	M	29-11-33	160	1143
Sunray B State					
" (320)	1	K	"	320	1400
Tilly (121)	1	P	18-11-33	80	934
Una (226)	1	G	32-11-33	135	**2531
Peggy Com.(139)	1	E	29-11-33	118	1295
Vera (236)	1	E	32-11-33	197	**3125
Warren State					
" (185)	1	G	28-11-33	185	**2897
" A St.(204)	1	I	"	125	**3652
TOTAL	52			7165	

NORTH BAGLEY PENN CONTINUED

TROBAUGH, ALLEN K.
Dallas (98) 1 M 15-11-33 45 1612
" (61) 2 L " 36 1835
FSC Com.(189) 1 D " 72 1995

TOTAL 3 153

POOL TOTAL 164 21022

BAGLEY UPPER PENN GAS
Top Allowable 210 GOR Limit 2,000
AMERADA DIVISION-AMERADA HESS CORP.
Mathers B(2) 1 F 33-11-33 1 **28624

BAGLEY SILURO DEVONIAN
(80 Acre Spacing)
Top Allowable 397 No GOR Limit
AMERADA DIVISION-AMERADA HESS CORP.
State BTA(85) 1 J 2-12-33 85
State BTC(149) 1 N 35-11-33 28
" (298) 3 L " 215
St.BTD Com.(83) 1N 2-12-33 83
St.BTD (79) 2 J 35-11-33 79
" (40) 3 P " 40
State BTI(235) 1 D 2-12-33 175
Acreage factor .988
State BTL Com.
" (61) 1 P " 35
State BTN(25) 1 P 34-11-33 25

TOTAL 9 765
TEXAS PACIFIC OIL CO., INC.
State B-1(293) 1 H 2-12-33 257
" (31) 2 B 11-12-33 31
State C-1(473) 1 B 2-12-33 397
" (419) 2 F " 237
" (74) 3 L " 74

TOTAL 5 996

POOL TOTAL 14 1761

BAGLEY WOLFCAMP
Top Allowable 210 GOR Limit 2,000
BOREN, SAM
Andover Fed. 1 N 19-11-33 No C-116

BAGLEY WOLFCAMP NORTH
Top Allowable 210 No GOR Limit
CABOT CORP.
Hum.St. (3) 1 D 23-11-33 2
N.M. L St.(62) 1 E " 25

TOTAL 2 27
MEADCO PROPERTIES, LTD.
Thompson(21) 1 M 23-11-33 9

PENNZOIL UNITED, INC.
Cabot St.(28) 1 I 14-11-33 23

POOL TOTAL 4 59

BAGLEY WOLFCAMP NORTHEAST
(80 Acre Spacing)
Top Allowable 280 No GOR Limit
COX, JOHN L.
State C 1 C 11-11-33 No C-116
No C-115

SUNSET INTERNATIONAL PETROLEUM CORP.
T.P.State(29) 1 L 11-11-33 15

BAISH WOLFCAMP
(80 Acre Spacing)
Top Allowable 334 No GOR Limit
CONTINENTAL OIL CO.
Baish A (52) 12 A 21-17-32 43
CONTINENTAL OIL CO. CONT'D
Baish A(95) 13 E 22-17-32 32
Baish B(46) 1 C " 30
Hudson (27) 1 M 15-17-32 20

POOL TOTAL 4 125

BAISH YATES
Top Allowable 70 No GOR Limit
CONTINENTAL OIL CO.
Baish A 3 H 21-17-32 3
" 4 G " 3
" (27) 5 K " 9
" 6 J " S.I.
" (5) 7 I " 2

POOL TOTAL 4 17

NORTH BAISH WOLFCAMP
Top Allowable 327 No GOR Limit
CLINTON OIL CO.
Iles Fed.(35) 1 N 10-17-32 13

BAR U PENN
(160 Acre Spacing)
Top Allowable 334 No GOR Limit
BOREN, SAM
Lario State 1 D 6-9-33 50

COQUINA OIL CORP.
State SGW Com.
" (120) 1 O 36-8-32 23

HANKS, ROGER C.
Bridwell St.
" (217) 1 G 1-9-32 48
" (217) 2 C " 32
Sinc.St.(345) 1 D 12-9-32 30
Teresa(226) 1 H 11-9-32 79

TOTAL 4 189
LARIO OIL & GAS CO.
State B(133) 1 P 1-9-32 28
" (196) 2 K " 17

TOTAL 2 45

POOL TOTAL 8 307

BATTLEAXE DELAWARE
Top Allowable 70 No GOR Limit
CONTINENTAL OIL CO.
Russ.30 Fed.(6) 1 O 30-26-32 6
Russ.31 Fed.(24) 1F 31-26-32 15
Acreage factor 1.225

TOTAL 2 21
READ & STEVENS, INC.
Russell (36) 1 C 31-26-32 20

POOL TOTAL 3 41

BAUM UPPER PENN
(160 Acre Spacing)
Top Allowable 334 No GOR Limit
BELL PETROLEUM CO.
Paris St.(450) 1 P 36-13-32 334
" (463) 2 N " 334

TOTAL 2 668
BTA OIL PRODUCERS
Baum 704 JV-D Com.
" (342) 1 A 2-14-32 334
Pickins 707 JV-D Com.
" (212) 1 L 11-14-32 100

TOTAL 2 434

CABOT CORP.
N.M. T St.(95) 1 O 32-13-33 37
" (235) 2 E 4-14-33 95
N.M.U St.(195) 1 G " 30

TOTAL 3 162

CHAMPLIN PETROLEUM CO.
Feathers.Fed.(47) 1 P 6-14-33 47
Acreage factor .250

COASTAL STATES GAS PRODUCING CO.
State "1"(115) 1 H 1-14-32 115
State 5(294) 2 B 5-14-33 75
State 6(361) 1 B 6-14-33 218
State 6 Com.
" (351) 2 D " 315
Acreage factor .969
State 8(175) 1 D 8-14-33 42
" (190) 2 B " 42
State 31(285) 1 L 31-13-33 199
Acreage factor .938
" (170) 2 H " 134
" (330) 3 E " 235
Acreage factor .975
State 32(172) 1 L 32-13-33 80
State 36(310) 1 G 36-13-32 310
" (337) 2 F " 260

TOTAL 12 2025

GETTY OIL CO.
State BH(206) 1 B 12-14-32 145

HOLT, ROBERT B.
Coastal States
" (193) 1 O 1-14-32 37

MAJOR, GIEBEL & FORSTER
Cities Service State
" (338) 1 M 30-13-33 334

MWJ PRODUCING CO.
Baum St.(311) 1 D 5-14-33 150
Baum A State Com.
" (286) 1 J " 65
Baum B State Com.
" (305) 1 L 4-14-33 152
Baum C St.(322) 1P 31-13-33 257
Baum D St.(210) 1 J 4-14-33 47
Baum E St.(98) 1 C 9-14-33 55
Baum St.(302) 2 L 5-14-33 151

TOTAL 7 877

UNION TEXAS PETROLEUM CORP.
State 1(374) 2 C 1-14-32 207

POOL TOTAL 31 4936

NORTH BAUM UPPER PENN
(160 Acre Spacing)
Top Allowable 474 GOR Limit 2,000
AMOCO PRODUCTION CO.
State DL(75) 1 I 13-13-32 75 TSTM
State DM(48) 1 P 18-13-33 25 TSTM

TOTAL 2 100

COASTAL STATES GAS PRODUCING CO.
Federal 20(48) 1 P 20-13-33 48 1646
" (52) 2 N " 52 1635
" (160) 3 E " 160 1131
" (294) 4 G " 233 1673

TOTAL 4 493

DELAWARE APACHE CORP.
State 19 Com.
" (65) 1 I 19-13-33 65 571

DELAWARE APACHE CORP. CONT'D
State 19 Com.
" (40) 2 A 19-13-33 40 1042

TOTAL 2 105

HOLT, ROBERT B.
Aztec St.(117) 2 A 26-13-32 73 598
" Com. (237) 4 P 25-13-32 167 485
Aztec St.(88) 5 C 26-13-32 88 636

TOTAL 3 328

SUN OIL CO.
N.M. JJ St.(59) 1 O 23-13-32 59 1380

POOL TOTAL 12 1085

BELL LAKE BONE SPRING
Top Allowable 210 No GOR Limit
CONTINENTAL OIL CO.
St.LL A/c-1(41) 1 C 6-24-34 15

BISHOP CANYON QUEEN
Top Allowable 70 No GOR Limit
HOBBS MUNICIPAL SCHOOL DISTRICT #16
Charlcia A. Taylor
" (36) 1 I 11-18-38 18

KASPAR, ALEXANDER G.
Taylor (48) 1 P 11-18-38 9

POOL TOTAL 2 27

BISHOP CANYON SAN ANDRES
Top Allowable 70 No GOR Limit
McPHERON, R. G.
C.M.Griffin(18) 1 E 10-18-38 10

SONNY'S OIL FIELD SERVICE, INC.
Simmons(28) 1 L 10-18-38 15

POOL TOTAL 2 25

BLINEBRY OIL
Top Allowable 94 GOR Limit 6,000
ACOMA OIL CORP.
S. J. Sarkeys A
" (12) 1 A 26-21-37 12 TSTM
" B (25) 1 B " 22 *25880

TOTAL 2 34

AMERADA DIVISION-AMERADA HESS CORP.
J.G.Hare(5) 4 N 33-21-37 5 **8476
State DA(9) 5 I 16-21-37 9 3134
L. G. Warlick A
" (8) 1 I 19-21-37 8 **17946

TOTAL 3 22

AMERICAN PETROFINA CO. OF TEXAS
E.Butler 5 F 18-22-38 No C-116

AMOCO PRODUCTION CO.
Grizzell B(20) 1 G 8-22-37 20 **19072
Pike Fed.(6) 1 A 6-23-38 6 **17833
Acreage factor 1.125
St.C Tr.12(3) 3 E 16-21-37 3 **14237
" (11) 7 D " 11 **14092
State S(10) 1 C 32-22-38 10 **8055
" (12) 3 E " 12 833
So.Roy.A(7) 1 G 9-21-37 7 **10621
" (6) 2 B " 6 2885
" (5) 4 X 4-21-37 5 **9000
" (7) 5 Q " 7 **8220
" (20) 6 H 9-21-37 20 **9850
" (7) 7 A " 7 2698
" (4) 8 W 4-21-37 4 **11909

TOTAL 13 118

BLINEBRY OIL CONTINUED

ATLANTIC RICHFIELD CO.					
Roy Barton (10)	2	B	23-21-37	10	3189
" (17)	3	H	"	17	2724
Cone A (21)	1	M	26-21-37	21	3241
" (13)	2	L	"	13	4749
J.R.Cone B (9)	1	N	"	9	**29778
E.C.Hill (10)	1	P	"	10	**10221
Sarkeys (14)	1	J	23-21-37	14	**10113
" (14)	2	O	"	14	**21993
" (7)	4	P	"	7	**33531
State 367	1	M	36-21-37	S.I.	
Turner,H.S. (6)	4	M	29-21-37	6	3667
TOTAL 10				121	
AZTEC OIL & GAS CO.					
Dauron (8)	2	A	10-21-37	8	**28250
Gutman (14)	2	L	11-21-37	14	**18714
State B (25)	1	I	36-22-37	15	**18125
St.BD-36 (2)	1	J	"	2	TSTM
" (14)	2	P	"	14	2928
TOTAL 5				53	
CAMPBELL & HEDRICK					
L.E.Ell. (2)	1	G	6-23-38	2	891
A.M.Lee	1	I	26-22-37	No C-116	
CITIES SERVICE OIL CO.					
Owen (20)	1	F	35-21-37	20	1350
State P (5)	2	L	"	5	4200
State S (4)	3	F	15-21-37	4	**7750
" (21)	6	E	"	21	**16095
TOTAL 4				50	
CONE, J. R.					
Anderson (6)	2	I	21-21-37	6	**31833
Eubanks (26)	1	M	14-21-37	25	*22808
" (11)	2	L	"	11	**31727
" (22)	3	K	"	18	*31626
" (19)	4	N	"	19	**17526
TOTAL 5				79	
CONTINENTAL OIL CO.					
Hawk A (3)	3	E	9-21-37	3	4430
"	4	U	4-21-37	No C-116	
" (4)	5	D	9-21-37	4	1250
Hawk B-1 (6)	3	C	"	6	1733
" (11)	4	L	"	11	**23000
" (3)	8	O	"	3	2583
" (17)	13	I	"	17	5412
Hawk B-3 (9)	2	O	3-21-37	9	4555
" (7)	5	R	"	7	3571
" (8)	7	O	"	8	5250
" (11)	13	X	"	11	4563
Hawk B-10 (4)	1	B	10-21-37	4	3750
" (12)	2	F	"	12	**27583
" (7)	4	H	"	7	3714
" (9)	8	G	"	9	3056
" (27)	10	C	"	27	**14450
L'ht.A-27 (2)	1	C	27-21-37	2	**12000
" (18)	11	H	"	18	**15200
L'ht.A-35 (19)	2	F	35-21-37	19	1895
" (7)	3	C	"	7	**7242
L'ht.B-35 (9)	1	G	"	9	3555
" (9)	2	B	"	9	**10100
" (7)	3	H	"	7	**15200
" (8)	4	A	"	8	5875
J.H.Nolan (20)	1	M	11-21-37	20	4150
" (18)	2	N	"	18	**16800
" (18)	3	K	"	18	4777
State 10 (7)	1	D	10-21-37	7	**10600
" (25)	2	E	"	24	*23200
M.E.Wantz (7)	3	P	21-21-37	7	1342
" (2)	4	J	"	2	5300
" (5)	6	M	"	5	2460
CONTINENTAL OIL CO. CONT'D					
St.JJ-36 (7)	1	G	36-22-37	7	**10714
TOTAL 32				325	
THE FUNDAMENTAL OIL CORP.					
Gulf Leonard (4)	1	H	24-21-36	4	250
GETTY OIL CO.					
Brunson (4)	1	P	4-22-37	4	**15500
Percy Hardy (4)	1	P	17-21-37	4	**16250
" (2)	2	O	"	2	2500
" (6)	3	N	"	6	**10833
S.J.Sarkeys (14)	1	E	26-21-37	14	**21714
" (48)	2	D	"	48	**9896
" (15)	3	C	"	15	**26133
" (11)	4	F	"	11	**27909
State S (12)	3	B	15-21-37	12	**26000
" (9)	4	C	"	9	**19222
" (13)	7	D	"	13	5846
" (11)	8	A	"	11	**16818
" (17)	9	P	10-21-37	17	**19765
D. A. Williamson					
" (12)	1	D	23-21-37	12	2000
" (12)	2	E	"	12	**29083
" (27)	3	F	23-21-37	27	**12704
" (11)	4	C	"	11	**6364
TOTAL 17				228	
GULF OIL CORP.					
T.R.Andrews (3)	1	B	32-22-38	3	**25667
" (9)	5	A	"	9	**13222
R.Brunson (12)	4	G	10-22-37	12	**30500
S.E.Cone (13)	1	K	26-21-37	13	**22231
Drinkard NCT-B					
" (6)	2	J	30-22-38	6	**9333
" (12)	3	O	"	12	**6750
Eubank (7)	2	A	22-21-37	7	**18429
" (10)	5	B	"	10	**6100
Hardy,C.L. (15)	5	L	20-21-37	15	**26000
" (28)	3	K	"	25	*22750
Higgins (6)	1	J	29-22-38	6	**18333
E.King (5)	8	H	28-21-37	5	**21800
" (10)	13	A	"	10	**20000
" (12)	19	C	"	12	**22500
" (3)	24	E	"	3	**12000
" (10)	25	D	"	10	**8200
H. Leonard NCT-E					
" (18)	1	G	16-21-37	18	**10889
" (4)	2	H	"	4	**9250
" (5)	3	B	"	5	**13400
" (5)	4	A	"	5	**15000
E.Lineberry (5)	2	L	29-22-38	5	**23600
Mark (13)	3	G	3-22-37	13	**21077
H.T.Mattern NCT-B					
" (6)	8	I	30-21-37	6	2833
W.T.McCom. (3)	12	B	32-21-37	3	**20000
" (5)	15	J	"	5	**26400
A.Paddock (8)	2	J	1-22-37	8	**28250
" (6)	4	G	"	6	**18000
H.V.Pike (10)	1	B	6-23-38	10	5500
Scar.Est. (8)	1	A	31-22-38	8	**21250
" (5)	2	H	"	5	**19400
" (3)	3	I	"	3	**9333
" (5)	5	J	"	5	**16692
" (5)	6	G	"	5	**17600
" (10)	7	K	"	10	**11458
" (6)	8	L	"	6	**31500
Vivian (4)	2	G	30-22-38	4	**31250
" (4)	4	H	"	4	**31500
" (5)	6	B	"	5	**11600
" (4)	7	A	"	4	**27000
Watkins (5)	1	O	29-22-38	5	**19400
" (3)	2	P	"	3	4000
TOTAL 41				313	

HANSON OIL CORP.						
Max Gutman	(74)	1	M	19-22-38	51	*10986
"		4	P	"	No C-116	
Kingwood	(77)	1	J	25-21-36	77	3766
Mattern	(69)	1	L	30-21-37	69	5174
Acreage factor .975						
"	(42)	2	K	"	42	1607
Moore	(88)	1	I	25-21-36	88	4636
TOTAL		5			327	
HARPER OIL CO.						
S.J.Sarkeys	(35)	1	G	26-21-37	35	**6989
"	(12)	2	H	"	12	TSTM
TOTAL		2			47	
HENDRIX, JOHN H.						
Danglade	(68)	2	A	24-22-37	68	**6029
HUMBLE OIL & REFINING CO.						
F.F.Hardison B						
"	(9)	2	A	34-21-37	9	**28667
N.M.S St.	(13)	22	M	2-22-37	12	**31846
N.M.V St.	(12)	1	M	10-21-37	11	5833
"	(12)	3	O	"	11	**21833
"	(12)	6	J	"	10	**9167
"	(12)	7	N	"	12	**9583
"	(12)	8	I	"	12	**10000
"	(18)	12	L	"	18	3556
TOTAL		8			95	
HUNT, N. B.						
Weatherly	(25)	4	B	21-21-37	25	4868
"	(11)	5	E	"	11	**9973
"	(13)	6	F	"	13	**9085
TOTAL		3			49	
IMPERIAL AMERICAN MANAGEMENT CO.						
Gulf Sarkeys		1	C	25-21-37	No C-116	
Royalty Holding						
"	(4)	2	G	"	4	3344
Federal GPS	(1)	1	O	6-22-38	1	452
TOTAL		2			5	
MABEE ROYALTIES, INC.						
Belcher A	(6)	1	N	7-22-38	6	4113
MARATHON OIL CO.						
E.Butler A	(6)	1	L	18-22-38	6	**12119
J.L.Muncy	(16)	4	H	24-22-37	16	**20687
L.G.Warl.C	(8)	10	J	15-21-37	8	2728
TOTAL		3			30	
MORAN, E. F.						
E.M.Ell.	(4)	1	E	35-21-37	4	**12500
MORAN, R. M.						
State 36	(7)	1	K	36-22-37	7	4857
MORAN OIL PRODUCING & DRILLING CORP.						
Owen	(15)	1	E	14-21-37	15	**10666
"	(14)	2	D	"	14	**10714
TOTAL		2			29	
PEERY, J. W.						
Hardy	(12)	2	P	19-21-37	12	**24629
"	(27)	5	O	"	21	*26340
TOTAL		2			33	
PENROSE PRODUCTION CO.						
Hinton	(8)	4	I	12-22-37	8	**24400
L.G.Warlick	(12)	1A		19-21-37	12	**13167
"	(9)	2	B	"	9	**14217
TOTAL		3			29	
PHILLIPS PETROLEUM CO.						
New Mex.D	(7)	1	H	36-22-37	7	**12661
SHELL OIL CO.						
Andrews	(15)	1	F	14-21-37	15	**8533
"	(17)	2	C	"	17	**18412
Argo	(49)	1	M	15-21-37	49	**10592
"	(18)	3	K	"	18	**21667
"	(6)	4	N	"	6	4500
Argo A	(9)	1	D	22-21-37	9	**9333
"	(13)	5	F	"	13	**31154
"	(11)	7	E	"	11	4091
"	(9)	10	C	"	9	**7667
Livingston	(16)	3	W	3-21-37	16	**17000
"	(16)	5	U	"	16	**10750
"	(7)	6	S	"	7	**30571
"	(8)	8	N	"	8	**20375
"	(10)	9	V	"	10	**12100
"	(7)	10	P	4-21-37	7	5000
Rinewalt	(5)	1	F	4-22-37	5	**18400
"	(3)	2	C	"	3	**17000
Sarkeys	(41)	1	M	23-21-37	32	*17415
"	(8)	2	K	"	8	**30500
"	(11)	3	L	"	11	**12364
"	(16)	4	N	"	16	**29375
St.Sec.15	(9)	2	H	15-21-37	9	**6667
"	(24)	3	G	"	24	4000
Taylor Glenn						
"	(5)	1	K	3-21-37	5	**21400
"	(12)	6	J	"	12	**14833
Turner	(10)	15	O	22-21-37	10	**19300
TOTAL		26			346	
SOHIO OIL CO.						
Rogers	(7)	2	H	12-22-37	7	TSTM
SOUTHERN PETROLEUM EXPLORATION, INC.						
Wm. M. Rinewalt "B"						
"		1	D	4-22-37	No C-116	
SUMMIT ENERGY, INC.						
Gulf Hill	(2)	1	R	4-21-37	2	**26200
"	(2)	4	S	"	2	**23900
Gulf St.	(21)	1	A	36-21-37	21	**21838
Shell St.	(1)	1	D	"	1	1600
TOTAL		4			26	
SUN OIL CO.						
Elliott A	(25)	3	A	21-21-37	25	**7144
"	(3)	4	H	"	3	**24150
St.Land 15	(6)	1	M	16-21-37	6	**15533
"	(6)	2	N	"	6	4000
"	(35)	3	O	"	25	*22545
"	(37)	5	P	"	37	2778
TOTAL		6			102	
SUNSET INTERNATIONAL PETROLEUM CORP.						
F.J.Dang.	(36)	1	B	24-22-37	36	**6000
TEXACO INC.						
A.H.Blinebry Federal NCT-1						
"	(3)	4	O	20-22-38	3	**6000
"	(20)	9	A	19-22-38	20	**12400
"	(20)	12	H	"	20	**6750
"	(30)	17	L	20-22-38	30	5067
"	(25)	18	M	"	25	**9200
"	(3)	20	E	"	3	**11333
"	(3)	22	K	"	3	4000
"	(5)	28	A	29-22-38	5	1000
A. H. Blinebry Federal NCT-1 Bat. #2						
"	(6)	3	F	29-22-38	6	5000
"	(4)	13	E	"	4	**22700
"	(18)	19	D	"	18	2133

BLINEBRY OIL CONTINUED

TEXACO INC. CONT'D

A. H. Blinebry Federal NCT-1 Bat. #2					
"	(18)	23 C	29-22-38	18	3000
"	(4)	26 B	"	4	3750
A. H. Blinebry Federal NCT-3					
"	(4)	1 D	31-22-38	4	**31500
"	(5)	2 B	"	5	2000
"	(23)	3 E	"	23	2348
" NCT-4	(6)	1 P	"	6	**7000
"	(5)	3-2 O	"	5	2400
"	(5)	4 M	"	5	1000
"	(6)	5 N	"	6	1000
J.C.Estlack	(3)	1 T	3-21-37	3	**31000
L'ht.Fed.	(12)	2 D	18-22-38	12	**14300
C. H. Lockhart Federal					
"	(4)	3 O	"	4	2727
M.Weath.	(1)	2 E	17-21-37	1	TSTM
TOTAL		24		233	

TEXAS PACIFIC OIL CO., INC.

S.E.Cone	(16)	4 I	26-21-37	16	3687
Danglade	(22)	3 O	13-22-37	22	1136
Sarkey	(8)	1 E	25-21-37	8	**31875
TOTAL		3		46	

UNION TEXAS PETROLEUM CORP.

Western Fed.		1 D	5-23-38	No C-116	
Acreage factor 1.125					
POOL TOTAL		234		2881	

BLUITT SAN ANDRES ASSOCIATED
(80 Acre Spacing)
Top Allowable 140 GOR Limit 2,000

BAUMGARTNER OIL CO.

USA	(22)	1 E	19-8-38	22	660
"	(3)	2 A	"	3	**21600
TOTAL		2		25	

FRANKLIN, ASTON & FAIR, INC.

Bluitt Fed.	(80)	1 I	13-8-37	73	*3862
"	(95)	2 J	"	90	*3105
McCaw.Fed.	(42)	1 A	24-8-37	42	**2500
Roden Fed.	(45)	2 C	19-8-38	45	1177
Shaw Fed.	(101)	1 L	18-8-38	101	**2009
"	(25)	2 M	"	25	**4480
TOTAL		6		376	

INGRAM, TOM L.

Federal E	(2)	1 C	24-8-37	2	**24000
"	(33)	2 B	"	33	910
TOTAL		2		35	

NEARBURG, EUGENE E.

Baetz Fed.	1 G	13-8-37	No C-116	
"	2 K	"	"	
"	3 H	"	"	
"	4 C	"	"	
"	5 N	"	"	
Baetz KGS Federal Com.				
"	1 E	"	"	
Kirkpatrick Federal				
"	1 P	11-8-37	"	
"	5 M	12-8-37	"	

RODEN OIL CO.

Roden Bluitt Federal					
"	(8)	1 E	18-8-38	8	TSTM
"	(27)	2 D	19-8-38	27	111
Sams 17	(5)	1 F	17-8-38	5	TSTM
TOTAL		3		40	

TENNECO OIL CO.

Fasken Fed.	(115)	1C	20-8-38	115	850
"	(119)	2 D	"	119	925
TOTAL		2		234	

UNION OIL CO. OF CALIFORNIA

Federal 17	(124)	1N	17-8-38	124	444
"	(31)	2 K	"	31	516
Federal 17-A					
"	(190)	1 J	"	140	632
"	(181)	2 P	"	140	405
Federal 18	(5)	1 O	18-8-38	5	800
"	(25)	2 P	"	25	**9200
Federal 20	(178)	1B	20-8-38	140	500
TOTAL		7		605	
POOL TOTAL		22		1315	

BOUGH DEVONIAN
(80 Acre Spacing)
Top Allowable 467 No GOR Limit

AMOCO PROD. CO.

Federal A	(568)	4 L	13-9-35	467	
"	(221)	5 N	"	221	
Hood Fed.	(548)	2 E	"	467	
POOL TOTAL		3		1155	

BOUGH PERMO PENN
Top Allowable 264 GOR Limit 2,000

AMOCO PROD. CO.

Flake A	(60)	1 L	17-9-36	48	1367
Reed A	(40)	1 I	18-9-36	36	1075
TOTAL		2		84	

COQUINA OIL CORP.

Betenbough					
"	(186)	1 N	12-9-35	107	1947
"	(120)	2 M	"	75	1767
"	(174)	3 P	"	98	1931
"	(69)	4 J	12-9-35	69	551
Fed.A-13	(100)	1 C	13-9-35	45	1740
"	(136)	2 M	"	48	1625
"	(94)	3 P	"	38	1712
"	(104)	4 N	"	46	1712
"	(62)	5 J	"	31	1758
Federal 13	(110)	1 O	"	72	1812
TOTAL		10		629	

TENNECO OIL CO.

Allen	(255)	1 C	14-9-35	233	*2270
Barnes Fed.	(315)	1B	24-9-35	76	935
Betenbough B					
"	(312)	1 A	14-9-35	220	1025
"	(320)	2 N	11-9-35	220	945
"	(308)	3 B	14-9-35	220	1047
"	(354)	4 H	"	220	1310
Davis Fed.	(70)	1 M	7-9-36	32	1400
Acreage factor .975					
Jack Markham					
"	(305)	1 O	11-9-35	233	1150
"	(313)	2 P	"	233	1053
Davis Fed.	(130)	2D	18-9-36	58	1850
Acreage factor .975					
TOTAL		10		1745	
POOL TOTAL		22		2458	

BOWERS SEVEN RIVERS
Top Allowable 70 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.

B.Hardin	(4)	4 N	18-18-38	4	

AMOCO PROD. CO.

McKinley	(11)	8 D	5-19-38	4	

HANSON OIL CORP.						
Max Gutman(74)	1	M	19-22-38	51	*10986	
"	4	F	"	No C-116		
Kingwood(77)	1	J	25-21-36	77	3766	
Mattern(69)	1	L	30-21-37	69	5174	
Acreage factor .975						
" (42)	2	K	"	42	1607	
Moore (88)	1	I	25-21-36	88	4636	
TOTAL	5			327		
HARPER OIL CO.						
S.J.Sarkeys(35)	1	G	26-21-37	35	**6989	
" (12)	2	H	"	12	TSTM	
TOTAL	2			47		
HENDRIX, JOHN H.						
Danglade (68)	2	A	24-22-37	68	**6029	
HUMBLE OIL & REFINING CO.						
F.F.Hardison B						
" (9)	2	A	34-21-37	9	**28667	
N.M.S St.(13)	22	M	2-22-37	12	**31846	
N.M.V St.(12)	1	M	10-21-37	11	5833	
" (12)	3	O	"	11	**21833	
" (12)	6	J	"	10	**9167	
" (12)	7	N	"	12	**9583	
" (12)	8	I	"	12	**10000	
" (18)	12	L	"	18	3556	
TOTAL	8			95		
HUNT, N. B.						
Weatherly(25)	4	B	21-21-37	25	4868	
" (11)	5	E	"	11	**9973	
" (13)	6	F	"	13	**9085	
TOTAL	3			49		
IMPERIAL AMERICAN MANAGEMENT CO.						
Gulf Sarkeys	1	C	25-21-37	No C-116		
Royalty Holding						
" (4)	2	G	"	4	3344	
Federal GPS(1)	1	O	6-22-38	1	452	
TOTAL	2			5		
MABEE ROYALTIES, INC.						
Belcher A(6)	1	N	7-22-38	6	4113	
MARATHON OIL CO.						
E.Butler A(6)	1	L	18-22-38	6	**12119	
J.L.Muncy(16)	4	H	24-22-37	16	**20687	
L.G.Warl.C(8)	10	J	15-21-37	8	2728	
TOTAL	3			30		
MORAN, E. F.						
E.M.Ell.(4)	1	E	35-21-37	4	**12500	
MORAN, R. M.						
State 36(7)	1	K	36-22-37	7	4857	
MORAN OIL PRODUCING & DRILLING CORP.						
Owen (15)	1	E	14-21-37	15	**10666	
" (14)	2	D	"	14	**10714	
TOTAL	2			29		
PEERY, J. W.						
Hardy (12)	2	P	19-21-37	12	**24629	
" (27)	5	O	"	21	*26340	
TOTAL	2			33		
PENROSE PRODUCTION CO.						
Hinton (8)	4	I	12-22-37	8	**24400	
L.G.Warlick(12)	1	A	19-21-37	12	**13167	
" (9)	2	B	"	9	**14217	
TOTAL	3			29		
PHILLIPS PETROLEUM CO.						
New Mex.D(7)	1	H	36-22-37	7	**12661	
SHELL OIL CO.						
Andrews (15)	1	F	14-21-37	15	**8533	
" (17)	2	C	"	17	**18432	
Argo (49)	1	M	15-21-37	49	**10592	
" (18)	3	K	"	18	**21667	
" (6)	4	N	"	6	4500	
Argo A (9)	1	D	22-21-37	9	**9333	
" (13)	5	F	"	13	**31154	
" (11)	7	E	"	11	4091	
" (9)	10	C	"	9	**7667	
Livingston(16)	3	W	3-21-37	16	**17000	
" (16)	5	U	"	16	**10750	
" (7)	6	S	"	7	**30571	
" (8)	8	N	"	8	**20375	
" (10)	9	V	"	10	**12100	
" (7)	10	P	4-21-37	7	5000	
Rinewalt(5)	1	F	4-22-37	5	**18400	
" (3)	2	C	"	3	**17000	
Sarkeys (41)	1	M	23-21-37	32	*17415	
" (8)	2	K	"	8	**30500	
" (11)	3	L	"	11	**12364	
" (16)	4	N	"	16	**29375	
St.Sec.15(9)	2	H	15-21-37	9	**6667	
" (24)	3	G	"	24	4000	
Taylor Glenn						
" (5)	1	K	3-21-37	5	**21400	
" (12)	6	J	"	12	**14833	
Turner (10)	15	O	22-21-37	10	**19300	
TOTAL	26			346		
SOHIO OIL CO.						
Rogers (7)	2	H	12-22-37	7	TSTM	
SOUTHERN PETROLEUM EXPLORATION, INC.						
Wm. M. Rinewalt "B"						
"	1	D	4-22-37	No C-116		
SUMMIT ENERGY, INC.						
Gulf Hill(2)	1	R	4-21-37	2	**26200	
" (2)	4	S	"	2	**23900	
Gulf St.(21)	1	A	36-21-37	21	**21838	
Shell St.(1)	1	D	"	1	1600	
TOTAL	4			26		
SUN OIL CO.						
Elliott A(25)	3	A	21-21-37	25	**7144	
" (3)	4	H	"	3	**24150	
St.Land 15(6)	1	M	16-21-37	6	**15533	
" (6)	2	N	"	6	4000	
" (35)	3	O	"	25	*22545	
" (37)	5	P	"	37	2778	
TOTAL	6			102		
SUNSET INTERNATIONAL PETROLEUM CORP.						
F.J.Dang.(36)	1	B	24-22-37	36	**6000	
TEXACO INC.						
A.H.Blinebry Federal NCT-1						
" (3)	4	O	20-22-38	3	**6000	
" (20)	9	A	19-22-38	20	**12400	
" (20)	12	H	"	20	**6750	
" (30)	17	L	20-22-38	30	5067	
" (25)	18	M	"	25	**9200	
" (3)	20	E	"	3	**11333	
" (3)	22	K	"	3	4000	
" (5)	28	A	29-22-38	5	1000	
A. H. Blinebry Federal NCT-1 Bat. #2						
" (6)	3	F	29-22-38	6	5000	
" (4)	13	E	"	4	**22700	
" (18)	19	D	"	18	2133	

BLINEBRY OIL CONTINUED

TEXACO INC. CONT'D

A. H. Blinebry Federal NCT-1 Bat. #2					
"	(18)	23 C	29-22-38	18	3000
"	(4)	26 B	"	4	3750
A. H. Blinebry Federal NCT-3					
"	(4)	1 D	31-22-38	4	**31500
"	(5)	2 E	"	5	2000
"	(23)	3 E	"	23	2348
" NCT-4	(6)	1 P	"	6	**7000
"	(5)	3-2 O	"	5	2400
"	(5)	4 M	"	5	1000
"	(6)	5 N	"	6	1000
J.C.Estlack	(3)	1 T	3-21-37	3	**31000
L'ht.Fed.	(12)	2 D	18-22-38	12	**14300
C. H. Lockhart Federal					
"	(4)	3 O	"	4	2727
M.Weath.	(1)	2 E	17-21-37	1	TSTM
TOTAL	24			233	

TEXAS PACIFIC OIL CO., INC.

S.E.Cone	(16)	4 I	26-21-37	16	3687
Danglade	(22)	3 O	13-22-37	22	1136
Sarkey	(8)	1 E	25-21-37	8	**31875
TOTAL	3			46	

UNION TEXAS PETROLEUM CORP.

Western Fed,		1 D	5-23-38	No C-116	
Acreage factor 1.125					
POOL TOTAL	234			2881	

BLUITT SAN ANDRES ASSOCIATED

(80 Acre Spacing)

Top Allowable 140 GOR Limit 2,000

BAUMGARTNER OIL CO.

USA	(22)	1 B	19-8-38	22	660
"	(3)	2 A	"	3	**21600
TOTAL	2			25	

FRANKLIN, ASTON & FAIR, INC.

Bluitt Fed.	(80)	1 I	13-8-37	73	*3862
"	(95)	2 J	"	90	*3105
McCaw.Fed.	(42)	1 A	24-8-37	42	**2500
Roden Fed.	(45)	2 C	19-8-38	45	1177
Shaw Fed.	(101)	1 L	18-8-38	101	**2009
"	(25)	2 M	"	25	**4480
TOTAL	6			376	

INGRAM, TOM L.

Federal E	(2)	1 C	24-8-37	2	**24000
"	(33)	2 E	"	33	910
TOTAL	2			35	

NEARBURG, EUGENE E.

Baetz Fed.		1 G	13-8-37	No C-116	
"		2 K	"	"	
"		3 H	"	"	
"		4 C	"	"	
"		5 N	"	"	
Baetz KGS Federal Com.					
"		1 E	"	"	
Kirkpatrick Federal					
"		1 P	11-8-37	"	
"		5 M	12-8-37	"	

RODEN OIL CO.

Roden Bluitt Federal					
"	(8)	1 E	18-8-38	8	TSTM
"	(27)	2 D	19-8-38	27	111
Sams 17	(5)	1 F	17-8-38	5	TSTM
TOTAL	3			40	

TENNECO OIL CO.

Fasken Fed.	(115)	1C	20-8-38	115	850
"	(119)	2 D	"	119	925
TOTAL	2			234	

UNION OIL CO. OF CALIFORNIA

Federal 17	(124)	1N	17-8-38	124	444
"	(31)	2 K	"	31	516
Federal 17-A					
"	(190)	1 J	"	140	632
"	(181)	2 P	"	140	405
Federal 18	(5)	1 O	18-8-38	5	800
"	(25)	2 P	"	25	**9200
Federal 20	(178)	1B	20-8-38	140	500
TOTAL	7			605	
POOL TOTAL	22			1315	

BOUGH DEVONIAN

(80 Acre Spacing)

Top Allowable 467 No GOR Limit

AMOCO PROD. CO.

Federal A	(568)	4 L	13-9-35	467	
"	(221)	5 N	"	221	
Hood Fed.	(548)	2 E	"	467	
POOL TOTAL	3			1155	

BOUGH PERMO PENN

Top Allowable 264 GOR Limit 2,000

AMOCO PROD. CO.

Flake A	(60)	1 L	17-9-36	48	1367
Reed A	(40)	1 I	18-9-36	36	1075
TOTAL	2			84	

COQUINA OIL CORP.

Betenbough					
"	(186)	1 N	12-9-35	107	1947
"	(120)	2 M	"	75	1767
"	(174)	3 P	"	98	1931
"	(69)	4 J	12-9-35	69	551
Fed.A-13	(100)	1 C	13-9-35	45	1740
"	(136)	2 M	"	48	1625
"	(94)	3 P	"	38	1712
"	(104)	4 N	"	46	1712
"	(62)	5 J	"	31	1758
Federal 13	(110)	1 O	"	72	1812
TOTAL	10			629	

TENNECO OIL CO.

Allen	(255)	1 C	14-9-35	233	*2270
Barnes Fed.	(315)	1B	24-9-35	76	935
Betenbough B					
"	(312)	1 A	14-9-35	220	1025
"	(320)	2 N	11-9-35	220	945
"	(308)	3 B	14-9-35	220	1047
"	(354)	4 H	"	220	1310
Davis Fed.	(70)	1 M	7-9-36	32	1400
Acreage factor .975					
Jack Markham					
"	(305)	1 O	11-9-35	233	1150
"	(313)	2 P	"	233	1053
Davis Fed.	(130)	2D	18-9-36	58	1850
Acreage factor .975					
TOTAL	10			1745	
POOL TOTAL	22			2458	

ROWERS SEVEN RIVERS

Top Allowable 70 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.

B.Hardin	(4)	4 N	18-18-38	4	

AMOCO PROD. CO.

McKinley	(11)	8 D	5-19-38	4	

BOWERS SEVEN RIVERS CONTINUED

AMOCO PROD. CO. CONT'D					
McKinley(8)	12	C	5-19-38	5	
" (6)	19	E	"	2	
St.A-3(12)	27	P	33-18-38	3	
Turner (10)	5	L	34-18-38	10	
TOTAL	5			24	
ATLANTIC RICHFIELD CO.					
O.O.Brad.(4)	2	A	6-19-38	4	
" (4)	3	B	"	4	
" (4)	4	H	"	4	
TOTAL	3			12	
CITIES SERVICE OIL CO.					
Fowler (3)	6	H	31-18-38	2	
" (3)	7	B	"	2	
TOTAL	2			4	
GETTY OIL CO.					
H.D.McKinley					
" (3)	6	G	30-18-38	3	
State B(20)	1	H	14-18-37	10	
TOTAL	2			13	
MARATHON OIL CO.					
State Land Sec. 30					
" (3)	5	K	30-18-38	3	
" (11)	6	M	"	8	
" (6)	8	L	"	6	
TOTAL	3			17	
SKELLY OIL CO.					
Fowler (6)	3	C	13-18-38	4	
" (6)	4	F	"	3	
TOTAL	2			7	
SUN OIL CO.					
Fowler (15)	2	D	13-18-38	3	
Acreage factor .950					
" (2)	3	E	"	2	
Acreage factor .950					
TOTAL	2			5	
POOL TOTAL	20			86	

BRONCO MISSISSIPPIAN

Top Allowable 327 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.					
L.W.Ward(80)	2	I	11-13-38	80	
Acreage factor 1.100					

BRONCO SILURO DEVONIAN

Top Allowable 397 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.					
Federal A(47)	2	B	14-13-38	47	270
Federal B(268)	1	G	11-13-38	268	60
" (156)	2	H	"	156	97
V.Linam (1)	2	C	14-13-38	1	65
H.D.Schenck(144)	1A		"	144	328
L.W.Ward(328)	1	O	11-13-38	328	76
Acreage factor 1.100					
" (336)	2	I	"	336	128
Acreage factor 1.100					
" (86)	3	J	"	86	476
Acreage factor 1.100					
TOTAL	8			1366	
ATLANTIC RICHFIELD CO.					
B.Gold(99)	1	N	11-13-38	99	81
TEXACO INC.					
H.H.Harris(52)	2	O	35-12-38	52	TSTM
POOL TOTAL	10			1517	

WEST BRONCO DEVONIAN

Top Allowable 473 GOR Limit 2,000

IMPERIAL AMERICAN MANAGEMENT CO.					
Maxwell	1	F	6-13-38	No C-116	
"	2	E	"	"	
MAJOR, GIEBEL & FORSTER					
E. B. Anderson					
" (195)	1	L	6-13-38	195	**2994
POOL TOTAL	1			195	

BRONCO WOLFCAMP

Top Allowable 125 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.					
V.Linam(201)	1	D	14-13-38	49	
ATLANTIC RICHFIELD CO.					
H.H.Harris A(25)	1A		11-13-38	18	
Acreage factor .750					
LIPSCOMB, R. C.					
Harris (25)	1	C	2-13-38	7	
TAMARACK PETROLEUM CO., INC.					
Harris (39)	1	J	2-13-38	27	
" (19)	2	K	"	15	
Lip.Harris(27)	1	G	"	15	
Harris A (54)	1	B	"	40	
TOTAL	4			97	
TEXACO INC.					
Harris (23)	1	N	35-12-38	13	
" (3)	2	O	"	3	
TOTAL	2			16	
POOL TOTAL	9			187	

BRUNSON ELLENBURGER

Top Allowable 164 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.					
H.Corrigan	11	A	4-22-37	Gas Well	
E.W.Walden(14)	1	K	15-22-37	14	**6291
" (6)	3	N	"	6	**11538
E.Wood(31)	6	A	22-22-37	31	**4212
TOTAL	3			51	
ATLANTIC RICHFIELD CO.					
R.L.Brunson	5	J	4-22-37	No C-116	
CITIES SERVICE OIL CO.					
Brunson B(1)	6	M	3-22-37	1	**65000
CONTINENTAL OIL CO.					
Elliott A-15(17)	3	O	15-22-37	17	823
Hawk B-3	1	P	3-21-37	Gas Well	
GULF OIL CORP.					
J. N. Carson NCT-A					
" (3)	7	B	33-21-37	3	**21667
R. E. Cole NCT-A					
" (22)	7	H	16-22-37	22	**6591
E.King (9)	21	H	28-21-37	9	**5667
R. Leonard NCT-F					
" (2)	2	W	2-21-37	2	**95000
" (16)	3	X	"	16	TSTM
TOTAL	5			52	
HUMBLE OIL & REFINING CO.					
J.L.Greenwood(14)	12	O	9-22-37	14	**2143
MARATHON OIL CO.					
L.G.Westlick C(1)	5	O	15-21-37	1	*424706

MKA OIL PROPERTIES
Penrose (5) 1 F 9-22-37 5 **2000

MOBIL OIL CORP.
E.C.Carson (7) 10 F 33-21-37 7 TSTM
" (7) 13 G " 7 **2857
" (6) 17 K 28-21-37 6 TSTM

TOTAL 3 20

SHELL OIL CO.
Argo (5) 9 M 15-21-37 5 600
Argo A (13) 6 C 22-21-37 13 **3692
State 2 5 T 2-21-37 No C-116
" (15) 6 S " 15 133
Turner (2) 14 J 22-21-37 2 **98000

TOTAL 4 35

TEXAS PACIFIC OIL CO., INC.
Ell. B-9 (5) 4 C 9-22-37 5 1800

POOL TOTAL 21 201

BRUNSON ELLENBURGER EAST
Top Allowable 164 GOR Limit 2,000
PHILLIPS PETROLEUM COMPANY
Sims (7) 6 M 24-22-37 7 1170

BRUNSON ELLENBURGER SOUTH
Top Allowable 164 GOR Limit 2,000
GULF OIL CORP.
Scarb.Est. (8) 5 J 31-22-38 8 **16692
" (14) 7 K " 14 **11458
" (11) 8 L " 11 **4091

TOTAL 3 33

TEXACO INC.
A. H. Blinebry Federal NCT-3
" (24) 3 E 31-22-37 24 **6375

POOL TOTAL 4 57

BRUNSON GRANITE WASH EAST
Top Allowable 164 GOR Limit 2,000
HANSON OIL CORP.
Max Gutman (40) 1 M 19-22-38 40 1025
" (81) 5 N " 81 943

POOL TOTAL 2 121

BRUNSON McKEE EAST
Top Allowable 164 GOR Limit 2,000
CHAMPLIN EXPLORATION, INC.
Baker (9) 2 A 26-22-37 9 **32556

GULF OIL CORP.
O.I.Boyd 4 O 23-22-37 No C-116

UNION TEXAS PETROLEUM CORP.
Lee (40) 2 P 23-22-37 40 1050

POOL TOTAL 2 49

BUCKEYE ABO
Top Allowable 264 GOR Limit 2,000
ATLANTIC RICHFIELD CO.
Lea 946 State
" (65) 1 E 2-18-35 65 600
" (112) 2 H 3-18-35 112 1196
" (86) 3 C 2-18-35 86 419

TOTAL 3 263

PHILLIPS PETROLEUM CO.
Santa Fe (16) 114 L 1-18-35 16 1911

POOL TOTAL 4 279

BUFFALO PENN SOUTH
Top Allowable 397 GOR Limit 2,000
KING RESOURCES CO.
Kimo Sabe (5) 1 J 16-19-33 5 **4000

BUTTON MESA SAN ANDRES SOUTH
Top Allowable 70 No GOR Limit
BELL PETROLEUM CORP.
State 5 (8) 1 I 5-9-32 8
" (8) 2 O " 7

POOL TOTAL 2 15

CAPROCK QUEEN
Top Allowable 70 No GOR Limit
AGUA, INC.
Project 34 Units
Eastcap Queen Unit
" 3 M 23-14-31 S.I.
" 4 P 22-14-31 25
" 7 H 27-14-31 10
" 9 F " 20
" 15 P " 20
" 17 N " 40
" 22 D 35-14-31 S.I.
" 24 H 34-14-31 12
" 26 F " 55
" 28 L " 40
" 30 J " S.I.
" 34 N " 50
" 1 I 22-14-31 Input
" 2 L 23-14-31 "
" 5 B 27-14-31 "
" 6 A " "
" 8 G " "
" 10 E " "
" 11 L " "
" 12 K " "
" 13 J " "
" 14 I " "
" 16 O " "
" 18 M " "
" 19 C 34-14-31 "
" 20 B " "
" 21 A " "
" 23 E 35-14-31 "
" 25 G 34-14-31 "
" 27 E " "
" 29 K " "
" 31 I " "
" 33 O " "
" 35 M " "

TOTAL 9 272

AGUA, INC.
South Caprock Queen Unit
Tr. 3-A 4 D 3-15-31 S.I.
Tr. 35 4 D 34-14-31 S.I.
Tr. 65 2 B 3-15-31 S.I.

ANADARKO PRODUCTION CO.
North Caprock Queen Unit #2
Capacity Allowable
Tr. 5 1 G 1-13-31 8
Tr. 10 1 M " 9
Tr. 12 1 O " 11
Tr. 16 2 E 12-13-31 9
Tr. 17 1 G " 12
Tr. 19 1 E 7-13-32 13
" 3 M " 9
Tr. 22 1 C 12-13-31 S.I.
Tr. 24 1 M " 9
Tr. 26 3 G 11-13-31 4
Tr. 27 4 O " 5
" 5 M " 6

ANADARKO PRODUCTION CO. CONT'D				
North Caprock Queen Unit #2				
Tr. 1	2	A	1-13-31	Input
Tr. 2	1	B	11-13-31	"
Tr. 3	2	C	1-13-31	"
Tr. 4	1	F	11-13-31	"
Tr. 6	1	H	"	"
Tr. 7	3	I	1-13-31	"
Tr. 8	1	J	11-13-31	"
Tr. 9	1	K	1-13-31	"
Tr. 10	2	L	11-13-31	"
Tr. 11	1	N	1-13-31	"
Tr. 12	2	P	"	"
Tr. 13	1	D	7-13-32	"
Tr. 14	1	A	12-13-31	"
"	2	B	"	"
Tr. 15	1	C	12-13-31	"
"	2	D	"	"
Tr. 16	1	F	"	"
Tr. 18	1	H	"	"
"	2	I	"	"
Tr. 19	2	L	7-13-32	"
Tr. 20	1	J	12-13-31	"
Tr. 21	1	P	"	"
Tr. 23	1	N	"	"
Tr. 23	2	K	"	"
Tr. 24	2	L	"	"
Tr. 25	1	A	11-13-31	"
"	2	H	"	"
Tr. 26	4	B	"	"
Tr. 27	1	J	"	"
"	2	I	"	"
"	3	P	"	"
"	6	N	"	"
"	7	K	"	"
Tr. 28	1	P	2-13-31	"
Tr. 29	1	N	36-12-31	"
TOTAL	11			95
BIUS, TOM				
Hondo Hol.St.(5)	1	F	36-12-31	5
BYARD, BENNETT				
Zimm. A(25)	1	N	21-14-31	25
" (22)	4	L	"	22
TOTAL	2			47
CITIES SERVICE OIL CO.				
Drickey Queen Sand Unit				
Capacity Allowable				
Tr. 1	1	E	15-14-31	10
"	2	K	"	T.A.
Tr. 2	2	M	"	S.I.
Tr. 6	2	G	10-14-31	20
"	3	A	"	8
"	7	E	"	20
"	8	O	3-14-31	18
"	9	I	"	S.I.
"	11	C	10-14-31	17
"	15	K	3-14-31	18
"	18	C	"	20
"	19	M	"	10
Tr. 6	22	A	"	T.A.
"	23	E	"	10
Tr. 8	1	C	22-14-31	9
Tr. 10	1	M	10-14-31	10
"	2	K	"	10
Tr. 11	2	G	11-14-31	S.I.
Tr. 13	2	M	34-14-31	18
"	4	K	"	S.I.
"	5	I	33-13-31	6
"	8	O	"	20
Tr. 15	1	O	35-13-31	S.I.
"	3	I	"	S.I.

CITIES SERVICE OIL CO. CONT'D				
Drickey Queen Sand Unit				
Tr. 17	1	G	16-14-31	T.A.
Tr. 18	1	I	"	S.I.
Tr. 20	1	L	"	S.I.
Tr. 24	1	A	"	22
Tr. 27	1	E	"	T.A.
Tr. 37	2	E	35-13-31	30
"	4	G	"	16
"	5	A	"	45
Tr. 38-A	5	K	"	10
Tr. 41	1	C	16-14-31	T.A.
Tr. 45	7	M	11-14-31	S.I.
Tr. 46	1	B	22-14-31	14
Tr. 1	3	J	15-14-31	T.A.
"	5	P	"	Input
Tr. 2	1	L	"	"
Tr. 3	1	J	10-14-31	"
Tr. 6	1	F	"	"
"	4	H	"	"
"	5	B	"	"
"	6	P	3-14-31	"
"	10	J	"	"
"	14	N	"	"
"	16	F	"	"
"	17	D	10-14-31	"
"	20	B	3-14-31	"
"	21	I	"	"
"	24	D	"	"
Tr. 7	1	D	1-14-31	T.A.
Tr. 9	1	F	22-14-31	Input
"	2	D	"	"
Tr. 10	3	L	10-14-31	"
"	4	N	"	"
Tr. 12	1	H	33-13-31	"
Tr. 13	1	N	34-13-31	"
"	3	L	"	"
"	6	J	33-13-31	"
"	7	P	"	"
Tr. 14	1	N	"	S.I.
Tr. 15	2	P	35-13-31	Input
Tr. 16	1	L	"	"
Tr. 22	1	B	16-14-31	"
Tr. 23	1	F	"	S.I.
Tr. 24	2	H	"	Input
Tr. 28	1	N	35-13-31	"
Tr. 33	2	K	16-14-31	S.I.
Tr. 36	1	P	"	S.I.
Tr. 37	1	F	35-15-31	"
"	3	B	"	"
"	6	H	"	"
Tr. 38-A	6	J	35-13-31	"
Tr. 43	2	H	22-14-31	"
Tr. 48	1	D	11-14-31	"
"	2	F	"	"
TOTAL	22			361
COLLIER, R. D.				
Gulf St.H(4)	1	H	23-13-31	4
GREAT WESTERN DRILLING CO.				
Rock Queen Unit				
Project (122 Units + 21 A.F.)				
19	7	G	19-13-32	3
"	9	I	"	1
"	11	K	"	15
"	13	M	"	6
Acreage factor 1.075				
"	15	O	"	30
22	1	A	22-13-31	3
"	7	G	"	3
"	9	I	"	5
"	11	K	"	5
"	15	O	"	5

GREAT WESTERN DRILLING CO. CONT'D			
Rock Queen Unit			
23	3 C	23-13-31	4
"	5 E	"	5
"	7 G	"	6
"	9 I	"	6
"	11 K	"	6
"	13 M	"	4
"	15 O	"	3
24	11 K	24-13-31	S.I.
"	13 M	"	10
"	15 O	"	S.I.
25	1 A	25-13-31	20
"	3 C	"	25
"	5 E	"	12
"	7 G	"	30
"	9 I	"	25
"	11 K	"	40
"	13 M	"	65
"	15 O	"	15
26	1 A	26-13-31	8
"	3 C	"	18
"	5 E	"	13
"	7 G	"	10
"	9 I	"	20
"	11 K	"	12
"	13 M	"	15
"	15 O	"	30
27	1 A	27-13-31	15
"	3 C	"	S.I.
"	7 G	27-13-31	S.I.
"	9 I	"	15
"	15 O	"	25
30	1 A	30-13-32	40
"	3 C	"	30
"	5 E	"	25
Acreage factor 1.075			
"	7 G	"	45
"	9 I	"	20
"	11 K	"	15
"	13 M	"	20
Acreage factor 1.100			
"	15 O	"	8
34	1 A	34-13-31	14
"	5 E	"	12
"	7 G	"	10
35	3 C	35-13-31	30
36	1 A	36-13-31	6
"	3 C	"	15
"	5 E	"	30
"	7 G	"	10
"	9 I	"	5
"	11 K	"	18
"	13 M	"	5
"	15 O	"	1
19	10 J	19-13-32	Input
"	14 N	"	"
"	16 P	"	"
22	2 B	22-13-31	"
"	8 H	"	"
"	10 J	"	"
"	12 L	"	"
"	14 N	"	"
"	16 P	"	"
23	2 B	23-13-31	"
"	4 D	"	"
"	6 F	"	"
"	10 J	"	"
"	12 L	"	"
"	14 N	"	"
"	16 P	"	"
24	10 J	24-13-31	"
"	12 L	"	"
"	14 N	"	"

GREAT WESTERN DRILLING CO. CONT'D			
Rock Queen Unit			
24	16 P	24-13-31	Input
25	2 B	25-13-31	"
"	4 D	"	"
"	6 F	"	"
"	8 H	"	"
"	10 J	"	"
"	12 L	"	"
"	14 N	"	"
"	16 P	"	"
26	2 B	26-13-31	"
"	4 D	"	"
"	6 F	"	"
"	8 H	"	"
"	10 J	"	"
"	12 L	"	"
"	14 N	"	"
"	16 P	"	"
27	2 B	27-13-31	"
"	6 F	"	"
"	8 H	"	"
"	10 J	"	"
"	16 P	"	"
30	2 B	30-13-32	"
"	4 D	"	"
Acreage factor 1.075			
30	6 F	"	"
"	8 H	"	"
"	10 J	"	"
"	12 L	"	"
Acreage factor 1.075			
"	12 N	30-13-32	"
31	4 D	31-13-32	"
Acreage factor 1.100			
34	2 B	34-13-31	"
"	6 F	"	"
"	8 H	"	"
35	4 D	35-13-31	"
36	2 B	36-13-31	"
"	4 D	"	"
"	6 F	"	"
"	8 H	"	"
"	10 J	"	"
"	12 L	"	"
"	14 N	"	"
"	16 P	"	"
TOTAL	57		892
PHILLIPS PETROLEUM CO.			
Project (37 Units)			
West Caprock Queen Sand Unit			
Tr. 1	2 A	8-14-31	T.A.
Tr. 2	2 I	"	5
"	3 O	"	5
Tr. 3	2 M	"	5
Tr. 4	2 A	7-14-31	T.A.
"	3 G	"	15
Tr. 5	3 C	"	5
"	4 E	"	5
Tr. 6	1 M	16-14-31	15
Tr. 7	1 I	17-14-31	20
"	4 O	"	20
Tr. 8	1 K	"	T.A.
"	2 I	"	20
Tr. 9	2 A	21-14-31	5
"	3 G	"	T.A.
Tr. 10	2 C	"	15
"	4 A	20-14-31	20
"	6 E	21-14-31	10
Tr. 11	1 O	"	T.A.
"	3 I	"	S.I.
Tr. 1	1 H	8-14-31	T.A.
Tr. 2	1 P	"	Input

PHILLIPS PETROLEUM CO. CONT'D				
West Caprock Queen Sand Unit				
Tr. 3	1	N	8-14-31	Input
Tr. 4	1	H	17-14-31	Input
"	4	N	"	T.A.
"	5	B	"	Input
Tr. 5	2	F	"	"
"	5	D	"	T.A.
Tr. 7	2	P	"	Input
"	3	J	"	"
Tr. 9	1	B	21-14-31	T.A.
"	4	H	"	Input
Tr. 10	1	D	"	"
"	3	F	"	"
"	5	B	20-14-31	"
"	7	H	"	"
Tr. 11	2	I	21-14-31	T.A.
TOTAL	14			165
SONITT PETROLEUM CORP.				
Wilson St.	1	B	3-13-32	No C-115
				No C-116
TENNECO OIL CO.				
Reno Oil Co. Federal				
" (6)	1	L	3-15-31	6
" (5)	2	M	"	5
" (6)	3	K	"	6
" (14)	4	N	"	14
TOTAL	4			31
TEXACO INC.				
Project (34 Units)				
Northeast Caprock Unit				
"	2	K	16-12-32	S.I.
"	4	I	"	S.I.
"	7	M	"	S.I.
"	9	O	"	S.I.
"	11	O	15-12-32	20
"	13	M	14-12-32	S.I.
"	16	A	20-12-32	S.I.
"	18	C	21-12-32	S.I.
"	20	A	"	20
"	22	C	22-12-32	50
"	24	A	"	Input
"	26	C	23-12-32	"
"	27	G	20-12-32	S.I.
"	29	E	21-12-32	S.I.
"	32	E	23-12-32	S.I.
"	1	L	16-12-32	S.I.
"	3	J	"	S.I.
"	5	L	15-12-32	S.I.
"	6	P	17-12-32	S.I.
"	8	N	16-12-32	S.I.
"	10	P	"	S.I.
"	12	P	15-12-32	S.I.
"	14	N	14-12-32	S.I.
"	15	B	20-12-32	S.I.
"	17	D	21-12-32	S.I.
"	19	B	"	S.I.
"	21	D	22-12-32	Input
"	23	B	"	"
"	25	D	23-12-32	S.I.
"	28	H	20-12-32	S.I.
"	30	F	21-12-32	S.I.
"	31	H	22-12-32	S.I.
"	33	F	23-12-32	S.I.
"	34	L	21-12-32	S.I.
TOTAL	3			90
THUNDERBIRD OIL CORP.				
Capacity Allowable				
North Caprock Queen Unit #1				
4	13	M	31-12-32	S.I.
6	7	C	32-12-32	8
10	9	I	36-12-31	7
12	13	M	32-12-32	2
17	3	C	6-13-32	2
19	7	G	"	2
21	3	C	5-13-32	9
"	5	E	"	8
22	11	K	6-13-32	5
23	9	I	"	10
"	15	O	"	7
25	3	C	7-13-32	4
26	1	A	"	8
"	7	G	"	6
27	5	E	8-13-32	9
"	9	I	7-13-32	5
28	11	K	"	2
29	13	M	8-13-32	8
3	16	P	31-12-32	Input
4	12	L	"	"
6	6	F	32-12-32	"
"	14	N	"	"
9	10	J	36-12-32	"
16	16	P	36-12-31	"
17	4	D	6-13-32	"
"	6	F	"	"
18	2	B	"	"
20	8	H	"	"
21	4	D	5-13-32	"
22	12	L	6-13-32	"
"	14	N	"	"
23	10	J	"	"
"	14	N	7-13-32	"
"	16	P	6-13-32	"
24	12	L	5-13-32	"
25	6	F	7-13-32	"
26	2	B	"	"
"	8	H	"	"
27	4	D	8-13-32	S.I.
"	10	J	7-13-32	Input
"	16	P	"	"
29	14	N	8-13-32	S.I.
11	12	L	32-12-32	Input
12	10	J	"	"
TOTAL	17			102
TRIGG, JOHN H.				
Project (35 Units)				
Trigg Federal	1	I	9-14-31	3
"	4	A	"	5
"	6	I	4-14-31	10
"	8	A	"	2
"	9	O	9-14-31	10
"	11	G	"	2
"	13	O	4-14-31	2
"	15	G	"	2
"	18	K	9-14-31	10
"	20	C	"	S.I.
"	22	K	4-14-31	4
"	24	C	"	2
"	25	M	9-14-31	9
"	27	E	"	15
"	31	E	4-14-31	2
"	33	A	"	T.A.
"	2	P	9-14-31	Input
"	3	H	"	"
"	5	P	4-14-31	"
"	7	H	"	"
"	10	J	9-14-31	T.A.
"	12	B	"	Input
"	14	J	4-14-31	"
"	16	B	"	"
"	17	N	9-14-31	"

TRIGG, JOHN H. CONT'D				
Trigg Federal	19	F	9-14-31	Input
"	21	N	4-14-31	"
"	23	F	"	"
"	26	L	9-14-31	T.A.
"	28	D	"	T.A.
"	29	M	4-14-31	T.A.
"	30	L	"	T.A.
"	32	D	"	Input
"	34	I	"	T.A.
"	35	H	5-14-31	Input
TOTAL	14			78
TRIGG, JOHN H.				
Capacity Allowable				
Federal V-34	2	O	34-13-31	9
"	4	I	"	13
"	1	P	"	Input
"	3	J	"	"
TOTAL	2			22
UNION OIL CO. OF CALIFORNIA				
Project (159.33 Units)				
South Caprock Queen Unit				
Tr. 2	16	P	4-15-31	S.I.
Tr. 3	2	B	8-15-31	S.I.
"	8	H	"	S.I.
Tr. 3-A	6	F	3-15-31	S.I.
Tr. 4	3	C	28-14-31	S.I.
"	5	E	"	S.I.
Tr. 5	14	N	8-15-31	S.I.
Tr. 6	2	B	17-15-31	S.I.
"	4	D	"	S.I.
"	6	F	"	S.I.
"	8	I	"	S.I.
"	10	J	"	S.I.
"	12	L	"	S.I.
"	14	N	"	S.I.
Tr. 7-A	2	B	33-14-31	S.I.
"	16	P	"	S.I.
Tr. 7-B	1	A	29-14-31	S.I.
"	7	G	"	S.I.
Tr. 8	14	N	4-15-31	S.I.
"	16	P	5-15-31	S.I.
Tr. 9	7	G	"	S.I.
Tr. 10	6	F	9-15-31	S.I.
Tr. 11	4	D	4-15-31	S.I.
"	6	F	"	S.I.
"	14	N	5-13-31	S.I.
Tr. 19-D	7	G	19-15-31	S.I.
Tr. 21	11	K	20-15-31	S.I.
"	13	K	"	S.I.
Tr. 23	6	F	"	S.I.
Tr. 25	4	D	"	S.I.
Tr. 26	13	M	30-15-31	S.I.
Tr. 29	2	B	"	S.I.
Tr. 32	11	K	"	S.I.
Tr. 39	1	A	30-15-31	S.I.
"	3	C	"	S.I.
"	5	F	"	S.I.
Tr. 40	5	E	20-15-31	S.I.
Tr. 43	7	G	30-15-31	S.I.
Tr. 44-A	16	P	32-14-31	S.I.
Tr. 47	9	I	19-15-31	S.I.
"	15	O	"	S.I.
Tr. 48	5	E	29-15-31	6
"	9	I	30-15-31	S.I.
"	15	O	"	S.I.
Tr. 49	3	C	31-15-31	20
Tr. 54	14	N	"	S.I.
"	16	P	31-15-31	S.I.
Tr. 55-A	9	I	29-14-31	S.I.
Tr. 57	4	D	8-15-31	S.I.
"	10	J	"	S.I.

UNION OIL CO. OF CALIFORNIA CONT'D				
South Caprock Queen Unit				
Tr. 58	12	L	9-15-31	S.I.
Tr. 63	6	F	8-15-31	S.I.
"	16	P	"	S.I.
Tr. 64	16	P	18-15-31	S.I.
Tr. 67	6	F	33-14-31	S.I.
"	12	L	"	5
Tr. 68	3	C	"	130
Tr. 70	14	N	"	40
Tr. 2	9	I	4-15-31	Input
Tr. 3	1	A	8-15-31	"
"	7	G	"	"
Tr. 3-A	3	C	3-15-31	"
"	5	E	"	"
Tr. 4	4	D	28-14-31	"
"	6	F	"	"
Tr. 5	11	K	8-15-31	"
"	12	L	"	"
"	13	M	"	"
Tr. 6	1	A	17-15-31	"
"	3	C	"	"
"	5	E	"	"
"	7	G	"	"
"	9	I	"	"
"	11	K	"	"
"	13	M	"	"
"	15	O	"	"
"	80	H	18-15-31	"
Tr. 7-A	1	A	33-14-31	"
"	9	I	"	"
Tr. 7-A	15	O	"	"
Tr. 7-B	2	B	29-14-31	"
"	8	H	"	"
Tr. 8	9	I	5-15-31	"
"	10	J	"	"
"	11	K	4-15-31	"
"	12	L	"	"
"	13	M	"	"
"	15	O	5-15-31	"
Tr. 9	6	F	"	"
Tr. 10	1	A	9-15-31	"
"	2	B	"	"
"	3	C	"	"
"	4	D	"	"
"	5	E	"	"
"	7	G	"	"
Tr. 11	3	C	4-15-31	"
"	5	E	"	"
"	11	K	5-15-31	"
"	12	L	"	"
"	13	M	"	"
Tr. 13	16	P	6-15-31	"
Tr. 17	9	I	32-14-31	"
Tr. 18	8	H	19-15-31	"
Tr. 21	111	K	20-15-31	"
Tr. 23	4	D	29-15-31	"
Tr. 24	13	M	"	"
Tr. 25	3	C	20-15-31	"
Tr. 27	1	A	4-15-31	"
Tr. 29	7	G	20-15-31	"
Tr. 33	2	B	19-15-31	"
Tr. 39	4	D	30-15-31	"
"	2	B	"	"
"	6	F	"	"
"	8	H	"	"
Tr. 40	6	F	29-15-31	"
"	11	K	"	"
Tr. 41	12	L	20-15-31	"
Tr. 42	2	B	31-15-31	"
Tr. 43	14	N	19-15-31	"
Tr. 47	1	A	19-15-31	"
"	10	J	"	"
"	16	P	"	"

UNION OIL CO. OF CALIFORNIA CONT'D
South Caprock Queen Unit

Tr. 48	10	J	30-15-31	Input
"	12	L	"	"
"	14	N	"	"
"	16	P	"	"
"	120	L	29-15-31	"
Tr. 49	1	A	31-15-31	"
Tr. 51	14	N	20-15-31	"
Tr. 52	12	L	28-14-31	"
Tr. 54	9	I	"	"
"	13	M	"	"
"	15	O	"	"
Tr. 55-B	10	J	29-14-31	"
Tr. 57	5	E	8-15-31	"
"	15	O	"	"
Tr. 61	1	A	7-15-31	"
Tr. 63	9	I	8-15-31	"
"	3	C	"	"
"	11	K	9-15-31	"
Tr. 64	9	E	18-15-31	"
"	10	J	"	"
"	15	O	"	"
Tr. 65	7	G	3-15-31	"
Tr. 67	13	M	33-14-31	"
Tr. 69-A	4	D	"	"
"	5	E	"	"
Tr. 70	11	K	33-14-31	"
TOTAL	5			201
POOL TOTAL	162			2365

EAST CAPROCK DEVONIAN
Top Allowable 397 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.					
H.C.Posey A	(6)	1	O	11-12-32	6
"	(108)	3	J	"	75
"	(86)	5	A	"	86
"	(116)	6	H	"	86
St. ECC	(122)	1	G	"	106
"	(122)	2	B	"	69
St. ECE	(53)	1	O	2-12-32	53
St. ECH	(77)	1	P	"	77
TOTAL		8			558
STOLTZ, WAGNER & BROWN					
Cleveland	(81)	1	G	23-12-32	68
TEXACO INC.					
State BB	(96)	1	K	11-12-32	84
UNION OIL CO. OF CALIFORNIA					
Gross St.	(70)	1	L	11-12-32	58
POOL TOTAL		11			768

CAPROCK WOLFCAMP EAST
Top Allowable 210 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.					
L.H.Chamb.A	(9)	1	L	1-12-32	8
SKELLY OIL CO.					
Mex. S	(12)	1	C	23-12-32	8
POOL TOTAL		2			16

CARTER SAN ANDRES SOUTH
Top Allowable 45 No GOR Limit

GREAT WESTERN DRILLING CO.					
Burton	(17)	1	O	5-18-39	17
Acreage factor .658					
E.Car.	(12)	1	J	5-18-39	11
Acreage factor .650					
"	(30)	2	N	"	26
"	(28)	3	K	"	25
S.Johnson	(31)	1	B	8-18-39	28
S.Johnson	(15)	2	C	8-19-39	12
Acreage factor .650					
"	(24)	3	C	"	21
McQuein	(43)	2	F	"	43
TOTAL		8			183
MARTINDALE PET. CORP.					
Carter	(64)	1	A	7-18-39	10
McPHERON, R. G.					
S.P.John.	(27)	2	M	5-18-39	19
POOL TOTAL		10			216

CARY MONTOYA
Top Allowable 164 GOR Limit 2,000

GULF OIL CORP.					
R. E. Cole NCT-A					
"	(5)	11	J	16-22-37	5 **5400

CASS PENN
(80 Acre Spacing)
Top Allowable 234 No GOR Limit

CONTINENTAL OIL CO.					
SEMU Penn	(52)	2	E	23-20-37	52
"	(99)	3	K	"	99
"	(59)	4	G	"	35
"	(21)	7	F	"	21
POOL TOTAL		4			207

CATO SAN ANDRES
Top Allowable 70 GOR Limit 2,000

ADOBE OIL CORP.						
Peterson Federal						
"	(16)	1	J	6-9-30	16	438
AMOCO PROD. CO.						
ABKO Fed.	(19)	1	H	10-8-30	13	316
"	(8)	2	G	"	4	750
"	(7)	3	A	"	4	857
"	(6)	4	B	"	4	333
Barhyte	(13)	1	M	4-8-30	9	*18769
Baskett	(37)	1	L	11-8-30	17	**2000
"	(22)	2	M	"	9	1364
Baskett B	(51)	1	F	"	15	**2431
"	(4)	2	C	"	4	1400
Baskett C	(8)	1	O	10-8-30	8	1000
"	(4)	2	J	"	4	1000
Baskett D		1	G	11-8-30	Input	
"		2	A	"	"	
"	(42)	3	O	"	12	976
"		4	I	"	Input	
"	(18)	5	J	"	12	278
"	(63)	6	B	"	43	571
"	(12)	7	P	"	9	917
"	(69)	8	H	"	49	1072
Baskett E	(7)	1	A	15-8-30	7	1071
"	(21)	2	H	"	21	524
Cato A Fed.	(22)	1	K	"	10	545
"	(4)	2	L	"	3	1750
"	(11)	3	N	"	8	636
Cato B Fed.	(19)	1	L	14-8-30	5	684
"	(74)	2	N	"	18	1662
"	(87)	3	D	23-8-30	21	1241
"	(75)	4	M	14-8-30	22	1187
"	(32)	5	E	23-8-30	11	1031
"	(75)	6	K	14-8-30	20	1827
"	(55)	7	C	23-8-30	11	855
"	(38)	8	F	"	11	1816
Cato C Fed.	(63)	1	J	14-8-30	10	**2667
"	(72)	2	O	"	10	1264
"	(51)	3	I	"	10	1373
"	(22)	4	P	"	5	1909
Cato D Fed.	(66)	1	B	23-8-30	19	1258

AMOCO PROD. CO. CONT'D					
Cato D Fed.	(44)	2 G	23-8-30	22	1977
"	(12)	3 A	"	12	**5000
Crosby	(11)	1 G	17-8-30	7	**2000
Crosby A Federal					
"	(5)	1 P	8-8-30	2	*80800
"	(17)	2 I	"	11	*12529
Crosby B	(4)	1 I	3-8-30	4	1000
"	(8)	2 P	"	8	500
" Fed.	(14)	1 G	9-8-30	14	**2000
"	(6)	2 B	"	6	1667
Crosby C Fed.					
"	(7)	1 C	22-8-30	5	1429
Crosby D	(25)	1 C	15-8-30	7	1080
"	(8)	2 F	"	8	**2125
Crosby E	(12)	1 M	10-8-30	12	250
"	(11)	2Y L	"	11	1818
Crosby F	(5)	1 I	17-8-30	5	460
Crosby G	(35)	1 N	9-8-30	10	1343
"	(5)	2 K	"	5	**4000
Crosby H	(85)	1 E	"	60	1106
"	(9)	2 D	"	9	1222
Fischer Fed.	(4)	1M	12-8-30	4	500
"	(3)	2 E	"	3	667
" B Fed.	(15)	1 H	32-8-30	15	TSTM
Grimm Fed.	(35)	1 O	9-8-30	35	914
"	(13)	2 J	"	13	1154
Queen	(8)	1 C	10-8-30	5	1125
"	(32)	2 E	"	21	1688
"	(9)	3 F	"	9	**3556
Wasley	(48)	1 C	14-8-30	20	1542
"	(13)	2 E	"	7	846
"	(28)	3 A	"	11	1214
"	(23)	4 D	"	12	1087
"	(29)	5 G	"	14	517
"	(44)	6 F	"	10	818
"	(12)	7 B	"	5	**8750
"	(57)	8 H	"	11	**2000
TOTAL		69		851	
ATLANTIC RICHFIELD CO.					
Bell St.	(21)	1 B	32-8-30	16	1523
Conley Fed.	(15)	1P	28-8-30	10	1066
L.C.Harris	(16)	1 I	15-8-30	10	**2875
"	(112)	2 A	22-8-30	5	**3091
"	(36)	3 P	15-8-30	24	**4444
"	(21)	4 J	"	19	**2285
"	(61)	5 H	22-8-30	24	**2770
"	(11)	6 B	"	11	**7455
"	(15)	7 G	"	10	1467
"	(7)	8 O	15-8-30	5	**3142
Sinc.208 Fed.		1 A	20-8-30	No C-116	
Winkler Fed.	(7)	1P	29-8-30	7	1143
"	(88)	2 O	28-8-30	15	213
"	(54)	3 N	"	38	685
"	(13)	4 M	"	13	615
"	(14)	5 J	"	14	571
"	(16)	6 K	"	16	500
"	(12)	7 L	"	12	667
"	(30)	8 I	29-8-30	29	533
"	(14)	9 J	"	12	428
"	(88)	10 G	32-8-30	14	273
"	(10)	11 F	"	9	500
"	(36)	12 O	29-8-30	36	333
"	(13)	13 B	"	11	923
Woodman Fed.	(20)	1H	28-8-30	18	1000
"	(11)	2 G	"	6	1455
"	(6)	3 A	"	5	**3666
"	(24)	4 B	"	20	1625
TOTAL		27		409	
BELL PETROLEUM CO.					
Conley Fed.	(8)	1 I	28-8-30	5	1976
Packer Fed.	(23)	1A	23-8-30	15	568
BELL PETROLEUM CO. CONT'D					
Packer Fed.	(20)	2H	23-8-30	15	906
Packer A Federal					
"	(8)	3 P	32-8-30	8	TSTM
State	(55)	1 A	"	45	**2672
TOTAL		5		88	
BROWN, H. L., JR.					
Federal 13	(15)	1 L	13-8-30	15	TSTM
THE EASTLAND OIL CO.					
Hodges Federal					
"	(15)	1 J	23-8-30	15	1360
"	(7)	2 A	27-8-30	7	1460
"	(54)	4 H	"	35	1170
"	(77)	5 G	"	40	920
TOTAL		4		97	
McCLELLAN, JACK L.					
Smith Fed.	(55)	2 E	13-8-30	45	1450
Coll Fed.	(6)	1 D	"	6	1600
TOTAL		2		51	
MWJ PRODUCING CO.					
Cato St.	(6)	1 M	2-8-30	6	1666
"	(4)	2 N	"	4	**2000
"	(8)	4 L	"	8	1500
TOTAL		3		18	
NEARBURG, EUGENE E.					
Crosby		1 J	5-8-30	No C-115	
Skinner Fed.					
"	(39)	1 A	8-8-30	15	1992
"	(11)	2 B	"	11	1880
TOTAL		2		26	
RHODES, J. CECIL					
T.Crosby	(60)	1 B	17-8-30	60	416
SHELL OIL CO.					
Amco Fed.	(83)	1 B	33-8-30	70	TSTM
"	(90)	2 C	"	70	"
"	(20)	3 D	"	20	"
"	(83)	4 G	"	70	"
"	(77)	5 K	"	40	"
"	(88)	6 O	"	70	"
"	(30)	7 E	"	30	"
"	(76)	8 M	"	40	"
"	(78)	9 I	"	70	"
"	(87)	10 F	"	70	"
"	(88)	11 J	"	70	"
"	(78)	12 N	"	40	"
"	(30)	13 P	"	30	"
"	(30)	14 L	"	20	"
Amco A Federal					
"	(75)	1 C	4-9-30	35	TSTM
"	(78)	2 G	"	25	"
"	(76)	3 A	"	68	"
"	(77)	4 E	"	40	"
"	(80)	5 B	"	67	"
Brown Fed.	(21)	1 P	22-8-30	18	"
"	(40)	2 J	"	20	"
"	(75)	3 I	"	55	TSTM
Brown A Fed.	(54)	1D	26-8-30	20	"
Corder Fed.	(76)	1A	5-9-30	45	"
"	(40)	2 G	"	35	"
T.Crosby	(13)	1 I	"	13	"
" B	(73)	1 F	"	65	"
"	(20)	2 D	"	20	"
Hodges Fed.	(75)	1L	23-8-30	50	"
"	(50)	2 M	"	25	"
"	(75)	3 K	"	55	"
Hodges A Federal					
"	(41)	2 M	28-8-30	20	"

CATO SAN ANDRES CONTINUED

SHELL OIL CO. CONT'D					
Hodges A Federal					
"	(56)	3 K	27-8-30	28	TSTM
"	(40)	4 E	"	20	"
"	(75)	5 L	"	55	"
"	(75)	6 D	"	55	"
" B Fed.	(40)	1 D	34-8-30	20	"
"	(40)	2 C	"	20	"
"	(40)	4 M	"	20	"
"	(26)	5 E	"	20	"
" C Fed.	(25)	1 K	22-8-30	20	"
"	(40)	2 M	"	35	"
"	(21)	3 L	"	18	"
" D Fed.	(32)	1 D	3-9-30	25	"
N. H. McGrail					
"	(20)	1 K	5-9-30	20	"
TOTAL		45		1742	
SOUTHWEST PRODUCTION CORP.					
Coll Fed.		2 C	13-8-30	No C-116	
SUN OIL CO.					
N.M.H St.	(11)	1 E	16-8-30	11	1735
"	(64)	2 A	"	64	346
"	(10)	3 H	"	10	1510
"	(15)	4 D	"	15	562
"	(72)	5 C	"	50	**2140
"	(24)	6 B	"	24	1651
"	(9)	7 G	"	9	1325
"	(5)	8 F	"	5	564
"	(45)	9 L	"	35	460
"	(8)	10 K	"	8	310
"	(14)	11 J	"	14	**4170
"	(12)	12 I	"	12	1300
"	(4)	14 O	"	4	1300
"	(7)	15 N	"	7	1305
"	(13)	16 M	"	13	800
"		13 P	"	Input	
N.M.J St.	(19)	1 K	36-7-30	19	1000
Woodman Fed.	(6)	1F	28-8-30	6	1260
"	(21)	3 H	29-8-30	21	1480
"	(6)	4 G	"	6	1340
"	(4)	7 C	28-8-30	4	1453
"	(14)	2 E	"	14	1180
TOTAL		21		351	
TAMARACK PETROLEUM CORP.					
Crosby		1 F	17-8-30	No C-116	
TERRA RESOURCES INC.					
Alexander Federal					
"	(24)	1 I	32-8-30	24	**2196
UNION TEXAS PETROLEUM CORP.					
Baskett	(9)	1 K	11-8-30	8	**3125
"	(50)	2 E	"	50	**2540
"	(6)	3 D	"	6	**2500
"	(16)	4 N	"	16	**4250
Baxter Fed.	(6)	1 F	17-8-30	6	1833
"	(37)	2 O	8-8-30	28	1162
"	(6)	3 C	17-8-30	6	333
"	(12)	4 H	8-8-30	12	**8583
"	(8)	5 J	"	8	**9000
"	(5)	6 G	"	5	**15000
J.E.Cato	(8)	1 I	10-8-30	8	**4500
"	(78)	2 P	"	45	1974
"	(8)	3 G	15-8-30	8	1125
"	(30)	4 B	"	30	967
Crosby	(10)	1 K	10-8-30	10	1900
"	(20)	2 N	"	20	**3300
"	(14)	3 D	15-8-30	14	1000
"	(5)	4 E	"	5	800
"	(6)	5 I	9-8-30	6	667
"	(58)	6 P	"	35	**2275

UNION TEXAS PETROLEUM CORP. CONT'D					
Crosby	(11)	7 M	9-8-30	11	**11363
"	(49)	8 F	"	40	1714
"	(50)	9 L	"	40	1960
"	(12)	10 C	"	12	**3500
Crosby 3	(5)	1 O	3-8-30	5	200
"	(14)	2 H	"	14	643
Crosby 17	(65)	1 H	17-8-30	50	723
"	(7)	2 J	"	7	143
"	(17)	3 A	"	17	**4588
Winkler	(35)	1 H	9-8-30	30	**3514
" Fed.	(8)	2 A	"	8	**2375
TOTAL		31		560	
POOL TOTAL		213		4308	

CAUDILL PERMO PENN

Top Allowable 327 GOR Limit 2,000

CITIES SERVICE OIL CO.					
Crockett	(16)	1 D	21-15-36	16	430
State AP	(13)	2 O	16-15-36	13	TSTM
State BM	(31)	1 K	"	31	621
TOTAL		3		60	
ST. CLAIR, D. W.					
W.E.Caudill	(11)	1 K	21-15-36	11	1909
SUN OIL CO.					
J.D.Graham	(14)	1 O	9-15-36	14	**2820
POOL TOTAL		5		85	

CERCA UPPER PENN
(160 Acre Spacing)

Top Allowable 537 GOR Limit 2,000

ATLANTIC RICHFIELD CO.					
Lea 878 St.	(14)	1K	4-14-34	14	357
MIDWEST OIL CORP.					
N.M. S St.	(140)	1P	5-14-34	100	1200
SUN OIL CO.					
N.M.R St.	(97)	1 N	33-13-34	97	469
"	(181)	2 H	"	120	151
TOTAL		2		217	
SUPERIOR OIL CO.					
Elkan	(62)	1 M	34-13-34	62	290
Elkan A	(42)	1 C	"	42	738
State D	(91)	1 G	4-14-34	55	1225
State K	(84)	1 J	"	70	1012
State L	(65)	1 P	33-13-34	65	892
State M Com.	(97)	1F	4-14-34	80	**2927
TOTAL		6		374	
TEXAS PACIFIC OIL CO., INC.					
Shell St.	(48)	1 D	9-14-34	48	1204
Tenneco St.	(49)	1H	8-14-34	49	**2235
" A St.	(175)	1 J	"	175	966
TOTAL		3		272	
POOL TOTAL		13		977	

CERCA LOWER WOLFCAMP

Top Allowable 327 GOR Limit 2,000

ATLANTIC RICHFIELD CO.					
Lea 878 State					
"	(80)	1 K	4-14-34	80	550

CHAMBERS WOLFCAMP

Top Allowable 327 No GOR Limit

AMERICAN PETROFINA CO. OF TEXAS					
Wm.Sny.	(13)	1 G	35-15-35	9	

CHAMBERS WOLFCAMP CONTINUED

ATLANTIC RICHFIELD CO.						
D.Chamb.	(22)	1	M	26-14-35	18	
POOL TOTAL	2				27	
CHAVEROO SAN ANDRES						
Top Allowable	70			GOR Limit	2,000	
ADOBE OIL CO.						
Chaves St.	(24)	1	G	1-8-32	24	456
ALLIRISH & CO., & B. G. HOWELL						
Federal 29	(5)	1	A	29-7-33	5	1600
AMERICAN TRADING & PRODUCING CORP.						
N.M.St.20	(18)	1	L	20-7-34	18	1250
"	(20)	2	M	"	20	1175
"	(6)	3	K	"	6	1180
"	(20)	4	N	"	20	1110
TOTAL	4				64	
ANTWEIL, MORRIS R.						
Shackleford	(10)	1	D	35-7-33	10	**3505
ATLANTIC RICHFIELD CO.						
State BF	(25)	1	A	3-8-33	22	1440
"	(11)	2	B	"	8	**2727
"	(9)	3	C	"	8	1444
"	(18)	4	H	"	16	1389
"	(20)	6	G	"	16	1400
"	(14)	7	F	"	11	786
"	(30)	8	J	"	26	1100
"	(27)	9	P	"	25	667
"	(30)	10	O	"	28	1500
Tucker	(45)	1	L	24-7-32	5	**3089
"	(11)	2	P	23-7-32	11	1318
"	(16)	3	K	24-7-32	16	**6688
TOTAL	12				192	
CAYMAN CORP.						
Hondo State		1	F	31-7-33	No C-116	
"	(6)	2	E	"	6	962
"	(6)	3	D	"	6	1072
"	(5)	4	C	"	5	1112
"	(7)	5	G	"	7	953
"	(6)	6	H	"	6	1072
TOTAL	5				30	
CHAMPLIN PETROLEUM CO.						
Ferrell Fed.	(4)	1	A	30-7-33	4	**2125
"	(7)	2	H	"	7	**2429
"	(4)	3	I	"	4	**3500
"	(5)	4	P	"	5	**3200
"	(6)	5	R	"	6	1750
"	(11)	6	G	"	11	1364
"	(1)	7	J	"	1	**8400
"	(5)	8	O	"	5	1800
Hondo St.	(8)	11	H	32-7-33	8	910
"	(5)	12	G	"	5	1242
"	(8)	13	D	"	8	512
Lauck Fed.	(20)	1	P	29-7-33	20	641
"	(10)	2	I	"	10	620
"	(4)	3	H	"	4	**2281
"	(5)	4	O	"	5	1934
"	(4)	5	B	"	4	**3200
"	(3)	6	G	"	3	**4600
"	(4)	7	F	"	4	800
"	(6)	8	E	"	6	1758
"	(4)	9	D	"	4	1700
"		10	L	"	Input	
"	(9)	11	K	"	9	1218
"		12	J	"	Input	
"	(13)	13	N	"	13	**2409
"	(5)	14	M	"	5	1740
Levick St.	(22)	1	H	1-8-32	22	762
" 2	(19)	1	G	2-8-33	19	1667
Shell St.	(4)	10	C	32-7-33	4	1315
CHAMPLIN PETROLEUM CO. CONT'D						
Signal St.	(15)	1	A	1-8-32	15	1194
"	(30)	2	B	"	30	**2429
"	(22)	3	C	"	22	1343
"	(52)	4	D	"	52	1052
State 3	(50)	1	I	3-8-33	50	1412
State 4	(18)	1	C	4-8-33	18	**2873
"	(14)	2	F	"	14	1688
State 5-A	(15)	1	C	5-8-33	15	**2210
"	(11)	2	D	"	11	1532
St.5-8-33	(19)	1	B	"	19	760
"	(13)	2	A	"	13	**3027
State 6	(33)	1	D	6-8-33	33	1800
Acreage factor .925						
"	(14)	2	E	"	14	1643
Acreage factor .950						
"	(4)	3	C	"	4	1925
"	(43)	4	L	"	43	512
"	(3)	5	M	"	3	**2333
Acreage factor .950						
"	(40)	6	F	"	40	825
"	(4)	7	G	"	4	1275
"	(2)	8	H	"	2	**2300
"	(4)	9	I	"	4	911
State 32-7-33 Unit						
"		1	B	32-7-33	Input	
"	(1)	2	A	"	1	**4300
"	(3)	3	I	"	3	**2600
"	(7)	4	P	"	7	786
"		5	J	"	Input	
"	(4)	6	O	"	4	1600
"	(7)	7	N	"	7	1029
"	(8)	8	K	"	8	638
"	(8)	9	F	"	8	725
TOTAL	53				640	
C & K PETROLEUM, INC.						
Arco St.	(43)	1	J	4-8-33	43	1140
"	(22)	2	O	"	22	1364
Shell Cone Partin						
"	(48)	1	J	35-7-32	48	396
"	(25)	2	I	"	25	1080
TOTAL	4				138	
CLINTON OIL CO.						
Bradley	(10)	1	N	24-7-35	10	800
"	(30)	2	O	"	3	700
"	(7)	3	I	"	7	1286
"	(2)	4	P	"	2	**2500
Coleman	(7)	1	M	24-7-33	7	1859
"	(7)	2	L	"	7	1571
" B	(9)	1	E	"	9	1444
"	(2)	2	D	"	2	500
Farrell Fed.	(2)	1	M	28-7-33	2	1000
"	(1)	2	L	"	1	**2000
"	(2)	3	N	"	2	TSTM
"	(2)	4	O	"	2	**2000
"	(6)	5	K	"	6	667
"	(22)	6	P	"	22	**2591
"	(6)	7	J	"	6	**14667
"	(2)	9	I	"	2	**3000
"		10	F	"	Input	
"	(14)	11	H	"	14	929
"	(6)	12	G	"	6	500
"	(5)	13	D	"	5	**3800
"	(1)	15	B	"	1	**15000
"	(1)	16	A	"	1	**5000
HOMME FED.	(20)	1	E	20-7-34	20	550
"	(6)	2	C	"	6	TSTM
"	(3)	3	F	"	3	**7000
State DA	(5)	1	E	35-7-33	5	**2547
State DB	(7)	1	D	25-7-33	7	1857
"	(8)	2	E	"	8	1125
"	(27)	3	C	"	27	**3185
"	(4)	4	L	"	4	**20500

CLINTON OIL CO. (CONT'D)						
State DS	(12)	5 J	25-7-33	12		
"	(2)	6 B	"	8		
"	(15)	7 K	"	15		
"	(2)	9 O	"	2		
State DE	(13)	1 M	25-7-33	13		
Vole Fed.	(7)	1 G	19-7-34	7		
"	(7)	2 B	"	7		
"	(22)	3 O	18-7-34	22		
"	(6)	4 A	19-7-34	5		
"	(9)	5 H	"	9		
TOTAL	33			93		
CONINE, JIM, INC.						
State		1 H	25-7-33	No C-116		
COQUINA OIL CORP.						
Chaveroo A State						
"	(9)	1 M	31-7-33	9		
"	(5)	2 L	"	5		
Chaveroo B State						
"	(8)	1 E	"	8		
"	(8)	2 I	"	8		
TOTAL	4			33		
DALBY, ARNO R.						
Yeager	(36)	1 K	35-7-32	36		
DALPORT OIL CORP.						
Federal	(12)	1 M	27-7-33	12		
"	(8)	2 L	"	8		
"	(16)	3 A	26-7-33	16		
"	(20)	4 H	"	20		
Federal 22	(9)	1 P	22-7-33	9		
"	(6)	2 O	"	4		
Hinkle Fed.	(4)	1 F	19-7-34	4		
Acreage factor 1.125						
"	(4)	2 C	"	4		
Acreage factor 1.125						
TOTAL	8			77		
ENFIELD, ROBERT H.						
C.E.Hale	(14)	1 C	11-8-33	14		
FLK OIL COMPANY						
Federal 24		1 E	24-7-32	No C-116		
Federal 30	(8)	1 F	30-7-33	8		
"	(6)	2 E	"	6		
Partin "35"	(14)	1 B	35-7-32	14		
State 30	(5)	1 N	30-7-33	5		
"	(5)	2 M	"	5		
"		3 L	"	No C-116		
"	(6)	4 K	"	6		
Shell 35 Federal						
"	(16)	1 E	35-7-32	16		
"	(19)	2 P	"	19		
TOTAL	8			79		
GEROR OIL LTD., 1962						
Card Fed.	(13)	1 F	27-7-33	13		
"	(20)	2 D	"	20		
"	(16)	3 E	"	16		
"	(11)	4 C	"	11		
Royal Fed.	(23)	1 P	19-7-33	11		
"	(3)	3 J	"	3		
"	(11)	5 N	"	11		
TOTAL	7			85		
GEROR, INC.						
Federal 19	(65)	1 O	19-17-33	65		
GRAFE, ADAM K., AGENT, & WIFE, OIL CORP.						
Atlantic Richfield Federal						
"		1 K	5-8-33	No C-116		

JORDAN OIL & REFINING CO.						
N.M.PM	SE.(10)	1 J	16-8-33	10		
"	(8)	2 O	"	8		
N.M.PM	SW.(7)	3 K	"	7		
"	(4)	5 M	"	4		
"	(6)	6 L	"	6		
TOTAL	5			45		
KNOWLS, TOM L.						
State B	(12)	1 P	31-7-33	12		
JENKINS DRAGGONS OIL CO., INC.						
Shell Fed.	(35)	1 K	22-7-32	35		
Saline Andrews						
"	(24)	1 J	22-7-32	24		
TOTAL	2			59		
KERR MCGEE CORP.						
State B	(12)	1 D	2-8-33	12		
"	(9)	2 C	"	9		
"	(17)	3 B	"	17		
"	(25)	4 F	"	25		
"	(46)	5 G	"	46		
"	(41)	6 E	"	41		
"	(16)	7 J	"	16		
"	(24)	8 I	"	24		
"	(21)	10 N	"	21		
"	(21)	11 M	"	21		
"	(14)	12 O	"	14		
"	(14)	13 P	"	14		
State AU	(15)	9 E	1-8-33	15		
State C	(4)	1 K	18-7-34	4		
Acreage factor 1.150						
"	(6)	2 M	"	5		
Acreage factor 1.150						
"	(3)	3 J	"	3		
"	(5)	4 O	"	5		
"	(5)	5 I	"	5		
"	(10)	6 P	"	10		
State X	(8)	1 J	25-7-33	8		
TOTAL	20			316		
MARATHON OIL CO.						
St. Sec. 35	(8)	1 L	35-7-33	8		
"	(8)	2 N	"	8		
"	(11)	3 F	"	11		
"	(11)	4 G	"	11		
"	(16)	5 M	"	16		
" 36	(6)	1 B	36-7-33	6		
TOTAL	6			60		
MIDWEST OIL CORP.						
Morgan Federal Tr. 1						
"	(11)	1 N	27-7-33	11		
"	(5)	2 O	"	5		
"	(11)	3 P	"	11		
"	(6)	4 K	"	6		
"	(5)	5 J	"	5		
"	(3)	6 I	"	3		
" Tr. 2	(6)	1 K	26-7-33	6		
"	(6)	2 L	"	6		
"	(9)	3 O	"	9		
"	(5)	4 D	"	5		
"	(7)	5 C	"	7		
"	(8)	6 B	"	8		
" Tr. 3-A	(6)	1 J	22-7-33	6		
"	(8)	2 I	"	8		
" Tr. 3-B	(5)	5 N	16-7-33	1		
"	(3)	6 N	"	3		
"	(3)	7 P	"	3		
"	(4)	8 O	"	4		
" Tr. 5	(2)	1 M	19-7-33	2		
"	(3)	2 K	"	3		
"	(3)	3 O	"	3		

MIDWEST OIL CORP. CONT'D

Morgan Federal Tr. 4						
"	(1)	4	F	13-7-33	1	**8000
"	(1)	6	J	"	1	**6000
"	(2)	7	K	"	2	**10500
"	(3)	8	L	"	3	**6667
TOTAL	25				128	

MONITOR PETROLEUM CORP.

Atlantic Federal						
"	(6)	1	N	24-7-32	5	**4833
"	(11)	2	M	"	10	**3636
"	(16)	3	I	23-7-32	15	**4188
"	(31)	4	J	"	18	**2387
Anderson St.	(9)	1	O	36-7-32	9	556
"	(6)	2	J	"	6	1333
"	(14)	3	M	"	14	TSTM
"	(6)	4	G	"	6	667
"	(14)	5	H	"	14	929
"	(11)	6	L	"	11	TSTM
"	(6)	7	C	"	6	500
"	(7)	8	B	"	7	1429
"	(7)	9	A	"	7	286
CWS	(26)	1	K	"	21	769
"	(17)	2	N	"	16	176
HSG	(10)	1	P	26-7-32	10	500
"	(12)	2	I	"	12	**3167
"	(3)	3	J	"	3	**3000
"	(8)	4	O	"	8	625
Humble Fed.	(12)	1	F	25-7-32	12	1833
"	(12)	2	E	"	10	**3167
"	(13)	3	H	26-7-32	10	1615
"	(8)	4	G	"	8	1625
"	(7)	6	A	"	7	**3286
"	(16)	7	D	25-7-32	16	1188
"	(12)	8	C	"	12	**3333
Hum. Tucker	(15)	1	N	"	15	400
"	(16)	2	K	"	16	813
"	(14)	3	L	"	11	786
"	(15)	4	M	"	10	267
KMS	(8)	1	F	36-7-32	8	875
"	(9)	2	I	"	9	1778
"	(12)	3	F	"	12	417
"	(15)	4	E	"	10	400
"	(16)	5	D	"	8	1750
Tucker Hall	(10)	1	O	25-7-32	10	400
"	(14)	2	J	"	14	1357
"	(18)	3	G	"	18	1333
"	(5)	4	B	"	5	600
"	(13)	5	A	"	8	1153
TOTAL	40				427	

READ & STEVENS, INC.

MWJ St.	(36)	1	A	2-8-32	36	834

RHONDA OPERATING CO.

C.H.Hale	(8)	1	B	11-8-33	8	950

SCHNEIDER, TOM

Hondo St.	(6)	1	A	31-7-33	6	30

SECO PRODUCTION CO.

Federal A	(16)	1	O	24-7-32	16	1825
"	(20)	2	P	"	20	1750
"	(35)	3	J	"	35	**2000
TOTAL	3				71	

SHELL OIL CO.

CV State	(14)	1	K	35-7-33	14	**5357
"	(72)	2	B	"	60	1819
"	(76)	3	I	"	55	1565
State CVB	(8)	1	F	31-8-33	8	TSTM
"	(9)	2	O	"	9	TSTM

SHELL OIL CO. CONT'D

State CVB	(10)	3	J	31-8-33	10	TSTM
TOTAL	6				156	

SKELLY OIL CO.

Hobbs "T" TB-1						
"	(11)	1	F	33-7-33	11	**3818
"	(8)	2	L	"	8	**3375
"	(9)	3	J	"	9	**3667
"	(6)	4	O	"	6	**4167
"	(15)	5	H	"	15	**3133
"	(43)	6	A	"	43	907
"	(37)	9	D	"	37	1865
" TB-2	(19)	7	L	34-7-33	19	**2789
"	(8)	8	J	34-7-33	8	**4125
"	(9)	10	G	"	9	**3889
"	(8)	12	I	"	8	**4250
"	(6)	13	N	"	6	**4333
"	(36)	14	J	35-7-33	36	1694
"	(25)	15	O	34-7-33	25	**2000
"	(13)	16	C	35-7-33	13	**3769
"	(29)	17	A	"	29	1414
"	(12)	18	O	"	12	**3500
"	(9)	19	P	"	9	**3889
Hobbs U	(22)	1	G	33-7-33	22	1682
"	(9)	2	B	"	9	1889
Hobbs W	(8)	1	B	30-7-34	8	1375
"	(11)	2	A	"	11	1091
"	(16)	3	G	"	16	938
"	(11)	4	H	"	11	1182
"	(10)	5	J	"	10	900
"	(14)	6	D	29-7-34	14	1143
"	(14)	7	E	"	14	857
"	(5)	8	C	"	5	1600
"		9	F	"	Input	
TOTAL	28				423	

SOUTHWESTERN NATURAL GAS INC.

Federal 24		1	G	24-7-32	No C-116	

SUN OIL CO.

J.McFarland	(6)	1	N	20-7-33	6	**4140
"	(15)	2	M	"	15	**5780
"	(4)	3	K	"	4	**5220
"		4	L	"	Input	
" A	(12)	1	O	"	12	279
"	(15)	2	P	"	15	**3790
"	(11)	3	J	"	11	**3100
"	(4)	4	I	"	4	**2620
N.M.AZ St.	(5)	1	E	33-7-33	5	**13600
"	(7)	2	K	"	7	**2060
"	(4)	3	C	"	4	**2760
"	(1)	4	M	"	1	**18000
"	(4)	5	D	"	4	**2200
"	(3)	6	N	"	3	**8050
"	(2)	7	I	"	2	**2650
"	(40)	8	E	34-7-33	40	750
"	(37)	9	F	"	37	1700
"	(2)	10	K	"	2	**29200
"	(19)	11Y	C	"	19	**4750
"	(6)	12	B	"	6	**3060
"	(8)	13	A	"	8	**3860
"	(2)	14	H	"	2	**9500
"	(3)	15	P	"	3	**3740
"	(17)	16	M	"	17	1590
N.M.X Fed.	(10)	1	A	10-8-33	10	230
"	(6)	2	H	"	6	555
"	(3)	3	B	"	3	410
"		5	G	"	Input	
State Tract C						
"	(20)	1	B	2-8-33	20	1959
"	(22)	2	A	"	22	1282
"	(33)	3	H	"	33	1078

CHAVEROO SAN ANDRES CONTINUED

SUN OIL CO. CONT'D						
State Tract C						
"	(8)	4	D	1-8-33	8	**2590
TOTAL	30				329	
TENNECO OIL CO.						
E.B.Burgland	(1)	1	H	14-7-33	1	**8000
Federal 21	(28)	1	M	21-7-33	28	1476
"	(11)	2	N	"	11	**2070
"	(11)	3	O	"	11	800
"	(71)	4	L	"	70	1013
Federal 21-A						
"	(22)	1	H	"	22	1680
Federal 22	(35)	1	B	22-7-33	35	600
"	(6)	2	N	"	6	525
"	(2)	3	M	"	2	TSTM
"	(3)	4	K	"	3	**2000
"	(6)	5	L	"	6	473
Federal 23	(9)	1	M	23-7-33	9	1987
"	(3)	2	N	"	3	TSTM
"	(9)	3	O	"	9	1190
"	(3)	4	P	"	3	1100
"	(3)	5	L	"	3	TSTM
"	(5)	7	J	"	5	1650
"	(7)	8	I	"	7	1700
"	(12)	9	H	"	12	1875
"	(12)	10	G	"	12	930
"		11	F	"	Input	
"	(9)	12	A	"	9	1312
"	(6)	13	B	"	5	1012
Federal 24	(23)	1	K	24-7-33	23	**2767
"	(5)	2	J	"	5	**3000
"	(2)	3	F	"	2	TSTM
"	(2)	5	H	"	2	**5500
"	(3)	6	C	"	3	TSTM
"	(6)	7	B	"	6	TSTM
"	(8)	8	A	"	8	**3650
Federal 26	(13)	1	M	26-7-33	13	675
"	(25)	2	L	"	25	**3030
"	(13)	3	K	"	13	**2150
"	(27)	4	N	"	27	**2170
"	(17)	5	J	"	17	**3000
"	(13)	6	O	"	13	**2410
"	(12)	7	I	"	12	**2985
"	(13)	8	P	"	13	TSTM
Federal 27	(8)	1	H	27-7-33	8	**3128
"	(10)	2	G	"	10	**3670
"	(5)	3	A	"	5	**3567
State V	(12)	1	C	30-7-33	12	750
Acreage factor 1.150						
"	(21)	2	F	"	21	1350
Acreage factor 1.150						
"	(7)	4	I	"	7	1175
TOTAL	43				518	
WESTERN STATES PRODUCING CO.						
Arco St.	(28)	1	G	4-8-33	28	1660
Champlin St.	(26)	1	B	"	26	1545
TOTAL	2				54	
WIL-Mc OIL CORP.						
A.Davis	(41)	1	C	9-8-33	41	TSTM
WISER OIL COMPANY						
State I	(12)	1	D	4-8-33	12	1667
"	(5)	2	E	"	5	1500
"	(7)	3	K	"	7	1714
I State A	(6)	1	A	6-8-33	6	1250
"	(8)	2	B	"	8	1125
State J	(10)	1	B	25-7-33	10	1800
"	(8)	2	G	"	8	1625
"	(7)	3	A	"	7	1714
"	(2)	4	P	"	2	1500
State K	(11)	1	D	36-7-33	11	1818

WISER OIL CO. CONT'D						
State K	(15)	2	E	36-7-33	15	1920
"	(29)	3	C	"	29	**2103
"	(10)	4	L	"	10	1970
"	(17)	5	M	"	17	**2147
"	(9)	6	F	"	9	1944
"	(6)	7	K	"	6	**2000
TOTAL	16				162	
POOL TOTAL	381				4632	

CHAVEROO SAN ANDRES NORTHEAST

Top Allowable 70 GOR Limit 2,000

CLINTON OIL CO.						
Brown A	(4)	1	L	4-7-34	4	TSTM
"	(1)	2	P	6-7-34	1	**9000
POOL TOTAL	2				5	

CLINE DRINKARD-ABO

Top Allowable 124 GOR Limit 2,000

IMPERIAL AMERICAN MANAGEMENT CO.						
Flat C Sharp						
"	(74)	1	H	11-23-37	35	**3783
Lineberry	(19)	1	I	"	12	1215
"	(20)	2	J	"	20	150
POOL TOTAL	3				67	

CORBIN ABO

Top Allowable 210 GOR Limit 2,000

AMOCO PROD. CO.						
State CF	(35)	1	D	1-18-33	35	1432
"	(8)	2	E	"	8	**4625
TOTAL	2				43	
CITIES SERVICE OIL CO.						
Cockburn A State						
"	(10)	4	B	32-17-33	10	**2140
Fed.MA A	(65)	1	C	31-17-33	50	**3215
Fee MA B	(35)	2	B	"	30	*14057
"	(34)	3	A	"	34	**7204
Gifford A State						
"	(52)	1	I	32-17-33	50	**2634
Ohio C St.	(22)	1	H	"	22	**4652
State CB	(13)	2	G	"	13	923
State CL	(34)	1	C	2-18-33	34	690
"	(2)	3	D	"	2	**5365
"	(31)	4	A	"	31	1237
"	(12)	5	H	"	12	1436
State CM	(18)	2	B	"	18	**4000
Wyatt A Federal						
"	(52)	8	O	34-17-33	45	672
"	(35)	9	P	"	35	657
Wyatt B Federal						
"	(33)	1	P	33-17-33	33	970
"	(55)	3	M	34-17-33	35	1182
"	(57)	4	N	"	35	1035
TOTAL	17				489	
CLINTON OIL CO.						
Denius Federal						
"	(222)	1	I	33-17-33	190	1635
"	(99)	2	J	"	60	1212
"	(11)	3	K	"	11	1818
"	(134)	4	L	34-17-33	120	1455
"	(247)	5	K	"	200	1178
"	(37)	6	L	33-17-33	37	1837
"	(197)	7	J	34-17-33	150	1624
"	(11)	8	I	33-17-33	11	**2000
TOTAL	8				779	
GULF OIL CORP.						
Lea KG St.	(40)	1	O	35-17-33	40	**4475

CORBIN ABO CONTINUED

PHILLIPS PETROLEUM CO.

Billiams	(73)	1	H	33-17-33	73	983
"	(88)	2	G	"	88	1988
"	(43)	3	E	34-17-33	43	**2338
"	(39)	4	F	33-17-33	39	1921
"	(48)	6	E	"	48	**2122
TOTAL		5			291	

UNION OIL CO. OF CALIFORNIA

State	(24)	1	M	35-17-33	24	375
"	(24)	2	N	"	24	383
"	(90)	3	L	"	90	**2689
TOTAL		3			138	
POOL TOTAL		36			1780	

CORBIN QUEEN

Top Allowable 70 No GOR Limit

AMOCO PROD. CO.

Conoco Fed.	(14)	1	K	6-18-33	4	

BTA OIL PRODUCERS

Cockburn Magnolia State						
"	(4)	1	A	16-18-33	1	

CITIES SERVICE OIL CO.

Corbin A	(5)	1	A	4-18-33	4	
State B2	(8)	3	I	32-17-33	6	
Wyatt A Federal						
"	(2)	1	P	33-17-33	2	
"	(5)	2	M	34-17-33	3	
"	(14)	6	E	5-18-33	7	
TOTAL		5			22	

CONTINENTAL OIL CO.

Corbin		3	F	10-18-33	Gas Well	

DENIUS, H. R. ET AL

Cockb.Fed.	(5)	1	I	33-17-33	4	
"	(13)	4	K	34-17-33	4	
"	(6)	6	J	"	4	
Wy.Phil.	(2)	6-11	E	"	2	
"	(6)	7	F	"	6	
"	(4)	9	C	"	2	
TOTAL		7			22	

PENROSE PRODUCTION CO.

Williams	(10)	2	J	6-18-33	10	
POOL TOTAL		15			59	

CORBIN QUEEN SOUTH

Top Allowable 70 No GOR Limit

TEXO OIL CO.

Buffalo Unit						
"	(34)	7	B	34-18-33	12	
"	(22)	8	H	"	8	
"	(36)	10	A	"	10	
"	(7)	13	G	"	4	
POOL TOTAL		4			34	

CORBIN STRAWN SOUTH

Top Allowable 473 GOR Limit 2,000

AZTEC OIL & GAS CO.

Federal MA	(24)	1	G	27-18-33	24	**9166

CORBIN WOLFCAMP EAST

Top Allowable 327 GOR Limit 2,000

PHILLIPS PETROLEUM CO.

Lea	(9)	23	P	30-17-34	9	790

CORBIN WOLFCAMP SOUTH

Top Allowable 397 GOR Limit 2,000

AZTEC OIL & GAS CO.

Federal MA	(4)	2	I	21-18-33	4	TSTM

PENNZOIL UNITED, INC.

Hudson 29 Federal						
"	(3)	1	B	29-18-33	3	**21014
POOL TOTAL		2			7	

CORBIN YATES

Top Allowable 70 No GOR Limit

DENIUS, H. R. ET AL

Corbin Fed.	(5)	5	I	9-18-33	1	
"	(2)	4	J	"	1	
POOL TOTAL		2			2	

CROSSROADS ATOKA WEST

Top Allowable 397 GOR Limit 2,000

UNION OIL CO. OF CALIFORNIA

Lea M St.	(20)	1	A	6-10-36	20	**9700

CROSSROADS SILURO DEVONIAN

Top Allowable 473 No GOR Limit

MOBIL OIL CORP.

S.F.Pac.	(656)	1	E	26-9-36	473	
"	(385)	2	C	"	385	
"	(504)	5	O	22-9-36	473	
"	(222)	6	I	"	222	
"	(244)	7	M	23-9-36	244	
"	(73)	8	K	"	73	
"	(64)	9	E	35-9-36	64	
TOTAL		7			1934	

OIL DEVELOPMENT CO. OF TEXAS

S.F.Pac. 27	(320)	2	F	27-9-36	320	
" 26	(30)	1	G	26-9-36	30	
"	(14)	2	A	"	7	
TOTAL		3			357	

SUN OIL CO.

Saw.U.D.	(487)	2	I	27-9-36	473	
"	(444)	3	G	"	444	
"	(448)	4	A	"	448	
"	(471)	6	O	"	471	
Dessie Sawyer						
"	(410)	2	K	"	410	
TOTAL		5			2246	

TEXACO INC.

Saw.U.D.	(360)	1	A	34-9-36	360	
"	(260)	2	G	"	260	
"	(440)	5	B	"	440	
TOTAL		3			1060	
POOL TOTAL		18			5597	

CROSSROADS DEVONIAN EAST

Top Allowable 473 No GOR Limit

LONE STAR PRODUCING CO.

Santa Fe	(140)	1	C	30-9-37	140	
"	(35)	2	O	19-9-37	35	
POOL TOTAL		2			175	

CROSSROADS DEVONIAN SOUTH

(80 Acre Spacing)

Top Allowable 543 No GOR Limit

LOWE, RALPH

C.Dev.Ut.	(78)	2	B	21-10-36	78	
T.F.St.A	(115)	1	M	15-10-36	115	
TOTAL		2			193	

MIDLAND PRODUCTION CORP.

State 10	(70)	1	F	10-10-36	70	

TEXAS PACIFIC OIL CO., INC.

State AC	(23)	1	N	15-10-36	23	
POOL TOTAL		4			286	

CROSSROADS DEVONIAN WEST
Top Allowable 473 No GOR Limit
UNION OIL CO. OF CALIFORNIA
Federal D(160) 1 P 31-9-36 160
Lea M St.(20) 1 A 6-10-36 20

POOL TOTAL 2 180

CROSSROADS SAN ANDRES
Top Allowable 70 GOR Limit 2,000
COASTAL STATES GAS PRODUCING CO.
Locker (7) 1 H 25-9-35 7 TSIM

CRUZ DELAWARE
Top Allowable 94 No GOR Limit
CONTINENTAL OIL CO.
Fields (11) 1 P 24-23-32 11
Marshall(21) 1 M 19-23-33 10
Acreage factor .950
" (21) 2 K " 12
" (30) 4 L " 28
Acreage factor .950

TOTAL 4 61
JOHNSON, H. L., JR.
Fields (12) 1 I 24-23-32 No C-115

POOL TOTAL 4 61

D-K ABO
Top Allowable 164 No GOR Limit
MARK PRODUCTION CO.
Conoco Fed.(99) 1 J 30-20-39 99
Wilshire Federal
" (19) 1 F " 19
" (40) 2 K " 40

TOTAL 3 158
TEXAS CRUDE OIL CO.
Federal (9) 12 E 30-20-39 9

POOL TOTAL 4 167

D-K DRINKARD
Top Allowable 124 GOR Limit 10,000
DANIEL deG STRONG
Carter 1-30(22) 1 C 30-20-39 22 7015

MARK PRODUCTION CO.
Ralph Estate
" (15) 1 A 30-20-39 10 7133

TEXAS CRUDE OIL CO.
Federal (7) 12 E 30-20-39 7 **12150

POOL TOTAL 3 39

DEAN DEVONIAN
Top Allowable 560 No GOR Limit
ATLANTIC RICHFIELD CO.
J.P.Dean(36) 1 N 35-15-36 30
State 396(35) 1 K " 20
" (22) 3 G " 15

POOL TOTAL 3 65

DEAN PERMO PENN
(80 Acre Spacing)
Top Allowable 467 No GOR Limit
ATLANTIC RICHFIELD CO.
Dow Fed.Com(54) 1 C 5-16-37 54
Acreage factor 1.149
State 758(10) 1 D 36-15-36 8
St.Lea 396(18) 2 F 35-15-36 15

TOTAL 3 77
GULF OIL CORP.
Lea GJ St.(22) 1 H 36-15-36 22
Lea HQ St.(22) 1 M 25-15-36 18

TOTAL 2 40 (24)

HUMBLE OIL & REFINING CO.
N.M.AJ St.(76) 1 O 26-15-36 50
N.M.AP St.(22) 1 E 36-15-36 17

TOTAL 2 67

POOL TOTAL 7 184

DENTON DEVONIAN
Top Allowable 397 GOR Limit 2,000
ATLANTIC RICHFIELD CO.
B.C.Dick D(40) 3 E 35-14-37 40 875
" (35) 4 F " 35 1543
" (30) 5 C " 30 1033
" A-1 (27) 2 L 1-15-37 27 741
Jones Fed.(30) 1 M 35-14-37 30 1600
W.T.Mann B(54) 4 J 36-14-37 54 1074
T.D.Pope(29) 1 M " 29 1965
" (32) 2 N " 32 1438
" (37) 4 L " 37 1649
" (10) 5 E " 10 **3700
" (27) 7 K " 27 259
" (110) 8 F " 110 655
" (28) 9 C " 28 1500
State T(135) 1 N 2-15-37 125 629
" (60) 2 F " 60 1600
" (65) 3 K " 65 1153
" (25) 4 M " 25 1840
L.Whit.A(56) 1 G 26-14-37 56 339
" 2 B " S.I.
" (10) 5 A " 10 1300

TOTAL 19 830
GULF OIL CORP.
L.R.Chamb.(35) 1 B 14-15-37 35 654
Lea G St.(40) 1 J 2-15-37 25 110
" (212) 2D O " 170 365
" (36) 3 I " 36 511
" (200) 4 P " 185 344
W. A. Simpson et al
" (78) 2 P 3-15-37 78 803

TOTAL 6 529
MARATHON OIL CO.
J.M.Denton(282) 3J 11-15-37 282 1225
" (50) 4 K " 50 **4224
" (140) 6 P " 100 709
" (309) 7 I " 309 693

TOTAL 4 741
McALESTER FUEL CO.
P.H.McCl.A(108) 1G 14-15-37 98 1328
" B (6) 1 J " 6 1680
" C (19) 1 A " 19 783
State A (83) 1 H 2-15-37 70 1051

TOTAL 4 193
MOBIL OIL CORP.
T.D.Pope(150) 3 P 35-14-37 100 973
" (80) 5 G " 80 1096
" (13) 6 J 26-14-37 13 **3838
" (20) 7 J 35-14-37 20 1076
" (160) 9 N 26-14-37 125 **2044
" (37) 10 P " 37 684
" (28) 12 K " 28 **8692
" (120) 13 B 35-14-37 100 1150
" (45) 14 O 26-14-37 45 1614
" (35) 16 L " 35 896
" (95) 20 I 35-14-37 75 764
" (18) 21 A " 18 745
" (120) 23 H " 115 1216

TOTAL 13 791
PHILLIPS PETROLEUM COMPANY
Denton (332) 1 F 11-15-37 270 566
" (126) 2 H " 115 526

PHILLIPS PETROLEUM COMPANY CONT'D						
Denton	(73)	3A	B	11-15-37	73	641
"	(111)	6	C	"	100	506
"	(153)	7	G	11-15-37	125	597
"	(206)	9	A	"	175	586
"	(78)	13	D	"	78	457
TOTAL		7			936	
SHELL OIL CO.						
Argo	(35)	2	H	3-15-37	35	TSTM
Buck A	(66)	1	M	25-14-37	40	"
"	(30)	3	L	"	30	"
"	(35)	4	N	"	35	"
Buck B	(40)	1	E	"	40	"
"	(25)	2	D	"	25	"
"	(30)	4	F	"	30	"
Pac.Roy.	(14)	1	A	10-15-37	14	"
Priest	(51)	1	E	1-15-37	51	"
"	(92)	2	D	"	92	"
"	(31)	3	C	"	31	"
Shelton	(155)	1	F	26-14-37	135	"
"	(43)	4	E	"	45	"
"	(30)	6	D	"	30	"
State A	(54)	1	L	2-15-37	54	"
TOTAL		15			687	
SKELLY OIL CO.						
Mex. F	(35)	1	C	2-15-37	35	829
"	(5)	2	G	"	5	1400
"	(28)	3	E	"	28	607
"	(6)	4	D	"	6	1167
Acreage factor .975						
"	(24)	5	B	"	24	750
"	(48)	10	A	"	48	542
TOTAL		6			146	
POOL TOTAL		74			4853	

DENTON DEVONIAN SOUTH

Top Allowable 560 GOR Limit 2,000

SIGNAL OIL & GAS CO.						
State SDA	(35)	1	M	36-15-37	35	603
SIGNAL OIL & STANDARD OIL CO. OF TEXAS						
Kelly St.	(150)	1	P	3-15-37	125	1920
POOL TOTAL		2			160	

DENTON WOLFCAMP

Top Allowable 264 GOR Limit 2,000

ARWOOD, INC.						
Buckley	(18)	1	N	25-14-37	No C-115	
ATLANTIC RICHFIELD CO.						
B.C.Dick B	(1)	1	L	12-15-37	1	TSTM
"		4	E	"	No C-116	
" A-1	(18)	1	L	1-15-37	18	1667
State T	(25)	5	K	2-15-37	25	520
"	(34)	6	F	"	34	206
"	(48)	7	N	"	48	292
"	(67)	8	M	"	67	313
TOTAL		6			193	
GULF OIL CORP.						
L.R.Chamb.	(49)	2	C	14-15-37	49	TSTM
"	(30)	3	F	"	30	"
"	(30)	4	K	"	30	"
"	(36)	5	B	"	36	"
Lea G St.	(36)	5	I	2-15-37	36	167
"	(42)	7	P	"	42	149
"	(40)	8	O	"	40	144
W. A. Simpson et al						
"	(20)	4	I	3-15-36	20	TSTM
"	(18)	5	P	"	18	83
TOTAL		9			301	

MARATHON OIL CO.						
J.M.Denton	(61)	1	K	11-15-37	61	583
"	(21)	2	I	"	21	954
"	(36)	8	J	"	36	456
"	(17)	11	P	"	17	437
"	(120)	12	N	"	120	364
TOTAL		5			255	
McALESTER FUEL CO.						
J. M. Denton A						
"	(124)	2	O	11-15-37	120	394
F.H.McCl.A	(25)	2	G	14-15-37	25	809
" B	(47)	2	J	"	47	320
State A	(22)	2	H	2-15-37	22	388
TOTAL		4			214	
MOBIL OIL CORP.						
Denton North Wolfcamp Unit						
Tr. 1	(35)	3	M	35-14-37	35	210
"	(82)	4	P	34-14-37	82	1577
Tr. 6	(34)	11	P	35-14-37	34	1285
Tr. 7	(45)	3	M	36-14-37	45	127
TOTAL		4			196	
MOBIL OIL CORP.						
Project (41 Units)						
Denton North Wolfcamp Unit						
Tr. 2		3	I	34-14-37	50	
Tr. 4		1	D	35-14-37	10	
Tr. 5		8	L	"	12	
"		9	C	"	15	
"		12	E	"	7	
Tr. 6		8	M	26-14-37	14	
"		15	J	"	40	
"		19	K	"	7	
"		22	B	35-14-37	5	
"		25	O	26-14-37	35	
"		26	J	35-14-37	5	
"		28	I	26-14-37	33	
"		29	A	35-14-37	23	
"		31	L	26-14-37	30	
Tr. 7		3	M	36-14-37	45	
"		11	D	"	21	
"		13	C	"	8	
Tr. 8		5	B	"	27	
Tr. 9		6	J	"	12	
Tr. 12		5	K	25-14-37	9	
Tr. 13		4	I	27-14-37	70	
Tr. 14		2	C	26-14-37	10	
"		5	E	"	105	
"		7	D	"	10	
Tr. 15		3	G	"	110	
Tr. 16		3	E	25-14-37	25	
Tr. 19		9	O	23-14-37	134	
Tr. 2		1	H	34-14-37	Input	
Tr. 5		11	F	35-14-37	"	
Tr. 6		18	N	26-14-37	"	
"		24	P	"	"	
"		27	G	35-14-37	"	
"		30	H	"	"	
Tr. 7		10	E	36-14-37	"	
Tr. 8		3	G	"	"	
Tr. 10		1	O	25-14-37	"	
"		2	J	"	"	
Tr. 12		2	M	"	"	
Tr. 13		2	P	27-14-37	"	
"		6	H	"	"	
Tr. 14		3	F	26-14-37	"	
Tr. 15		6	H	"	"	
Tr. 17		1	G	25-14-37	"	
Tr. 18		1	N	23-14-37	"	
TOTAL		27			872	

DENTON WOLFCAMP CONTINUED

PHILLIPS PETROLEUM COMPANY

Denton	(11)	4	G	11-15-37	11	285
"	(1)	5	A	"	1	**10925
"	(121)	8	F	"	118	76
"	(15)	10	H	"	15	150
"	(31)	11	B	"	31	440
"	(10)	14	C	"	10	**2255
"	(87)	15	D	"	87	257
"	(157)	16	E	"	130	245
TOTAL		8			403	

SHELL OIL CO.

Pac.Roy	(12)	3	A	10-15-37	12	TSTM
"	(36)	5	H	"	36	"
Priest	(17)	4	D	1-15-37	17	"
State A	(22)	2	L	2-15-37	22	"
TOTAL		4			87	

SKELLY OIL CO.

Mex. F	(3)	6	C	2-15-37	3	1000
"	(3)	8	D	"	3	1333
Acreage factor .975						
"	(7)	9	E	"	7	429
"	(4)	12	A	"	4	750
TOTAL		4			17	
POOL TOTAL		71			2538	

DENTON WOLFCAMP SOUTH

Top Allowable 264 No GOR Limit

MOBIL OIL CORP.

N.M. M	(40)	1	L	26-15-37	40	

EAST DICKINSON DEVONIAN

Top Allowable 397 GOR Limit 2,000

INGRAM, TOM L.

Granny	(35)	1	O	1-11-36	35	**2000

DICKINSON PENN

Top Allowable 397 GOR Limit 2,000

INGRAM, TOM L.

Cryer	(4)	1	L	34-10-36	4	**4000

DOGIE DRAW WOLFCAMP

Top Allowable 560 GOR Limit 2,000

SOUTHLAND ROYALTY CO.

Gulf Fed.	(25)	1	D	20-25-35	25	1840

DOLLARHIDE DEVONIAN

Top Allowable 100 No GOR Limit

ELLIOTT OIL CO.

Ell.H Fed.		1	H	31-24-38	No G-116	

GULF OIL CORP.

Project (126 x 18 Units + 135 AF)

West Dollarhide Devonian Unit

"	100	C	33-24-38	90	
Acreage factor 1.175					
"	102	E	"	314	
"	104	I	32-24-38	10	
"	106	K	"	4	
Acreage factor 1.175					
"	108	M	32-24-38	T.A.	
"	110	B	5-25-38	22	
"	111	A	"	50	
"	113	C	4-25-38	230	
Acreage factor 1.200					
"	115	F	"	74	
"	116	I	5-25-38	T.A.	
"	101	F	33-24-38	Input	
Acreage factor 1.175					
"	103	H	32-24-38	"	
"	105	L	33-24-38	"	

GULF OIL CORP. CONT'D

West Dollarhide Devonian Unit

"	107	N	33-24-38	Input
Acreage factor 1.175				
"	109	P	32-24-38	"
"	112	D	4-25-38	"
"	114	F	"	"
Acreage factor 1.175				
"	117	I	"	"
POOL TOTAL	8			794

DOLLARHIDE ELLENBURGER

Top Allowable 327 No GOR Limit

SKELLY OIL CO.

Mex. J	(9)	4	N	32-24-38	9
Mex. L	(8)	1	A	5-25-38	8
"	(42)	3	B	"	42
"	(48)	4	C	"	48
POOL TOTAL	4				107

DOLLARHIDE FUSSELMAN

Top Allowable 210 No GOR Limit

SKELLY OIL CO.

Mex. J	(18)	1	P	32-24-38	18
"	(32)	5	L	"	32
"	(67)	17	N	"	67
"	(41)	23	O	"	41
Mex. L	(66)	11	C	5-25-38	66
"	(62)	23	A	"	62
"	(64)	24	B	"	64
POOL TOTAL	7				350

DOLLARHIDE QUEEN

Top Allowable 70 No GOR Limit

ATLANTIC RICHFIELD CO.

McCl. B	(3)	19	J	19-24-38	2
"	(3)	20	G	"	2
TOTAL	2				4

SKELLY OIL COMPANY

Project (63 Units)

West Dollarhide Queen Sand Unit

"	2	N	19-24-38	5
"	6	B	30-24-38	2
"	8	H	"	8
"	10	F	"	3
"	12	L	"	2
"	14	J	"	16
"	16	L	29-24-38	30
"	18	P	30-24-38	2
"	20	N	"	15
"	22	D	21-24-38	10
"	24	B	"	10
"	26	D	32-24-38	10
"	29	F	"	7
"	30	E	"	66
"	31	H	31-24-38	16
"	33	F	"	70
"	35	J	"	20
"	36	I	"	30
"	37	L	32-24-38	20
"	39	J	"	26
"	40	I	"	2
"	41	M	33-24-38	2
"	43	O	32-24-38	3
"	45	M	"	2
"	47	O	31-24-38	3
"	49	A	6-25-38	6
"	50	D	5-25-38	2
"	51	C	"	2
"	53	A	"	6
"	55	E	4-25-38	2
"	57	G	5-25-38	2
"	58	F	"	2

DOLLARHIDE QUEEN CONTINUED

SKELLY OIL COMPANY CONT'D
West Dollarhide Queen Sand Unit

"	61	L	5-25-38	6
"	63	J	"	2
"	64	I	"	2
"	1	O	19-24-38	Input
"	3	M	"	"
"	5	C	30-24-38	"
"	7	E	29-24-38	"
"	9	G	30-24-38	"
"	11	E	"	"
"	13	K	"	"
"	15	I	"	"
"	17	M	29-24-38	"
"	19	O	30-24-38	"
"	21	M	"	"
"	23	C	31-24-38	"
"	25	A	"	"
"	27	C	32-24-38	"
"	28	G	"	"
"	32	G	31-24-38	"
"	34	K	"	"
"	38	K	32-24-38	"
"	42	P	"	"
"	44	N	"	"
"	46	P	31-24-38	"
"	48	B	6-25-38	"
"	52	B	5-25-38	"
"	54	D	4-25-38	"
"	56	H	5-25-38	"
"	59	E	"	"
"	60	H	"	"
"	62	K	"	"
TOTAL	35			412

TEXACO INC.

Byers (6)	1	L	19-24-38	3
Stev.Est.(6)	1	C	"	4
" (16)	2	D	"	4
U.Roy.A (6)	3	F	"	3
" (14)	4	K	"	3
TOTAL	5			17
POOL TOTAL	42			433

DOLLARHIDE TUBB DRINKARD

Top Allowable 91 GOR Limit 2,000

SKELLY OIL CO.
West Dollarhide Drinkard Unit

"	2	C	19-24-38	36
"	4	E	"	8
"	6	G	"	12
"	8	K	"	12
"	11	O	"	11
"	13	M	20-24-38	12
"	15	A	30-24-38	16
"	17	C	"	7
"	19	G	"	15
"	21	E	29-24-38	34
"	23	G	29-24-38	9
"	24	I	"	15
"	26	K	"	9
"	28	I	30-24-38	10
"	30	K	"	9
"	32	O	"	9
"	34	M	29-24-38	8
"	36	O	"	10
"	38	M	28-24-38	19
"	40	C	33-24-38	11

Acreage factor 1.175

"	42	A	32-24-38	21
"	44	C	"	10
"	46	A	31-24-38	118
"	48	C	"	3

SKELLY OIL CO. CONT'D
West Dollarhide Drinkard Unit

"	50	G	31-24-38	6
"	52	E	32-24-38	10
"	54	G	"	14
"	56	E	33-24-38	69
"	58	K	"	1
"	60	I	32-24-38	15
"	62	K	"	59
"	64	I	31-24-38	8
"	66	K	"	5
"	68	M	32-24-38	22
"	70	O	"	18
"	72	M	33-24-38	20
"	74	C	4-25-38	69

Acreage factor 1.200

"	76	A	5-25-38	12
"	78	C	"	14
"	80	A	6-24-38	4
"	81	E	5-25-38	8
"	83	G	"	9
"	85	E	4-25-38	5
"	87	I	5-25-38	4
"	1	B	19-24-38	Input
"	3	D	"	"
"	5	F	"	"
"	7	J	"	"
"	9	L	"	"
"	10	N	"	"
"	12	P	"	"
"	14	D	29-24-38	"
"	16	B	30-24-38	"
"	18	F	"	"
"	20	H	"	"
"	22	F	29-24-38	"
"	25	J	"	"
"	27	L	"	"
"	29	J	30-24-38	"
"	31	N	"	"
"	33	P	"	"
"	35	N	29-24-38	"
"	37	P	"	"
"	39	N	28-24-38	"

Acreage factor 1.175

"	41	D	33-24-38	"
"	43	B	32-24-38	"
"	45	D	"	T.A.
"	47	B	31-24-38	Input
"	49	F	"	"
"	51	H	"	"
"	53	F	32-24-38	"
"	55	H	"	"
"	57	F	33-24-38	"

Acreage factor 1.175

"	59	L	33-24-38	"
"	61	J	32-24-38	"
"	63	L	"	"
"	65	J	31-24-38	"
"	67	P	"	"
"	69	N	32-24-38	"
"	71	P	"	"
"	73	N	33-24-38	"

Acreage factor 1.175

"	75	D	4-25-38	"
"	77	B	5-25-38	T.A.
"	79	D	"	Input
"	82	F	"	T.A.
"	84	H	"	Input
"	86	F	4-25-38	"

Acreage factor 1.175

POOL TOTAL 44 796

DOUBLE A ABO SOUTH
Top Allowable 264 No GOR Limit

HOLDER, A. C.						
LSA	(40)	1	G	30-17-36	30	

LOWER DOUBLE A ABO
Top Allowable 264 No GOR Limit

SUN OIL CO.						
N.M.X St.	(65)	1	B	20-17-36	65	
"	(23)	2	G	"	23	
POOL TOTAL	2				88	

UPPER DOUBLE A ABO
Top Allowable 264 No GOR Limit

AZTEC OIL & GAS CO.						
State VA	(94)	1	H	20-17-36	40	

DOUBLE L QUEEN
Top Allowable 70 GOR Limit 2,000

AMOCO PROD. CO.						
Lusk A	(86)	1	B	6-15-30	37	616
"	(103)	2	G	"	46	542
"	(17)	3	A	"	15	941
TOTAL	3				98	
DALFORT OIL CORP.						
Amco Fed.	(84)	1	L	31-14-30	50	164
"	(25)	2	E	"	25	210
"	(85)	3	M	"	45	245
Acreage factor .975						
"	(85)	4	N	"	50	183
"	(85)	5	K	"	50	290
TOTAL	5				220	
HUMBLE OIL & REFINING CO.						
DeSmet Fed.	(75)	1	L	6-15-30	55	933
Acreage factor .975						
Florene B. Lusk						
"	(85)	1	D	"	64	*2118
Acreage factor .975						
"	(85)	2	E	"	68	1212
Acreage factor .975						
"	(72)	3	C	"	60	861
"	(42)	4	F	"	16	810
Hesse Fed.	(72)	2	E	7-15-30	46	347
TOTAL	6				309	
McCLELLAN, JACK L.						
Elyse Fed.	(85)	1	O	31-14-30	70	1000
"	(31)	2	J	"	31	406
Marion Fed.	(10)	1	C	7-15-30	10	1000
Mary Jane Federal						
"	(65)	1	L	7-15-30	65	407
"	(80)	2	M	"	70	500
Sue Fed.	(15)	1	N	6-15-30	15	1800
"	(72)	2	K	"	70	660
TOTAL	7				331	
POOL TOTAL	21				958	

DOUBLE X DELAWARE
Top Allowable 70 GOR Limit 2,000

CONTINENTAL OIL CO.						
Wimberly	(8)	1	G	11-24-32	8	375
GRAHAM, BILL J.						
Bradley	(8)	1	J	22-24-32	8	1825
"	(2)	2	H	"	2	**9200
"	(6)	3	A	"	6	**6850
Gulf Hanagan Federal						
"	(8)	1	P	11-24-32	8	1375
"	(9)	2	O	"	9	**2233
U.S.Smelting						
"	(10)	1	B	22-24-32	10	**4650
"	(12)	4	G	"	12	1600
GRAHAM, BILL, J. CONT'D						
U.S.Smelting						
"	(25)	3	I	22-24-32	25	720
TOTAL	8				80	
TENNECO OIL CO.						
Ernest Fed.	(24)	1	D	23-24-32	24	**3890
Jennings	(13)	1	C	14-24-32	13	900
"	(20)	2	N	"	20	1150
TOTAL	3				57	
WEST TEXAS WELL SERVICE						
Han. B	(11)	1	O	15-24-32	11	818
"	(10)	2	P	"	10	1200
" D	(6)	2	J	11-24-32	6	667
"	(4)	4	F	"	4	TSTM
TOTAL	4				31	
POOL TOTAL	16				176	

DRINKARD
Top Allowable 124 GOR Limit 2,000

ACOMA OIL CORP.						
S.J.Sarkeys A						
"	(9)	1	A	26-21-37	9	**12720
AMERADA DIVISION-AMERADA HESS CORP.						
A.B.Baker	(4)	4	P	10-22-37	4	1539
H.Corr.	(3)	4	A	4-22-37	3	**7906
"		5	G	"	Gas Well	
"	(8)	8	B	"	8	**14512
"	(5)	10	H	"	5	**6886
J.G.Randle	(6)	1	G	20-21-37	5	*47482
State DA	(5)	1	L	16-21-37	5	**5951
"	(11)	2	K	"	6	*43835
"	(3)	3	J	"	3	*82602
"	(7)	4	I	"	4	*68739
State DC	(8)	1	F	19-21-37	8	**18019
"	(8)	2	E	"	5	*52862
Acreage factor .925						
E.W.Walden	(2)	2	K	15-22-37	2	**12067
"	(7)	4	L	"	5	*46000
"	(3)	6	M	"	3	**9880
"	(2)	7	N	"	2	**8173
L.G.Warl.	(4)	1	H	19-21-37	4	1136
"	(17)	2	G	"	17	**9794
" A	(4)	1	I	19-21-37	4	**2870
"	(9)	2	J	"	9	**7666
E.Wood	(8)	8	B	22-22-37	8	**27138
"	(1)	9	G	"	1	**4134
"	(8)	10	H	"	8	*31630
TOTAL	22				119	
AMERICAN PETROFINA CO. OF TEXAS						
E.Butler		2	E	18-22-38	No C-116	
"		3	N	"	"	
"		4	K	"	"	
AMOCO PROD. CO.						
Grizzell	(3)	1	N	5-22-37	3	**69429
Pike Fed.	(6)	1	A	6-23-38	6	**8436
So.Roy.A	(7)	1	G	9-21-38	7	**10621
"	(8)	2	B	"	8	**25421
"	(15)	3	V	"	15	**3382
"	(3)	4	X	"	3	**4233
"	(5)	5	Q	"	5	**8220
"	(6)	7	A	"	6	**2698
"	(7)	8	W	4-21-37	7	**11909
St.C Tr.12	(5)	3	E	16-21-37	5	**14237
"	(5)	4	F	"	3	*76500
"	(6)	6Y	C	"	6	**14309
"	(5)	7	D	"	5	**14092
St.C Tr. 13	(6)	9	F	36-21-37	6	**16739
State CK	(14)	1	N	19-21-37	14	*18036

DKINKARD CONTINUED

AMOCO PROD. CO. CONT'D						
State CK(26)	2	K	19-21-37	26		461
State S (12)	1	C	32-22-38	12		**8055
TOTAL	17			137		
ATLANTIC RICHFIELD CO.						
Roy Barton(14)	2	B	23-21-37	14		**3929
" (8)	4	G	"	8		**12500
Brunson(8)	1	J	4-22-37	8		**4875
" (2)	8	L	"	2		**4500
Cone A (8)	1	M	26-21-37	4		*61625
" (4)	2	L	"	4		**10000
J.R.Cone B(15)	2	O	"	15		*16600
Sarkeys(9)	2	O	23-21-37	4		*67778
" (18)	3	I	"	18		**4666
" (20)	4	F	"	20		**8270
" (5)	6	J	"	5		**10400
State 167(12)	1	M	36-21-37	6		*44583
" (8)	2	L	"	8		*32500
Turn.W.H.(31)	3	K	29-21-37	31		645
A.M.York A(24)	1	H	20-21-37	17		*14750
York B (28)	2	A	"	28		**7214
TOTAL	16			192		
AZTEC OIL & GAS CO.						
Gutman (5)	2	L	11-21-37	5		**8100
State (6)	1	M	2-21-37	6		**13200
" (4)	2	E	"	4		**8600
State B (5)	1	I	36-22-37	1		*17500
TOTAL	4			16		
CAMPBELL & REDRICK						
Christmas(9)	1	J	17-22-37	9		**25933
W.E.Lee (7)	2	B	20-21-37	7		**9164
" (3)	3	C	"	3		**5800
Weatherly(11)	1	B	17-21-37	11		**7828
TOTAL	4			30		
CARTER FOUNDATION PRODUCTION CO.						
E.M.Ell. (14)	4	C	22-22-37	14		**2406
" (1)	5	D	"	1		**5100
TOTAL	2			15		
CITIES SERVICE OIL CO.						
Bruns.B(2)	2	K	3-22-37	2		**7500
" (1)	3	M	"	1		TSTM
" (5)	5	I	4-22-37	5		**8400
" (3)	7	N	3-22-37	3		**13333
Owen (7)	1	P	35-21-37	3		*72429
" (6)	2	O	"	6		**18167
" (8)	3	J	"	4		*67375
State P (2)	2	L	32-22-38	2		**12500
State S (2)	1	E	15-21-37	2		**74500
" (2)	2	F	"	2		TSTM
TOTAL	10			30		
CONE, J. R.						
Anderson(3)	1	I	21-21-37	3		**20823
Eubanks (4)	1	M	14-21-37	4		**17250
" (32)	3	K	"	32		**7250
" (6)	4	N	"	6		**11500
TOTAL	4			45		
CONTINENTAL OIL CO.						
Ell.A-15 (3)	4	O	15-22-37	3		**14000
" (5)	6	P	"	1		*18600
Hawk A (14)	2	H	8-21-37	14		**5300
" (10)	3	E	9-21-37	10		**20000
" (3)	5	D	"	3		1333
" (22)	6	G	8-21-37	22		**8870
Hawk B-1(13)	1	F	9-21-37	13		**7040
" (17)	2	J	"	17		1823
" (12)	3	C	"	12		**6700
" (5)	4	L	"	5		**28800

CONTINENTAL OIL CO. CONT'D						
Hawk B-1(6)	5	K	9-21-37	6		**27900
" (7)	6	N	"	7		1572
" (8)	8	O	"	7		*33200
" (7)	9	M	"	7		**12286
" (8)	10	P	8-21-37	8		**8800
" (18)	11	I	"	18		**6360
" (11)	13	I	9-21-37	11		**6909
" (18)	14	J	8-21-37	18		**10500
Hawk B-3(4)	10	G	3-21-37	4		**18750
" (4)	11	Q	"	4		**4750
" (5)	12	R	"	5		**7200
" (5)	13	X	"	5		**4600
Hawk B-10(11)	2	F	10-21-37	11		**5130
" (9)	8	G	"	9		**3056
" (8)	9	E	"	8		**2625
L'ht.A-17(11)	3	H	17-21-37	11		**4681
" (9)	4	A	"	9		**9333
" A-27 (3)	5	A	27-21-37	3		**66666
" (4)	6	B	"	4		**9700
" (5)	7	C	"	5		**4480
" (6)	9	E	"	6		**17050
" (5)	10	G	"	5		**10400
" (3)	11	H	"	3		*80666
" A-35 (4)	1	D	35-21-37	4		**3400
" (3)	3	C	"	3		**75000
" B-11 (3)	2	D	11-21-37	3		**4300
" (10)	4	C	"	10		1000
L'ht.B-11(10)	5	B	"	10		1800
" (12)	6	A	"	12		**3300
" (3)	8	O	"	3		**3000
" (7)	10	H	"	7		**5000
" (7)	11	I	"	7		**8000
" (4)	15	J	"	4		**2000
" (7)	17	G	"	7		**7000
" B-14 A(6)	1	H	14-21-37	6		833
" B-12 (7)	3	C	12-21-37	7		**4857
" (8)	4	E	"	8		**3250
" B-35 (3)	1	G	35-21-37	3		**54400
" (10)	3	H	"	10		**7560
" (9)	4	A	"	9		**10111
J.H.Nolan(9)	1	M	11-21-37	9		**14900
" (10)	3	K	"	10		**2300
State 10(6)	2	E	10-21-37	6		**2895
" (20)	3	D	"	20		**4500
M.E.Wantz(3)	9	J	21-21-37	3		**12333
" (2)	11	L	"	2		**4500
TOTAL	56			437		
COQUINA OIL CORP.						
Baker (10)	1	B	26-22-37	10		**5600
THE FUNDAMENTAL OIL CORP.						
Gulf Leonard(4)	1	H	24-21-36	4		250
GETTY OIL CO.						
D.C.Hardy(4)	3	P	20-21-37	4		**7500
" (8)	4	O	"	8		**3750
S.J.Sarkeys(2)	1	E	26-21-37	2		**97500
" (2)	2	D	"	2		*142000
" (6)	3	C	"	6		**25667
State S (11)	1	D	15-21-37	11		**8636
" (4)	3	B	"	4		**9250
" (9)	6	C	"	9		**5111
" (1)	8	A	"	1		**21000
" (9)	9	P	10-21-37	9		**15000
TOTAL	10			56		
GULF OIL CORP.						
L.I.Baker(1)	3	I	5-22-37	1		**145000
O.I.Boyd(2)	2	O	23-22-37	2		**24500
" (3)	3	K	"	3		**21333
R.Brunson(5)	6	B	10-22-37	4		*64200

GULF OIL CORP. CONT'D							
R. E. Cole NCT-A							
"	(4)	4	A	16-22-37	4	**3750	
"	(4)	9	N	"	4	**43750	
S.E.Cone	(3)	1	K	26-21-37	3	**29000	
Drinkard B	(55)	2	J	30-22-38	10	*24255	
Eaves	(4)	5	H	10-22-37	4	**10250	
"	(5)	6	A	"	4	*69200	
Eubank	(6)	2	A	22-21-37	6	**25500	
"	(6)	8	G	"	6	**22500	
Graham State NCT-1							
"	(15)	1	M	19-21-37	15	**8267	
Acreage factor .925							
"	(2)	2	L	"	2	**62000	
Acreage factor .925							
C.L.Hardy	(15)	5	L	20-21-37	15	**15133	
Hugh	(5)	5	F	14-22-37	5	*45800	
"	(3)	8	E	"	2	*125000	
N.Keenum	(22)	1	J	4-21-37	22	1727	
H.Leonard NCT-E							
"	(8)	2	H	16-21-37	8	**16875	
"	(5)	3	B	"	5	**30600	
" NCT-F	(2)	1	R	2-21-37	2	**5000	
"	(14)	4	W	"	14	**4285	
"	(2)	7	J	"	2	**4500	
Mark	(1)	2	B	3-22-37	1	*430000	
"	(5)	5	A	"	5	**20800	
"	(3)	7	H	"	3	**34667	
Owen	(2)	5	P	34-21-37	2	**32500	
Mark Owen	(3)	6	O	"	3	**32667	
W. A. Ramsay NCT-B							
"	(7)	3	A	24-21-36	7	**3572	
W.M.Rinewalt	(3)	3	E	4-22-37	3	**9667	
H.P.Saunders	(5)	1	O	7-22-38	5	**4400	
Scarb.Est.	(4)	1	A	31-22-38	4	**21250	
N.Steph.	(9)	1	D	24-21-37	9	**5556	
"	(6)	2	E	"	6	**4167	
"	(10)	3	C	"	10	**2500	
L.Stebb.NCT-B							
"	(4)	3	A	5-22-37	4	**50250	
"	(5)	4	D	"		*51600	
E.A.Stich.	(2)	3	N	4-22-37	2	**12500	
Vivian	(16)	1	C	30-22-38	16	**24063	
"	(3)	3	E	"	3	**21333	
Watkins	(6)	2	F	29-22-38	6	**2000	
TOTAL		41			237		
GULF OIL CORP.							
Central Drinkard Unit							
"	(8)	133	C	32-21-37	8	*20125	
"	(8)	134	D	"	8	**19375	
"	(8)	135	A	31-21-37	8	**3500	
"	(3)	136	H	"	3	**13667	
"	(6)	137	E	32-21-37	6	**9500	
"	(1)	138	F	"	1	**8000	
"	(9)	139	G	"	9	**10556	
"	(6)	147	K	33-21-37	5	*55000	
"	(3)	148	L	"	3	**55333	
"	(5)	149	I	32-21-37	5	**10200	
"	(1)	151	I	31-21-37	1	**6000	
"	(4)	152	O	2-21-37	4	**2000	
"	(3)	154	M	33-21-37	3	**8667	
"	(6)	156	O	"	6	**13500	
"	(3)	157	P	"	3	**18000	
TOTAL		15			73		
GULF OIL CORP.							
Project (24 Units)							
Central Drinkard Unit							
"		103	C	28-21-37	19		
"		105	A	29-21-37	3		
"		107	G	"	8		
"		108	H	"	100		
"		110	F	28-21-37	20		
GULF OIL CORP. CONT'D							
Central Drinkard Unit							
"		111	G	28-21-37	S.I.		
"		113	I	"	5		
"		114	J	"	4		
"		116	L	"	200		
"		118	J	29-21-37	6		
"		121	O	"	4		
"		122	P	"	12		
"		124	N	28-21-37	80		
"		126	P	"	2		
"		127	A	33-21-37	6		
"		128	B	"	25		
"		130	D	"	3		
"		131	A	32-21-37	3		
"		141	E	33-21-37	6		
"		109	E	28-21-37	Input		
"		115	K	"	"		
"		117	I	29-21-37	"		
"		123	M	28-21-37	"		
"		125	O	"	"		
"		129	C	33-21-37	"		
TOTAL		18			506		
HANSON OIL CORP.							
Max Gutman	(10)	2	L	19-22-38	8	*31970	
"	(33)	5	N	"	10	*24721	
TOTAL		2			18		
HARPER OIL CO.							
S.J.Sarkeys	(10)	1	G	26-21-37	7	*37300	
"	(12)	2	H	"	12	TSTM	
TOTAL		2			19		
HENDRIX, JOHN H.							
Greenwood	(1)	9	J	9-22-37	1	*420000	
"	(5)	8	K	"	3	*74000	
"	(4)	10	P	"	3	*85000	
Karoles	(8)	1	L	23-22-37	7	*35000	
Long,S.E.	(10)	2	J	11-22-37	6	*39600	
M.E.Wantz	(6)	5	K	21-21-37	3	*80500	
"	(8)	12	M	"	6	*40500	
Danglade	(31)	2	A	24-22-37	18	*13800	
TOTAL		8			47		
HUMBLE OIL & REFINING CO.							
W.B.Ferrell	(3)	3	J	22-22-37	3	**7667	
J.L.Greenw.	(3)	11	I	9-22-37	3	**19667	
"	(5)	15	M	"	5	**9000	
F. F. Hardison B							
"	(3)	3	G	34-21-37	3	**9667	
"	(6)	4	B	"	6	**18667	
"	(4)	5	O	27-21-37	4	**34000	
"	(7)	6	J	"	7	**17000	
"	(5)	7	P	"	5	**6600	
"	(4)	8	I	"	4	**11500	
N.M.S St.	(1)	12	A	2-22-38	1	1000	
"	(5)	13	B	"	5	**28400	
"	(4)	14	C	"	4	**24500	
"	(1)	20	E	"	1	**103000	
"	(1)	22	M	"	1	**17000	
N.M.V St.	(4)	3	O	10-21-37	4	**9750	
"	(1)	6	J	"	1	**11000	
"	(17)	8	I	"	17	**7176	
"	(11)	1-10	M	"	11	**14636	
TOTAL		19			85		
HUNT, N. B.							
Weatherly		3	C	21-21-37	Gas Well		
"	(11)	4	B	"	11	**11336	
"		6	F	"	Gas Well		
"		7	G	"	Gas Well		

IMPERIAL AMERICAN MANAGEMENT CO.					
Art Yeager(3)	1	J	25-21-37	3	**3633
Bowden Federal					
" (8)	1	C	4-23-38	8	**4150
Elliott Fields					
" (6)	1	U	6-21-38	6	**2100
Gulf Sarkeys(4)	2	F	25-21-37	4	1983
McCallister(4)	1	C	7-22-38	4	1439
Peterson Federal					
" (12)	1	D	4-23-38	12	1967
Rosa Lee Federal					
" (2)	1	F	19-21-38	2	1525
Roy.Holding(1)	1	B	25-21-37	1	**3600
TOTAL 8				40	
MABEE ROYALTIES, INC.					
Belcher(6)	1	M	7-22-38	6	*38766
MACDONALD OIL CORP.					
Gulf Matt.(10)	1	J	30-21-37	10	**4210
MARATHON OIL CO.					
E.Butler B(2)	1	I	13-22-37	2	**12079
J.W.Grizzell(7)	1	O	5-22-37	7	**8691
D.Hardy (2)	2	I	20-21-37	2	**8518
" (4)	3	J	"	4	**8845
W.S.Marsh.B(6)	1	N	27-21-37	6	**20972
" (2)	2	M	"	2	**7595
" (5)	4	L	"	5	**12054
J.L.Muncy(8)	1	P	24-22-37	8	**17036
" (11)	4	H	"	8	*29974
M.Owen (5)	1	L	35-21-37	5	**13593
" (3)	2	M	"	3	**58859
" (3)	3	N	"	3	**29083
L.Worthan(3)	10	D	11-22-37	3	**55566
" (2)	11	F	"	2	*118377
" (1)	12	H	"	1	**29230
L.G.Warl.(8)	3	P	15-21-37	8	*16557
" (7)	4	I	"	7	**16472
" (14)	6	J	"	14	**10020
" (10)	2-7	O	15-21-37	10	**19173
TOTAL 20				100	
MARK PRODUCTION CO.					
Sunshine Roy.					
" (20)	1	E	17-22-38	20	775
MOBIL OIL CORP.					
Bruns.Argo(4)	10	G	9-22-37	4	**31250
" (2)	15	F	10-22-37	2	**5000
" (2)	17	D	"	2	1000
" (2)	18	G	"	2	**11000
C.Hardy (7)	5	E	29-21-37	7	428
" (7)	6	D	"	7	1571
S.E.Long(6)	5	O	11-22-37	6	**14000
" (2)	6	P	"	2	**56000
" (3)	7	I	"	3	**6667
Marshall Com.					
" (2)	1	E	34-21-37	2	TSTM
" (4)	2	F	"	3	*74500
" (2)	3	D	"	2	**16000
" (2)	5	C	"	2	TSTM
Steph.Est.(4)	1	L	24-21-37	4	**4250
" (6)	2	M	"	6	**3667
Williamson(6)	1	A	23-21-37	6	**5833
TOTAL 16				60	
MORAN, E. F.					
E.M.Ell.(3)	1	E	35-21-37	3	**20000
MORAN OIL PRODUCING & DRILLING CO.					
Owen (7)	1	E	14-21-37	7	**2000
" (5)	2	D	"	5	**3125
TOTAL 2				12	
PERRY, J. W.					
Hardy (10)	2	P	19-21-37	10	**12960
L'ht. (7)	2	M	17-21-37	7	**13729
TOTAL 2				17	
PENROSE PRODUCTION CO.					
Hinton (6)	9	I	12-22-37	6	TSTM
Jones (10)	1	M	6-22-38	10	TSTM
L.G.Warlick(38)	2	B	19-21-37	38	**2974
TOTAL 3				54	
PHILLIPS PETROLEUM CO.					
Sims (3)	2	E	24-22-37	1	*345950
" (6)	4	D	"	6	**6167
TOTAL 2				7	
RODGERS, J. W.					
Hawk B-10(7)	1	H	10-21-37	7	**3714
L'ht.B-11(12)	1	E	11-21-37	12	**2750
Wantz (6)	1	N	21-21-37	6	**3500
" (7)	2	O	"	7	**2286
" (6)	3	P	"	6	**18667
TOTAL 5				38	
SAMEDAN OIL CORP.					
Boyd (4)	1	J	23-22-37	4	**51250
Parks A (2)	3	P	14-22-37	2	**5100
" (3)	5	O	"	3	**6400
TOTAL 3				9	
SHELL OIL CO.					
Andrews(9)	1	F	14-21-37	9	**11333
Argo (8)	1	M	15-21-37	4	*66625
" (21)	2	L	"	21	**5857
" (14)	3	K	"	14	**8429
" (9)	5	N	"	9	**10000
Argo A (4)	2	E	22-21-37	4	**20000
" (13)	3	C	"	13	**12462
" (18)	4	F	"	18	**10833
" (7)	8	D	"	7	**16000
Grizzell(5)	7	J	8-22-37	5	**7200
" (18)	8	P	"	18	**11556
" (18)	9	O	"	18	**7556
Livingston(14)	1	S	3-21-37	13	*19286
" (5)	2	W	"	5	**19200
" (10)	5	U	"	10	**15300
" (7)	7	V	"	7	**4571
" (6)	8	N	"	6	**17833
" (9)	10	P	4-21-37	9	**9444
" (6)	11	M	3-21-37	6	**29333
Sarkeys (16)	2	K	23-21-37	16	**15000
" (5)	3	L	"	5	**10600
Smith (12)	1	G	14-21-37	12	**8083
" (10)	2	B	"	10	**8200
St.Sec.2(8)	1	T	2-21-37	8	**12250
" (7)	2	L	"	7	**4714
" (7)	4	U	"	7	**8286
" (11)	7	V	"	11	**4000
"	13	N	"	No C-116	
St.Sec.15(4)	1	G	15-21-37	4	**24500
" (7)	4	H	"	6	*39143
Taylor G(10)	2	I	3-21-37	10	**11200
" (14)	5	J	"	14	**14143
Turner(8)	2-8	L	22-21-37	8	**7875
" (7)	3	J	"	5	*54286
" (15)	4	M	"	15	**10867
" (5)	12	K	"	4	*57600
" (17)	13	N	"	14	*19647
TOTAL 37				352	
SKELLY OIL CO.					
Baker,J.V.(4)	9	N	22-22-37	4	**11500
" #2 (3)	10	A	27-22-37	3	**20333

SKELLY OIL CO. CONT'D						
Baker,J.V. #2						
"	(4)	11	B	27-22-37	4	**16000
Baker A	(8)	1	D	26-22-37	8	**3750
"	(3)	4	C	"	3	**13000
"	(2)	5	E	"	2	**22500
"	(3)	6	F	"	3	**13000
Baker B	(13)	6	M	10-22-37	13	**11385
"	(7)	8	K	"	7	**13857
"	(5)	9	L	"	5	**18200
"	(7)	11	O	"	7	**26143
Stricher	(3)	2	L	4-22-37	3	**7333
"	(4)	3	K	"	4	**6500
TOTAL		13			55	
SOHIO OIL CO.						
Cowden	(11)	1	H	5-22-37	11	**13000
Penrose	(13)	4	E	9-22-37	13	**17923
Walden		5	E	15-22-37	No C-116	
Walden A	(15)	3	F	"	15	**3533
TOTAL		3			39	
SUMMIT ENERGY, INC.						
Drinkard	(6)	1	I	30-22-38	6	**9700
"	(6)	4	H	25-25-37	6	**7883
"	(5)	5	G	"	5	**8320
Gulf Dr.	(1)	1	M	"	1	TSTM
Gulf Sims	(3)	1	P	"	3	**12100
A.Sims	(9)	1	I	"	9	**13389
Gulf Hill	(4)	4	S	4-21-37	4	**27375
TOTAL		7			34	
SUN OIL CO.						
Ell. A	(33)	1	A	21-21-37	6	*40844
"	(10)	2	H	"	5	*47670
Owen	(4)	1	D	3-21-37	2	*101087
"	(5)	3	C	"	3	*87600
Randle	(14)	1	E	20-21-37	14	**10471
State 15	(10)	1	M	16-21-37	10	**11370
"	(2)	2	N	"	2	TSTM
TOTAL		7			42	
TEXACO INC.						
Ballinger	(6)	1	M	17-22-38	6	**8000
"	(7)	2	L	"	7	1857
A.H.Blinebry Federal NCT-1						
"	(2)	4	O	20-22-38	2	TSTM
"	(11)	6	B	19-22-38	11	**15455
"	(8)	12	H	"	8	**3875
"	(10)	20	E	20-22-38	10	**2400
"	(6)	21	N	"	6	**4167
"	(8)	22	K	"	8	**5625
"	(22)	30	J	30-22-38	22	**2045
"	(29)	32	P	20-22-38	29	1897
"	(33)	34	J	"	33	1667
"	(10)	35	M	21-22-38	10	**2200
"	(6)	36	H	20-22-38	6	1550
Bat. #2	(19)	13	E	29-22-38	19	**12600
"	(12)	19	D	"	12	**2133
"	(2)	23	C	"	2	1500
"	(5)	26	B	"	5	**3800
"	(4)	28	A	"	4	**6000
" Bat. #3	(4)	11	L	28-22-38	4	750
"	(4)	14	M	"	4	**2000
"	(2)	15	D	33-22-38	2	1500
"	(6)	24	E	28-22-38	6	200
"	(10)	25	N	"	10	**2200
Acreage factor 1.150						
"	(10)	27	K	"	10	420
Acreage factor 1.150						
"	(2)	29	C	33-22-38	2	1000
Acreage factor 1.150						
"	(10)	31	F	28-22-38	10	600
"	(8)	33	D	20-22-38	8	363

TEXACO INC. CONT'D						
A. H. Blinebry Federal NCT-2						
"	(7)	2	N	29-22-38	7	714
" NCT-4	(9)	1	P	31-22-38	9	**16111
"	(6)	2	O	"	6	**3167
"	(1)	4	M	"	1	**12000
"	(1)	5	N	"	1	TSTM
C. F. Falby A Federal						
"	(22)	1	C	8-22-37	22	**9727
"	(13)	3	F	"	13	**18692
" B Fed.	(3)	1	K	"	3	**6000
"	(3)	4	L	"	3	**6000
C. H. Lockhart Federal NCT-1						
"	(3)	4	J	18-22-38	3	**4333
"	(7)	5	C	"	7	**20500
"	(10)	6	G	"	10	1800
"	(7)	7	B	"	7	**4857
"		8	F	"	Input	
"	(3)	9	I	"	3	**7333
"	(10)	10	H	"	10	**3700
W.L.Nix	(6)	1	C	20-22-37	6	**3000
"	(6)	2	N	17-22-38	6	**5167
"	(6)	3	F	20-22-38	6	**6167
"	(8)	4	B	"	8	**6750
"	(6)	5	G	"	6	**3000
"	(11)	6	K	17-22-37	11	**3364
"	(11)	7	O	"	11	**4909
Weatherly	(18)	1	F	17-21-37	18	**8333
"	(4)	3	C	"	4	**2500
TOTAL		51			437	
TEXACO INC.						
Project (5 Units)						
V.M.Henderson		6	C	30-21-37	4	
"		7	F	"	2	
"		9	G	"	4	
"		10	D	"	3	
Acreage factor .925						
"		8	E	"	Input	
Acreage factor .925						
TOTAL		4			13	
TEXAS PACIFIC OIL CO., INC.						
Boyd	(9)	2Y	H	23-22-37	9	**13444
"	(3)	3	A	"	1	*197000
"	(3)	5	B	"	1	*179666
S.E.Cone	(13)	1	J	26-21-37	13	*19307
"	(4)	2	I	"	4	**12250
Ell.A-15	(5)	2	J	15-22-37	5	*51400
Ell.B-15	(10)	1	B	"	10	**7200
"	(14)	4	A	"	4	*61428
Ell.B-9	(6)	3	D	9-22-37	4	*68666
Ell.B-17	(14)	3	C	17-22-37	14	**2285
Walden	(5)	7	D	"	5	**35800
TOTAL		11			70	
UNION TEXAS PETROLEUM CORP.						
Lee	(8)	1	I	23-22-37	8	**27625
West Fed.	(6)	1	D	5-23-38	6	1667
Acreage factor 1.125						
TOTAL		2			14	
WEK DRILLING CO.						
O.I.Boyd	(31)	1	N	23-22-37	31	374
WILBANKS, BRUCE A.						
Brunson C	(15)	4	J	3-22-37	15	**4200
"	(14)	5	O	"	14	**5571
"	(1)	6	I	"	1	*986000
"	(9)	7	P	"	9	**6889
TOTAL		4			39	
THE WISER OIL COMPANY						
Downes	(10)	1	K	32-21-37	10	**9200

THE WISER OIL CO. CONT'D					
Downes	(13)	2 L	32-21-37	13	**9846
Rinew. A	(8)	1 D	4-22-37	8	**15500
TOTAL		3		31	
WOLFSON OIL CO.					
Grizzell	(3)	2 F	5-22-37	1	*324000
Long	(3)	1 N	11-22-37	3	**53333
"	(21)	2 M	"	4	*68800
"	(6)	3 K	"	6	**20333
"	(9)	4 L	"	2	*134000
TOTAL		5		16	
ZACHRY, GUY R.					
Downes	(7)	2 C	5-22-37	7	**32143
Acreage factor 1.025					
Grizzell	(4)	3 A	8-22-37	4	*62000
TOTAL		2		11	
POOL TOTAL		469		3667	

DUBLIN DEVONIAN

Top Allowable 264 No GOR Limit

BETTIS, BOYLE & STOVALL					
Leonard Federal					
"	(4)	7 P	11-26-37	4	

E-K YATES SEVEN RIVERS QUEEN

Top Allowable 70 No GOR Limit

AMERICAN PETROFINA CO. OF TEXAS					
McEl.Fed.Sec. 25					
"	(10)	1 B	25-18-33	5	
McEl.Fed.#1	(14)	2 B	30-18-34	10	
" #2	(3)	3 E	"	2	
"	(3)	5 C	"	2	
TOTAL		4		19	
BASS, PERRY R.					
St.N.M.	(7)	2 N	8-18-34	5	
BAXTER, MURPHY H.					
Project (18 Units)					
North E-K Queen Unit					
Tr. 1		1 P	36-17-33	3	
"		2 O	"	3	
Tr. 2		1 H	1-18-33	5	
"		2 A	"	2	
"		4 I	"	3	
Tr. 4		1 L	6-18-34	2	
Acreage factor .900					
"		2 M	"	4	
Acreage factor .900					
"		3 N	"	3	
"		4 O	"	4	
"		5 B	7-18-34	60	
Tr. 7		1 C	7-18-34	70	
Tr. 3		2 E	6-18-34	2	
"		1 D	"	3	
Tr. 2		3 B	1-18-33	S.I.	
Tr. 4		7 G	7-18-34	Input	
"		6 A	"	"	
Tr. 7		2 F	"	"	
"		3 D	"	"	
TOTAL		13		164	
DAVIS, M. O.					
K. G.	(135)	1 B	19-18-34	6	
HANSON OIL CORP.					
Pennzoil Federal					
"	(12)	1 N	19-18-34	9	
HARRINGTON, W. O.					
Scharbauer Cattle Co.					
"	(2)	2 L	20-18-34	2	
MARATHON OIL CO.					
St. EPA	(1)	3 A	18-18-34	1	
MOBIL OIL CORP.					
Project (49 Units)					
E-K Queen Unit					
Tr. 2		1 L	19-18-34	30	
Acreage factor .925					
Tr. 1		1 F	13-18-33	50	
"		2 J	"	8	
"		4 B	24-18-33	8	
"		8 H	14-18-33	2	
"		9 J	24-18-33	7	
Acreage factor .925					
Tr. 3		1 L	18-18-34	6	
Acreage factor .925					
"		3 N	"	35	
Tr. 5		1 F	14-18-33	12	
Tr. 6		3 N	13-18-33	7	
"		5 D	19-18-34	90	
Acreage factor .925					
Tr. 6		8 H	24-18-33	25	
"		9 J	14-18-33	7	
"		12 F	19-18-34	18	
"		13 L	13-18-33	30	
"		16 P	24-18-33	45	
Tr. 7		1 F	"	30	
"		2 D	"	22	
Tr. 8		2 L	14-18-33	25	
Tr. 9		1 J	18-18-34	10	
Tr. 10		1 P	14-18-33	10	
Tr. 11		2 H	23-18-33	3	
"		3 B	"	10	
Tr. 1		3 G	24-18-33	Input	
"		5 O	13-18-33	"	
"		7 I	14-18-33	T.A.	
Tr. 2		2 K	19-18-34	Input	
"		4 M	"	"	
Acreage factor .925					
"		6 K	24-18-34	"	
"		7 O	"	"	
Tr. 3		2 K	18-18-34	"	
"		4 M	"	"	
Acreage factor .925					
Tr. 4		1 E	"	T.A.	
Acreage factor .925					
Tr. 5		2 E	14-18-33	Input	
Tr. 6		1 A	24-18-33	"	
"		2 C	"	T.A.	
"		4 M	13-18-33	Input	
"		6 C	19-18-34	"	
"		7 E	"	"	
Acreage factor .950					
"		10 G	14-18-33	"	
"		11 I	24-18-33	"	
"		14 E	13-18-33	"	
Tr. 7		3 E	24-18-33	"	
"		5 C	23-18-33	"	
"		6 L	24-18-33	"	
Tr. 8		1 K	14-18-33	"	
Tr. 9		4 O	18-18-33	"	
Tr. 10		2 O	14-18-33	"	
Tr. 11		1 A	23-18-33	"	
Tr. 12		1 K	13-18-33	"	
TOTAL		23		490	
MOBIL OIL CORP.					
Siv.Fed.	(82)	3 N	19-18-34	50	

E-K YATES SEVEN RIVERS QUEEN CONTINUED

TOMASON, WINDELL A.
State (5) 2 P 8-18-34 5

TRAVIS, J. J.
N.M. St. E-5014
" 1 K 6-18-34 No C-115

POOL TOTAL 47 751

E-K QUEEN EAST
Top Allowable 70 No GOR Limit
ANADARKO PRODUCTION CO.
N.M.U St.(24) 1 H 28-18-34 13
" (65) 2 G " 35

TOTAL 2 48
CONTINENTAL OIL CO.
East E-K Unit
Project (5 Units)
" 2 J 22-18-34 25
" 3 K " 25
" 5 O " 85
" 4 N " Input
" 6 P " "

TOTAL 3 135
TRITON OIL & GAS CORP.
Continental State
" (36) 1 G 22-18-34 20
" (46) 2 H " 18
" (59) 3 E 23-18-34 15

TOTAL 3 53

POOL TOTAL 8 236

ECHOLS DEVONIAN
Top Allowable 397 No GOR Limit
TEXACO INC.
State AR(83) 2 L 2-11-37 83
Acreage factor 1.475
Allowables figured as set out in Order R-122.

ECHOLS DEVONIAN EAST
Top Allowable 473 No GOR Limit
CONE, GORDON M.
State 16 1 F 16-11-38 No C-115

ECHOLS DEVONIAN NORTH
Top Allowable 473 No GOR Limit
AMERADA DIVISION-AMERADA HESS CORP.
State EB(60) 1 E 27-10-37 30

EIDSON PENN
Top Allowable 327 No GOR Limit
SKELLY OIL CO.
N.M. R (15) 2 B 18-16-35 10

EL MAR DELAWARE
Top Allowable 70 GOR Limit 2,000
ANTWEIL, MORRIS R.
Lit.DQ Fed.(6) 2 M 19-26-32 6 1763

CONSOLIDATED OIL & GAS, INC.
Melissa Fed.(7) 1A 25-26-32 7 **2613

CONTINENTAL OIL CO.
Brad. 35(1) 1 A 36-26-32 1 **24000
" (2) 2 D " 2 TSTM
" (3) 3 C " 3 **11667
" (1) 4 B " 1 **15000
Littlefield DR Federal
" (2) 1 O 24-26-32 2 TSTM
Payne (21) 1 H 35-26-32 21 1800
Acreage factor 1.250

CONTINENTAL OIL CO. CONT'D
Payne (5) 2 E 30-26-33 5 TSTM
" (5) 3 L " 5 400
" (12) 4 K " 12 170
" (7) 5 M " 7 TSTM
" (3) 6 F 35-26-32 3 1678
Acreage factor 1.250
" (12) 7 D 31-26-33 12 TSTM
" (9) 8 F 20-26-33 9 "
" (9) 9 E 31-26-33 9 "
Acreage factor .925
" (9) 10 C 31-26-33 9 "
" 11 N 30-26-33 Input
" 12 F 31-26-33 "
Acreage factor .925
Wilder (7) 1 M 26-26-32 7 TSTM
" (15) 2 N " 15 "
" (10) 3 L " 10 "
" (17) 4 K " 17 "
" (6) 5 P " 6 "
" (10) 6 F 25-26-32 10 "
" (16) 7 J " 16 "
" (14) 8 G " 14 "
" (13) 9 B " 13 "
" (12) 10 H " 12 "
" (12) 11 O " 12 "
" (13) 12 P " 13 "
" (13) 13 I " 13 "
" (4) 14 E " 4 "
" (17) 15 C " 17 "
" (9) 16 M 26-26-32 9 "
" (13) 17 I " 13 "
" (4) 18 O " 4 "
" (11) 19 N " 11 "
" (5) 20 J " 5 "
" (1) 21 H " 1 "
" (1) 22 K " 1 "
" (6) 23 D 25-26-32 6 "
" 24 L 26-26-32 No C-116
" (3) 25 G " 3 TSTM

TOTAL 39 333
PRNROSE PRODUCTION CO.
Brown Fed.(7) 1 D 30-26-33 7 428

TENNECO OIL CO.
Gulf Fed.(17) 1 P 24-26-32 17 **2960
State 36(33) 1 D 36-26-32 33 **2700
Acreage factor 1.075
" (22) 2 C " 22 **2780
Acreage factor 1.075
" (24) 3 B " 24 **2930
Acreage factor 1.075
" (29) 4 E " 29 **3230
Acreage factor 1.075
" (15) 5 F " 15 **4350
Acreage factor 1.075
" (19) 6 G " 19 **2400
Acreage factor 1.075

TOTAL 7 159
TEXACO INC.
F.O.E11.Fed.(10) 1H 34-26-32 10 1100
Acreage factor 1.250
" (1) 2 A " 1 **5000

TOTAL 2 11

POOL TOTAL 51 523

EMERALD ABO
Top Allowable 264 No GOR Limit
ELK OIL COMPANY
Aztec St.(37) 1 M 15-17-36 20

EUMONT YATES SEVEN RIVERS QUEEN

Top Allowable 70 GOR Limit 10,000

ADOBE OIL CO.						
State	(4)	1	D	17-22-37	2	2750
"	(6)	2	E	"	6	6500
"	(2)	3	L	"	2	7500
TOTAL		3			10	
AMERADA DIVISION-AMERADA HESS CORP.						
H.W.Andr.	(8)	7	C	23-20-36	8	**17864
"		9	K	"	No C-116	
"	(17)	11	F	"	17	7004
Fed.D A/c-A	(16)	1	L	26-20-36	16	2093
"		2	E	"	No C-116	
"		3	H	27-20-36	"	
"		4	D	26-20-36	"	
"		5	M	"	"	
" A/c-B	(9)	6	N	"	9	**10053
"	(20)	7	K	"	20	**31500
Fed.D A/c-B	(15)	8	F	26-20-36	15	7369
"	(34)	9	C	"	34	3157
State MT	(6)	1	N	5-19-37	6	**36444
State WEA	(3)	1	F	12-21-35	3	6981
"	(11)	3	D	"	11	7332
St.WEB #2	(6)	1	C	13-21-35	6	4799
"	(16)	2	F	"	16	4482
"		3	F	1-21-35	No C-116	
"	(40)	4	C	"	40	5843
Acreage factor .950						
" #3		5	P	24-21-35	No C-116	
State WEE	(18)	1	K	13-21-35	18	307
State WEF		1	N	1-21-35	No C-116	
"		2	L	"	"	
"	(13)	3	K	"	13	**13795
State WEH	(4)	1	N	2-21-35	4	9475
"	(3)	2	L	"	3	**22128
Fred Turner, Jr. A						
"	(31)	2	K	18-20-38	31	1268
White,Ida	(15)	1	K	35-20-36	15	5020
"		2	K	"	No C-116	
TOTAL		19			285	
ANADARKO PROD. CO.						
Mae Currie	(27)	2	T	6-21-37	27	**10967
ANTWEIL, MORRIS R.						
McMillan	(3)	1	N	29-18-37	3	TSIM
APCO OIL CORP.						
Currie	(30)	2	L	5-21-37	30	1047
ATLANTIC RICHFIELD CO.						
Endura DE State						
"	(4)	1	P	12-21-35	4	**22250
"	(6)	2	O	"	6	**64000
"	(3)	3	J	"	3	**10000
"	(2)	4	I	"	2	3000
Houston	(10)	1	D	7-21-36	10	3600
"	(13)	2	E	"	13	2384
Lea 407 St.	(2)	1	S	2-21-35	2	6000
Seale Fed.	(10)	1	L	34-20-36	10	700
"	(1)	3	M	"	1	**19000
State AK	(3)	1	I	3-21-35	3	5667
"	(3)	2	P	"	3	**34000
"	(6)	3	J	"	6	5000
St.F-DE	(6)	2	L	19-21-36	6	6833
"	(5)	3	K	"	5	**24200
"	(13)	5	N	"	13	5923
State 176	(10)	1	B	"	10	1900
"	(6)	5	D	"	6	**12000
"	(4)	7	F	"	4	8000
White,Ida	(7)	1	I	35-20-36	7	7286
"	(7)	2	J	"	7	**58143
TOTAL		20			121	
AZTEC OIL & GAS CO.						
State E-27		1	M	27-20-36	No C-116	
" E-8	(18)	1	N	28-20-36	18	1166
CAMPBELL & HEDRICK						
Curry	(3)	1	C	7-21-37	3	**26833
CHARM OIL CO.						
Coll	(2)	1	I	33-20-36	2	1400
"	(1)	2	P	"	1	2000
"	(1)	4	O	"	1	1600
Gulf St.	(2)	1	V	1-21-35	2	7000
"	(2)	2	U	"	2	5500
"	(6)	3	T	"	6	7500
"	(3)	4	S	"	3	6000
Persons	(3)	1	I	27-19-36	3	6000
"	(3)	2	J	"	3	4700
Sup.St.	(2)	1	K	12-21-35	2	4500
"	(12)	2	N	"	12	1700
Wil.St.	(1)	2	B	11-21-35	1	**10000
"	(2)	3	G	"	2	9500
"	(1)	4	H	"	1	8000
TOTAL		14			41	
CHEVRON OIL CO.						
Meredith	(23)	1	H	19-21-36	20	1775
"	(10)	3	I	"	10	1740
State 2-20	(8)	1	O	20-21-36	8	5990
TOTAL		3			38	
CITIES SERVICE OIL CO.						
State AT	(1)	1	M	4-19-37	1	**10800
State C	(20)	1	L	16-21-36	15	6150
"	(7)	4	N	"	7	1571
State D	(15)	1	B	32-21-36	15	4667
"	(4)	2	C	"	4	**10500
"	(9)	4	H	"	9	7778
"	(34)	5	C	"	34	3171
"	(7)	6	F	"	7	5857
"	(11)	7	D	"	11	**20636
"	(2)	8	E	"	2	**14000
TOTAL		10			105	
COATES & FOSTER DRILLING CO.						
Record		1	H	15-20-36	No C-115	
"		2	G	"	"	
CONTINENTAL OIL CO.						
Ell.B-20	(2)	1	E	20-22-37	2	**15000
L'ht.A-18	(7)	4	M	18-21-36	7	**35286
"	(30)	6	L	"	25	**16333
L'ht.A-30	(6)	7	D	30-21-36	6	**38000
Acreage factor .875						
"	(8)	8	C	"	8	6500
"	(29)	10	L	"	25	9730
Acreage factor .875						
L'ht.B-28	(15)	1	D	28-21-36	15	1690
"	(23)	2	E	"	20	7050
L'ht.A-30	(6)	9	E	30-21-36	6	**59500
Acreage factor .875						
L'ht.B-30	(16)	2	M	"	16	**18750
Acreage factor .875						
Reed B	(10)	3	P	23-20-36	10	**26600
"	(8)	4	B	"	8	**10000
"	(5)	5	I	"	5	**22800
"	(15)	7	J	"	15	6600
"	(4)	8	G	"	4	5700
"	(4)	10	N	"	4	9000
Sanderson A						
"	(20)	12	P	14-20-36	15	**29250
" A-14	(14)	1	D	"	14	**10357
" B-1	(11)	4	P	10-20-36	11	**22000
" B-14	(17)	3	N	14-20-36	17	3117
"	(14)	4	E	"	14	**20285
"	(2)	5	L	"	2	**12000

CONTINENTAL OIL CO. CONT'D					
State C-20	(12)	1 D	20-21-36	12	250
"	(16)	2 E	"	16	561
"	(12)	8 L	"	12	500
L'ht.B-28	(6)	6 A	28-21-36	6	**33833
TOTAL		26		295	
CONTINENTAL OIL CO.					
Project (4 Units)					
SEMU Eumont					
"		54 K	25-20-37	18	
"		55 J	"	12	
"		52 F	"	Input	
"		56 I	"	"	
TOTAL		2		30	
CONTINENTAL OIL CO.					
Project (46 Units)					
Eumont Hardy Unit					
"		2 N	25-20-37	10	
"		3 O	"	2	
"		4 P	"	S.I.	
"		6 A	36-20-37	70	
"		8 C	"	15	
"		12 G	"	20	
"		14 E	13-20-38	35	
"		16 I	36-20-37	45	
"		18 K	"	25	
"		21 N	"	10	
"		22 O	31-20-38	15	
"		24 M	"	115	
"		26 G	5-21-37	35	
"		28 B	6-21-37	10	
"		30 D	"	1	
"		33 E	"	1	
"		34 F	"	20	
"		36 E	5-21-37	5	
"		39 J	6-21-37	110	
"		41 L	"	35	
"		43 N	"	34	
"		45 P	"	34	
"		46 R	"	15	
"		1 M	25-20-37	Input	
"		5 D	31-20-38	"	
"		7 B	36-20-37	"	
"		9 D	"	"	
"		10 E	"	"	
"		11 F	"	"	
"		13 H	"	"	
"		15 L	31-20-38	"	
"		17 J	36-20-37	"	
"		19 L	"	"	
"		20 M	"	"	
"		23 P	"	"	
"		25 N	31-20-38	"	
"		27 D	5-21-37	"	
"		29 C	6-21-37	"	
"		31 A	1-21-36	"	
"		32 H	"	"	
"		35 G	6-21-37	"	
"		37 F	5-21-37	"	
"		38 I	6-21-37	"	
"		42 I	1-21-36	"	
"		44 O	6-21-36	"	
"		47 S	"	"	
TOTAL		22		662	
CONTINENTAL OIL CO.					
Project (22 Units)					
Reed Sanderson Unit					
"		2 D	3-20-36	35	
"		4 B	"	10	
"		5 F	"	30	
"		7 H	4-20-36	6	

CONTINENTAL OIL CO. CONT'D					
Reed Sanderson Unit					
"		9 L	3-20-36	38	
"		11 J	"	5	
"		13 N	"	21	
"		15 P	4-20-36	10	
"		17 D	10-20-36	18	
"		19 B	"	14	
"		21 F	"	10	
"		1 A	4-20-36	Input	
"		3 C	3-20-36	"	
"		6 E	"	"	
"		8 I	4-20-36	"	
"		10 K	3-20-36	"	
"		12 O	"	"	
"		14 M	"	"	
"		16 A	9-20-36	"	
"		18 C	10-20-36	"	
"		22 E	"	"	
"		24 K	"	"	
TOTAL		11		197	
GETTY OIL CO.					
East Eumont Unit					
"	(1)	12 C	4-19-37	1	**57000
Acreage factor 1.075					
"	(1)	16 E	"	1	**60000
"	(1)	17 F	3-19-37	1	**121000
"	(2)	20 E	"	2	**10500
"	(4)	24 P	4-19-37	4	4750
"	(3)	25 L	3-19-37	3	8667
"	(4)	29 D	10-19-37	4	**10000
"	(3)	30 C	"	3	5333
"	(7)	59 N	22-19-37	7	3571
TOTAL		9		26	
GETTY OIL CO.					
Project (79 Units)					
East Eumont Unit					
"		40 H	16-19-37	8	
"		41 E	15-19-37	5	
"		42 F	"	8	
"		44 L	"	4	
"		47 P	16-19-37	5	
"		49 N	15-19-37	4	
"		50 D	22-19-37	5	
"		52 H	21-19-37	7	
"		54 F	22-19-37	2	
"		56 L	"	5	
"		57 P	21-19-37	8	
"		59 N	22-19-37	9	
"		61 P	"	8	
"		63 D	27-19-37	13	
"		65 B	"	17	
"		69 F	"	28	
"		71 H	"	5	
"		74 J	"	5	
"		76 L	26-19-37	6	
"		77 N	27-19-37	10	
"		79 P	"	17	
"		81 N	26-19-37	59	
"		84 B	34-19-37	15	
"		86 D	35-19-37	64	
"		88 B	"	17	
"		90 H	34-19-37	5	
"		92 F	35-19-37	136	
"		94 H	"	17	
"		97 J	"	120	
"		99 L	36-17-37	14	
"		100 N	35-19-37	70	
"		102 P	"	115	
"		104 N	36-19-37	12	
"		106 B	2-20-37	100	
"		108 D	1-20-37	50	

GETTY OIL CO. CONT'D					
East Eumont Unit					
"	110	B	1-20-37	10	
"	111	F	2-20-37	60	
"	113	H	"	115	
"	116	J	"	48	
"	118	L	1-20-37	45	
"	119	J	1-20-37	10	
"	120	N	2-20-37	3	
"	122	P	"	30	
"	124	N	"	17	
"	127	D	12-20-37	28	
"	129	B	"	8	
"	130	F	"	16	
"	914	F	1-20-37	17	
"	43	I	16-19-37	Input	
"	45	K	15-19-37	"	
"	46	O	16-19-37	"	
"	48	M	15-19-37	"	
"	51	C	22-19-37	"	
"	53	E	"	"	
"	55	I	21-19-37	"	
"	58	M	22-19-37	"	
"	60	O	"	"	
"	62	A	28-19-37	"	
"	64	C	27-19-37	"	
"	66	A	"	"	
"	68	E	"	"	
"	70	G	"	"	
"	72	E	26-19-37	"	
"	73	K	27-19-37	"	
"	75	I	"	"	
"	78	O	"	"	
"	80	M	26-19-37	"	
"	82	O	"	"	
"	83	C	35-19-37	"	
"	85	A	"	"	
"	87	C	"	"	
"	89	A	"	"	
"	91	E	"	"	
"	93	G	"	"	
"	95	E	36-19-37	"	
"	96	K	35-19-37	"	
"	98	I	"	"	
"	101	M	36-19-37	"	
"	103	M	"	"	
"	105	C	2-20-37	"	
"	107	A	"	"	
"	109	C	1-20-37	"	
"	112	G	2-20-37	"	
"	114	E	1-20-37	"	
"	115	G	"	"	
"	117	I	2-20-37	"	
"	121	O	"	"	
"	123	M	1-20-37	"	
"	125	O	"	"	
"	126	A	11-20-37	"	
"	128	C	12-20-37	"	
"	131	G	"	"	
"	849	A	21-19-37	"	
"	856	K	22-19-37	"	
"	915	K	2-20-37	"	
"	918	K	1-20-37	"	
TOTAL	48			1380	
GETTY OIL CO.					
O.L.Coleman	(20)	4	H 17-21-36	20	600
State G	(8)	1	H 21-21-36	8	5500
TOTAL	2			28	
GULF OIL CORP.					
R.R.Bell-D	(17)	1	T 6-21-36	17	**11647
"	(8)	2	U "	8	2375
" NCT-F	(5)	5	M 36-20-36	5	**89800

GULF OIL CORP. CONT'D					
R. R. Bell NCT-F					
"	(9)	6	L 36-20-36	9	2551
"	(2)	7	E "	2	**50500
Campbell	(5)	4	L 7-21-36	5	**17600
A. L. Christmas C					
"	(3)	1	D 18-22-37	3	**10667
Acreage factor .925					
J. F. Janda NCT-A					
"	(6)	1	P 20-21-36	6	1667
"	(8)	2	I "	8	**22625
" NCT-B	(3)	1	J 32-21-36	3	6333
"	(6)	5	I "	6	4000
H. Leonard NCT-A					
"	(7)	6	N 22-21-36	7	3571
"	(3)	7	M "	3	**16333
"	(17)	8	O "	17	2235
H. T. Orcutt NCT-F					
"	(6)	1	A 25-21-36	6	**65000
"	(8)	2	H "	8	6500
A.Rams.C	(3)	5	N 21-21-36	3	1500
"	(8)	8	O "	8	3625
W. A. Rams. NCT-A					
"	(4)	9	G 35-21-36	4	**41000
"	(6)	10	K "	6	**12167
"	(4)	12	M "	4	**25250
"	(6)	16	F "	6	7667
"	(16)	18	C "	16	**13375
"	(9)	19	L "	9	3778
"	(8)	20	E "	8	5625
"	(5)	21	P 34-21-36	5	2400
"	(8)	22	D 35-21-36	8	2000
"	(13)	23	I 34-21-36	13	8538
"	(10)	25	A "	10	300
"	(5)	26	E "	5	1400
"	(7)	28	O "	4	750
"	(7)	29	P 27-21-36	7	2143
"	(10)	30	G 34-21-36	10	1800
"	(10)	34	K "	10	500
"	(7)	36	N "	7	**10429
"	(5)	37	H 27-21-36	5	2000
"	(5)	38	L 34-21-36	5	600
"	(4)	39	I 27-21-36	4	5750
"	(9)	40	A "	9	**68000
"	(8)	42	B "	8	**10000
"	(4)	43	C "	4	**33000
"	(7)	44	D "	7	**68429
L. W. White NCT-B Tr. A					
"	(6)	1	P 35-20-36	6	**44667
" Tr. B	(22)	2	D 1-21-35	22	2273
Acreage factor .950					
" Tr. A	(8)	3	O 35-20-36	8	**82625
"	(2)	4	N "	2	6500
TOTAL	46			336	
GULF OIL CORP.					
Northwest Eumont Unit					
"	(3)	138	D 26-19-36	3	**40000
"	(3)	139	E "	3	**18000
"	(4)	140	H 27-19-36	4	8500
"	(4)	141	G "	4	750
"	(2)	142	F "	2	1500
"	(7)	144	K "	7	286
"	(4)	145	P "	4	**28250
"	(7)	146	O "	7	4000
"	(5)	147	N "	5	600
"	(5)	150	D 34-19-36	5	1200
"	(4)	151	C "	4	6750
"	(3)	152	B "	3	**60333
"	(13)	154	G "	13	**15231
"	(9)	155	F "	9	**18444
"	(5)	156	H 33-19-36	5	600
"	(2)	157	J "	2	1500
"	(6)	160	J 34-19-36	6	**12893

GULF OIL CORP. CONT'D
Northwest Eumont Unit

"	(11)	161	O	34-19-36	11	**10091
TOTAL	18				97	

GULF OIL CORP.
Project (43 Units)
Northwest Eumont Unit

"		100	E	12-19-36	6
"		102	P	11-19-36	11
"		105	B	14-19-36	10
"		107	H	"	14
"		109	F	"	8
"		112	L	"	14
"		114	J	"	13
"		115	N	"	30
"		117	P	15-19-36	21
"		118	B	22-19-36	10
"		120	D	23-19-36	10
"		121	C	"	15
"		122	F	"	8
"		124	H	22-19-36	22
"		127	J	"	10
"		129	L	23-19-36	10
"		130	K	"	10
"		131	M	"	9
"		132	P	22-19-36	5
"		134	N	"	2
"		135	C	27-19-36	T.A.
"		136	B	"	7
"		137	A	"	6
"		158	I	33-19-36	3
"		159	K	34-19-36	8
"		162	N	"	30
"		164	P	33-19-36	12
"		101	I	11-19-36	Input
"		103	O	"	"
"		104	C	14-19-36	"
"		106	A	"	"
"		108	G	"	"
"		110	E	"	"
"		111	I	15-19-36	"
"		113	K	14-19-36	"
"		116	M	"	"
"		119	A	22-19-36	"
"		123	E	23-19-36	"
"		125	G	22-19-36	"
"		126	K	"	"
"		128	I	"	"
"		133	O	"	"
"		163	M	34-19-36	"
TOTAL	26				304

GULF OIL CORP.
South Penrose Skelly Unit

"		156	E	8-22-37	No C-116

HODGE, T. F.

Sims	(5)	1	O	24-20-35	5	TSTM

HUMBLE OIL & REFINING CO.
L. C. Fopeano

" A/c-1	(2)	4	P	26-20-37	2	4000
" A/c-2	(7)	7	G	35-20-36	7	**56000
"	(10)	8	B	"	10	8060
N.M.B St.	(8)	1	E	29-21-36	7	*94750
"	(6)	2	F	"	6	**58000
"	(26)	4	B	"	15	890
"	(2)	6	O	"	2	9420
"	(5)	8	P	"	5	**93600
"	(3)	9	K	"	3	2750
"	(8)	10	N	"	8	**63875
"	(5)	11	M	"	5	**11000
N.M.C St.	(8)	1	A	"	8	1700

HUMBLE OIL & REFINING CO. CONT'D
N.M.G St. #2

"	(5)	6	M	26-21-36	5	**15000
"	(2)	7	N	"	2	8350
"	(9)	8	O	"	9	**10000
"	(5)	10	L	"	5	**47200
"	(5)	11	E	"	5	9000
"	(1)	12	K	"	1	**24000
"	(2)	13	D	"	2	**62500
"	(1)	15	J	"	1	**71000
"	(4)	16	C	"	4	**23750
"	(6)	19	O	23-21-36	6	7667
TOTAL	22				118	

HUNT, N. B.

M.Wantz	(4)	1	M	21-21-37	4	7445

KENNEDY OIL CO., A CORP.
N.M. AK State

"	(34)	1	K	32-18-37	34	9706

LONG, C. E.

Rector	(14)	1	H	31-21-36	14	9643

MKA OIL PROPERTIES

State B	(3)	1	D	29-21-36	3	**63300

PENASCO CORP.

State	(5)	1	I	1-19-36	5	1887
State A	(9)	1	P	"	9	1560
TOTAL	2				14	

PHILLIPS PETROLEUM CO.

Cheryl A	(5)	1	J	31-18-37	5	**15524
New	(13)	1	A	26-20-36	13	**20656
TOTAL	2				18	

POLLARD, C. C.

State	(5)	1	L	29-21-36	5	TSTM

RESLER & SHELDON
Atlantic State

"	(1)	1	K	3-21-35	1	8000
Smith	(1)	1	E	34-19-36	1	4200
"	(2)	2	L	"	2	6000
State A	(2)	1	L	27-20-36	2	6000
Wil.B St.	(4)	1	C	3-21-35	4	2500

Acreage factor .950

TOTAL	5				10	

SHELL OIL CO.

O.L.Coleman	(8)	1Y	G	17-21-36	8	5875
Dev.St.	(12)	1Y	G	20-21-36	12	2166
"	(9)	2	B	"	9	**14555
"	(12)	3	A	"	12	2333
"	(22)	4	H	"	18	2590
St.Sec.3	(6)	1	A	3-20-37	6	5166

Acreage factor 1.025

State A	(10)	1	H	12-21-35	10	**21500
"	(6)	2Y	A	"	6	**23666
"	(10)	3	G	"	10	**15100
"	(9)	4	B	"	9	**31222
State C	(9)	2Y	H	24-21-35	9	6000
"	(7)	3	B	"	7	**33714
"	(10)	4	G	"	10	**29400
State H	(7)	1-1Y	P	13-21-35	7	**17538
"	(7)	3-3Y	H	"	7	**57076
"	(8)	4Y	I	"	8	**52125
"	(7)	5	B	"	7	**66571
"	(3)	6	G	"	3	**72333
"	(13)	7	J	"	13	**11384
"	(10)	8	O	"	10	9000
State L	(8)	2Y	X	1-21-35	8	**14375
"	(8)	3	W	"	8	9250
"	(10)	4	R	"	10	**11000

EUMONT YATES SEVEN RIVERS QUEEN CONTINUED

SHELL OIL CO. CONT'D						
State M	(21)	1	H	1-21-35	18	TSTM
"	(5)	2	I	"	5	3600
"	(4)	3	A	"	4	**32000
"	(12)	5	O	"	12	**28083
"	(6)	6	J	"	6	**81000
"	(7)	7	G	"	7	**29857
"	(7)	8	B	"	7	**29857
Acreage factor .950						
State N	(7)	1-1Y	I	24-21-35	7	**11428
TOTAL		34			273	
SKELLY OIL CO.						
Hobbs M	(34)	1	L	20-22-37	34	294
Mex. W	(15)	2	P	2-21-35	15	8067
"	(4)	3	O	"	4	**18500
"	(10)	4	I	"	10	**18800
"	(3)	5	R	"	3	**30667
TOTAL		5			66	
SOHIO OIL CO.						
Magruder State						
"	(22)	1	O	28-20-36	22	1227
"	(7)	2	J	"	7	1857
"	(9)	3	F	"	9	2777
Pruitt	(3)	2	O	31-21-37	3	3000
TOTAL		4			41	
SUPERIOR OIL CO.						
State 334	(7)	1	A	3-21-35	7	6429
Acreage factor .950						
"	(3)	2	B	"	3	666
Acreage factor .950						
"	(6)	3	H	"	6	1333
State 12	(5)	1	L	12-21-35	5	800
State 175	(3)	1	I	11-21-35	3	**12333
TOTAL		5			24	
TENNECO OIL CO.						
Atl.St.	(1)	1	P	25-21-35	1	**13000
"	(1)	3	I	"	1	**12000
Bay.Fed.	(6)	1	C	35-20-36	6	6700
"	(7)	2	F	"	7	8000
"	(15)	3	D	"	15	1200
"	(7)	4	E	"	7	6000
TOTAL		6			37	
TEXACO INC.						
J.K.Rector	(6)	5	A	31-21-36	6	1667
TEXAS PACIFIC OIL CO., INC.						
L.E.Ell.St.	(8)	1	P	27-20-36	8	2375
TWO STATES OIL CO.						
Etchevery	(7)	1	G	10-20-36	7	**33385
"	(5)	2	J	"	5	**36971
TOTAL		2			12	
WILSON OIL CO.						
Emt.St.	(5)	1	H	2-21-35	5	4067
THE WISER OIL COMPANY						
State SPX	(1)	1	B	33-20-36	1	6900
"	(2)	2	H	"	2	7000
"	(3)	3	A	"	3	6333
"	(5)	4	G	"	5	6600
TOTAL		4			11	
WOLVERINE OIL CO.						
Gulf Orcutt	(80)	1	B	25-21-35	70	5963
"	(8)	2	T	"	8	**10063
TOTAL		2			78	

ZACHRY, GUY R.						
Downes	(3)	3	B	6-22-37	3	9667
POOL TOTAL		387			4825	

EUNICE GRAYBURG SAN ANDRES

Top Allowable 70 GOR Limit 6,000

AMERADA DIVISION-AMERADA HESS CORP.						
H.L.Hous.	(19)	1	H	7-21-36	19	2269
"	(40)	2	A	"	40	1144
"		4	G	"	No C-116	
State W	(4)	1	H	30-20-37	2	*181235
"	(4)	3	F	"	3	*155638
TOTAL		4			64	
AMOCO PROD. CO.						
Gill.A Fed.	(5)	6	K	25-20-36	5	1160
" #2	(12)	3	G	"	12	5250
"	(13)	5	B	"	13	5615
"	(7)	8	J	"	7	1571
"	(45)	10	H	"	30	444
"	(12)	11	G	"	12	1917
"		13	F	24-20-36	Gas Well	
"	(5)	14	E	"	5	1000
McQuat.	(5)	2	B	11-21-36	5	*81800
State I	(5)	1	D	22-21-36	5	4000
"	(10)	2	C	"	10	5400
State J	(36)	1	E	22-21-36	15	1611
State C Tr. 11						
"		2	W	2-21-37	Gas Well	
TOTAL		11			119	
ATLANTIC RICHFIELD CO.						
E.C.Adkins	(2)	1	J	9-21-36	2	TSTM
"	(6)	2	G	"	6	**39333
"	(2)	3	O	"	2	**19500
"	(7)	4	B	"	7	857
"	(24)	6	P	"	24	1417
"	(14)	7	I	"	14	1143
"	(17)	10	H	"	17	2059
Coleman	(18)	2	C	17-21-36	18	1555
State 196	(8)	1	M	32-20-37	8	1000
State B	(17)	1	J	8-21-36	12	1117
"	(17)	2	I	"	17	2411
State C	(14)	1	W	5-21-36	14	642
"	(25)	2	X	"	25	880
State E	(31)	1	S	"	21	516
"	(87)	2	T	"	70	1045
State G	(32)	2	U	"	32	937
"	(60)	3	V	"	58	1183
State H	(14)	2	P	"	14	571
"	(2)	3	J	"	2	**8000
"	(15)	4	I	"	15	600
State K	(7)	1	V	6-21-36	7	3428
State L	(17)	5	D	3-21-36	7	1294
" #2	(9)	3	E	6-21-36	9	1000
"	(11)	4	D	"	11	2181
" #3	(9)	1	E	11-21-36	9	5777
" #4	(13)	2	F	22-21-36	13	4538
State M	(36)	1	I	36-20-36	16	1500
"	(10)	2	J	"	10	5400
State P	(18)	1	F	25-20-36	18	2333
"	(3)	2	C	"	3	2667
TOTAL		30			481	
B. W. P. INC.						
State A-20	(13)	2	J	20-20-37	13	**7692
"	(1)	3	O	"	1	3000
TOTAL		2			14	
BRUNO, EARL R.						
C.W.Marshall	(1)	3	M	12-21-36	1	*416700
CITIES SERVICE OIL CO.						
State F	(11)	1	O	30-20-37	11	2727

CONTINENTAL OIL CO.						
L'ht.A-18	(8)	1	P	18-21-36	8	2125
" B-14	(9)	3	A	14-21-36	9	1288
"	(4)	6	M	"	4	4400
A. E. Meyer A-1						
"	(66)	1	K	8-21-36	60	288
"	(50)	2	L	"	40	380
"	(18)	4	N	"	18	1720
"	(17)	5	A	18-21-36	17	1413
"	(19)	8	H	"	19	1475
"	(22)	9	E	17-21-36	22	2180
"	(23)	10	F	"	23	1220
"	(12)	11	K	"	12	2000
"	(82)	12	L	"	70	1000
"	(7)	13	I	18-21-36	7	3428
"	(54)	15	M	17-21-36	45	575
Meyer B-4	(6)	1	V	4-21-36	6	5430
"	(10)	2	W	"	10	2300
"	(5)	3	P	"	5	5660
"	(6)	4	B	"	6	2720
"	(20)	5	Q	"	20	1444
"	(37)	6	N	"	37	892
"	(30)	8	O	"	30	1090
"	(7)	9	K	"	7	3070
"	(29)	11	X	"	29	1130
"	(80)	13	J	"	70	1006
Meyer B-8	(80)	1	F	8-21-36	70	175
"	(51)	2	C	"	51	2060
"	(80)	3	E	"	70	300
"	(20)	4	D	"	20	100
Meyer B-9	(30)	1	K	9-21-36	30	1230
"	(12)	2	F	"	12	2775
"	(4)	4	C	"	4	**8050
Meyer B-17	(4)	1	I	17-21-36	4	TSTM
Reed B	(11)	2	H	23-20-36	11	1372
"	(9)	11	N	24-20-36	9	3444
"	(11)	12	K	"	11	881
"	(10)	13	M	"	10	1060
"	(26)	14	L	"	26	2460
State D #2	(5)	2	M	11-21-36	5	**13680
"	(3)	3	N	"	3	**20200
"	(5)	4	K	"	5	**22300
State D	(4)	5	H	15-21-36	4	**10325
"	(6)	6	B	"	6	**9950
"	(5)	7	A	"	5	**11480
"	(6)	8	O	"	6	**16420
"	(3)	9	G	"	3	**22866
"	(5)	10	I	"	5	**15360
TOTAL		46			944	
FIELDS, BERT, JR.						
Turn.St.	(3)	1	G	32-20-37	3	2333
"	(5)	3	F	"	5	1840
TOTAL		2			8	
GETTY OIL CO.						
O.L.Coleman	(41)	1	G	17-21-36	25	**8415
"	(22)	2	B	"	18	2000
"	(5)	5	A	"	5	4800
State AV	(22)	1	A	19-21-36	22	1727
State AW	(8)	1	A	16-21-36	8	**28000
State AX	(6)	1	H	"	6	**57000
State A	(6)	1	G	8-21-36	6	4500
"	(60)	2	H	"	60	1883
"	(28)	3	B	"	28	464
"	(54)	5	A	"	54	796
State D	(44)	1	J	16-21-36	44	2750
"	(8)	2	O	"	8	**32250
State E	(39)	1	I	"	39	1564
"	(4)	3	P	"	4	**6750
TOTAL		14			327	

GULF OIL CORP.						
R. R. Bell NCT-A						
"	(14)	1	O	8-21-36	14	2286
"	(11)	2	P	"	11	909
" NCT-B	(83)	1	X	6-21-36	70	253
"	(83)	2	Q	"	70	145
" NCT-C	(44)	1	D	15-21-36	44	1136
"	(28)	2	E	"	28	1607
"	(21)	3	C	"	21	**8619
"	(14)	4	F	"	14	**7500
" NCT-E	(7)	1	D	11-21-36	7	**29429
"	(10)	2	C	"	10	**24300
" NCT-F	(34)	1	N	36-20-36	34	2265
"	(3)	2	K	"	3	1667
"	(24)	3	F	"	24	4708
"	(26)	4	C	"	26	4769
H.C.Collins	(6)	3	G	14-21-36	6	833
Graham St.	(6)	1	W	6-21-36	6	833
Graham State NCT-E						
"	(19)	2	R	"	19	1000
Heas.St.	(8)	1	F	5-21-36	8	**8000
"	(25)	2	B	"	20	280
"	(18)	3	A	"	18	667
"	(6)	4	E	"	6	1333
"	(18)	5	D	"	18	**10556
"	(6)	6	C	"	6	**13667
A.F.Houston	(8)	2	I	7-21-36	8	250
J. F. Janda NCT-C						
"	(20)	1	L	15-21-36	20	3450
"	(20)	3	N	"	20	**14250
"	(40)	4	K	"	40	1500
H. Leonard NCT-A						
"	(6)	1	L	22-21-36	6	**8333
"	(24)	5	A	"	24	4875
H. T. Orcutt NCT-A						
"	(26)	2	M	5-21-36	26	1000
"	(9)	3	K	"	9	1444
"	(26)	4	F	6-21-36	26	846
"	(16)	5	L	5-21-36	16	1438
"	(45)	6	O	6-21-36	45	867
" NCT-B	(10)	2	H	5-21-36	10	4000
" NCT-C	(13)	1	H	6-21-36	13	615
"	(24)	2	A	"	24	1292
"	(25)	4	F	"	25	204
"	(16)	5	P	36-20-36	16	688
"	(29)	6	C	6-21-36	29	655
"	(15)	7	O	36-20-36	15	467
"	(12)	8	B	6-21-36	12	333
Acreage factor .975						
A.Ramsay NCT-C						
"	(72)	2	D	21-21-36	70	1111
"	(42)	4	E	"	42	1429
"	(14)	7	B	"	14	**6786
"	(8)	9	A	"	7	*63375
"	(6)	10	G	"	6	**12200
"	(5)	11	I	"	5	5000
"	(8)	12	J	"	8	**18125
"	(7)	14	K	"	7	857
Bell Ramsay NCT-A						
"	(4)	1	L	9-21-36	4	**6250
"	(27)	2	E	"	27	1074
"	(6)	3	M	"	6	**15833
"	(17)	4	D	"	17	1470
"	(6)	6	T	4-21-36	5	*84667
"	(11)	7	M	"	11	**10909
"	(12)	9	E	"	12	833
"	(8)	10	D	"	8	3875
"	(6)	13	U	"	6	4500
Sunshine	(6)	1	M	30-20-37	6	**25833
"	(4)	3	K	"	4	3250
L. W. White NCT-A						
"	(5)	1	P	25-20-36	5	**7000
"	(3)	2	I	"	3	**8000

GULF OIL CORP. CONT'D					
L. W. White NCT-A					
"	(1)	3 H	25-20-36	1	2000
"		5 A	"	Gas Well	
TOTAL		64		1141	
HUMBLE OIL & REFINING CO.					
A.J.Adkins	(5)	1 E	10-21-36	5	**7170
"	(18)	2 M	"	18	350
"	(6)	3 K	"	6	2850
"	(7)	5 N	"	7	266
"	(4)	7 F	"	4	3340
"	(5)	1 N	"	5	**8000
Hum.Agg.St.	(18)	2 M	31-20-37	14	5160
"	(9)	3 D	"	9	1850
"	(9)	5 K	"	9	**12700
"	(15)	6 G	"	15	916
"	(8)	8 C	"	8	3580
"	(10)	9 E	"	10	**10800
"	(11)	10 L	"	11	3350
"		11 A	"	S.I.	
L. C. Fopeano A/c-1					
"	(6)	1 N	25-20-36	6	1440
J.D.Knox	(3)	2 O	10-21-36	3	**7630
"	(12)	3 H	"	12	3530
"	(15)	4 B	"	15	**6100
"	(10)	5 P	"	10	5250
"	(10)	6 I	"	10	2060
"	(6)	7 G	"	6	1870
"	(20)	8 A	"	20	2170
TOTAL		21		203	
KOCH EXPLORATION CO.					
State A B-2456					
"	(15)	1 R	5-21-36	15	**9333
"	(14)	2 Q	"	14	**8357
TOTAL		2		29	
McINNIS, J. W. AND H. N. WOOD					
A.B.Reeves	(5)	1 F	29-20-37	4	*98000
"	(3)	2 K	"	3	**136333
TOTAL		2		7	
ME-TEX SUPPLY CO.					
Wall.St.	(3)	1 M	3-21-36	3	**7667
"	(2)	2 L	"	2	**8500
"	(2)	4 E	"	2	**10000
TOTAL		3		7	
RASMUSSEN, JAMES W.					
State G	(11)	1 U	2-21-36	11	**7000
SHELL OIL CO.					
O.L.Coleman	(8)	2 O	17-21-36	8	1875
State E	(59)	1 L	6-21-36	59	1271
State J	(4)	1 N	32-20-37	4	3500
"	(5)	3 P	"	5	5000
"	(5)	4 K	"	5	4400
State K	(11)	1 A	36-20-36	11	4909
"	(46)	2 H	"	40	1434
"	(82)	3 G	"	70	247
"	(35)	4 B	"	35	1314
TOTAL		9		237	
SKELLY OIL CO.					
A.J.Adkins	(17)	1 C	10-21-36	17	2176
J.Akens	(15)	1 U	3-21-36	15	867
O.L.Coleman	(19)	1D	17-21-36	19	1474
State B	(4)	1 D	16-21-36	4	**23000
"	(5)	2 E	"	5	**55200
"	(21)	3 C	"	21	**7048
"	(20)	4 B	"	20	**19050
"	(8)	6 F	"	8	**8500
State H	(9)	1 E	25-20-36	9	**7000

SKELLY OIL CO. CONT'D					
State H	(10)	2 D	25-20-36	10	**25400
TOTAL		10		128	
SUN OIL CO.					
Akens	(4)	3 W	3-21-36	4	2380
"	(4)	4 S	"	4	5250
"	(5)	5 X	"	5	4800
TOTAL		3		13	
TEXACO INC.					
New Mexico H State NCT-1					
"	(1)	1 P	31-20-37	1	TSTM
"	(9)	4 J	"	9	TSTM
"	(10)	5 I	"	10	TSTM
TOTAL		3		20	
TEXACO INC.					
Project (23 Units)					
Eunice-Monument Unit					
"		2 C	19-20-37	9	
"		3 B	"	44	
"		4 A	"	3	
"		5 D	20-20-37	6	
"		6 C	"	18	
"		11 E	19-20-37	1	
"		14 H	"	1	
"		16 F	20-20-37	20	
"		21 L	19-20-37	6	
"		23 J	"	10	
"		25 L	20-20-37	3	
"		26 K	"	9	
"		28 M	19-20-37	21	
"		29 N	"	12	
"		31 P	"	1	
"		33 N	20-20-37	1	
"		38 D	29-20-37	6	
"		39 C	"	5	
"		13 G	19-20-37	Input	
"		15 E	20-20-37	"	
"		22 K	19-20-37	"	
"		30 O	"	"	
"		32 M	20-20-37	"	
TOTAL		18		176	
TEXACO INC.					
Eunice-Monument Unit					
"	(9)	1 D	19-20-37	9	5667
"	(15)	7 B	20-20-37	15	1133
"	(5)	8 A	"	5	1600
"	(5)	9 D	21-20-37	5	2800
"	(3)	10 C	"	3	5667
"	(6)	17 G	20-20-37	6	1000
"	(2)	18 H	"	2	4000
"	(4)	19 E	21-20-37	4	1150
"	(1)	27 P	24-20-36	1	TSTM
"	(7)	34 D	30-20-37	7	**6143
"	(3)	40 B	29-20-37	3	**22333
TOTAL		11		60	
TWO STATES OIL CO.					
State	(2)	1 F	11-21-36	2	**20700
WILBANKS, BRUCE A.					
State G		1 K	6-21-36	No C-116	
THE WISER OIL COMPANY					
McQuatters		3 G	11-21-36	No C-116	
POOL TOTAL		259		4003	

EUNICE SAN ANDRES SOUTH
(80 Acre Spacing)

Top Allowable 140 GOR Limit 2,000

ANADARKO PRODUCTION CO.
Lou Wortham C

"	(180)	1	B	11-22-37	140	1970
"	(100)	2	G	"	100	**2410
Lou Wortham	(170)	5	C	"	140	1030
TOTAL	3				380	

HUMBLE OIL & REFINING CO.
N. M. State S Water Source

"	(118)	4	M	2-22-37	118	856
POOL TOTAL	4				498	

EUNICE SEVEN RIVERS QUEEN SOUTH

Top Allowable 70 GOR Limit 10,000

ATLANTIC RICHFIELD CO.

Hale WN	(2)	3	N	34-22-36	2	500
"	(5)	4	L	"	5	**26600
"	(6)	5	M	"	6	1333
D.D.Harr.WN	(7)	2	D	10-22-36	7	2285
"	(5)	3	C	"	5	3400
"	(4)	4	E	"	4	**50250
"	(5)	5	F	"	5	2600
R.M.Jones	(4)	2	D	35-22-36	4	1750
"	(4)	3	G	"	4	250
"	(3)	4	F	"	3	333
"	(3)	5	E	"	3	TSTM
C.Jones WN	(2)	2	D	34-22-36	2	5000
"	(2)	3	C	"	2	500
"	(3)	4	B	"	3	1333
"	(10)	5	F	"	10	4300
"	(5)	6	A	"	5	TSTM
"	(7)	7	H	"	7	1857
"	(8)	8	G	"	8	625
"	(10)	9	E	"	10	200
H. S. Record WN						
"	(7)	2	M	10-22-36	7	2143
"	(9)	3	L	"	9	111
"	(5)	4	K	"	5	1800
M.E.Ship.WN	(5)	2	L	27-22-36	5	600
"	(1)	3	K	"	1	9000
"	(1)	4	N	"	1	2000
Ship.A WN	(2)	2	D	"	2	**15500
"	(2)	3	E	"	2	3500
"	(5)	4	F	"	5	1600
St.157-A	(1)	1	O	9-22-36	1	1000
"	(2)	3	P	"	2	**12500
"	(2)	4	I	"	2	3500
St.157-G	(6)	2	G	5-22-36	6	833
"	(6)	4	B	"	6	333
TOTAL	33				149	

CAMPBELL & HEDRICK

Shell St.	(13)	1	M	32-21-36	13	3977

CITIES SERVICE OIL CO.

Closson	(13)	5	B	6-22-36	13	TSTM
"	(9)	6	O	"	9	"
"		8	A	"	Gas Well	
State H	(8)	1	A	17-22-36	8	**11200
"	(1)	2	H	"	1	6000
TOTAL	4				31	

CONTINENTAL OIL CO.

L'ht.B-31	(11)	3	O	31-21-36	11	1273
St.A-35-A	(7)	1	P	35-22-36	7	**15714
"	(1)	2	O	"	1	**97000
State E	(4)	2	I	17-22-36	4	5250
"	(1)	3	D	"	1	**290000
"	(8)	7	J	"	8	TSTM
TOTAL	6				32	

CONTINENTAL OIL CO.
South Eunice Unit

" #11	(2)	3	B	21-22-36	2	1000
" #15	(5)	5	D	22-22-36	5	**17915
" "	(6)	6	B	"	6	6600
" "	(16)	7	H	"	16	**23000
" "	(4)	8	G	"	4	9187
" "	(3)	9	F	"	3	743
" "	(11)	10	E	"	11	3154
" #11	(1)	11	H	21-22-36	1	**16000
" #14	(5)	14	E	"	5	3530
" #13	(3)	15	H	20-22-36	3	**11633
" #10		16	I	"	No C-116	
" #9	(4)	17	L	21-22-36	4	**38750
" #3	(5)	19	J	21-22-36	5	1400
" #6	(2)	21	L	22-22-36	2	4000
" "	(4)	23	J	"	4	4500
" "	(1)	25	P	"	1	**18000
" "	(5)	28	M	"	5	3600
" #4	(3)	30	O	21-22-36	3	1273
"	(4)	27	N	22-22-36	4	2750
" #5	(2)	33	A	29-22-36	2	7000
" "	(1)	42	H	"	1	2000
" "	(3)	43	I	"	3	5333
" #16	(5)	50	M	28-22-36	5	**36400
" #2	(5)	52	C	33-22-36	5	8800
" #8	(14)	53	B	"	14	1143
" "	(5)	54	H	"	5	**22800
" "	(5)	55	G	"	5	3600
" #7	(8)	58	K	"	8	4000
" "	(5)	59	J	"	5	6400
" "	(6)	62	O	"	6	6667
TOTAL	29				143	

GACKLE, ALBERT

R.Jones	(3)	2	L	35-22-36	3	**22333
"	(4)	3	K	"	4	1250
"	(4)	4	M	"	4	750
"	(8)	5	N	"	8	1000
TOTAL	4				19	

GULF OIL CORP.
A.L.Christmas NCT-A

"	(5)	9	H	27-22-36	5	**12200

J. F. Janda NCT-B

"	(6)	3	F	32-21-36	6	8000
"	(9)	4	O	"	9	**40300
" NCT-F	(8)	1	M	4-22-36	8	**20500
"	(4)	3	F	"	4	**28250
"	(3)	4	G	"	3	**53667
"	(2)	5	E	"	2	**82000
"	(6)	6	D	"	6	5167
"	(6)	7	K	"	6	5333
"	(1)	8	C	"	1	**158000
"	(2)	9	J	"	2	**14000
"	(5)	10	N	"	5	**32800
"	(3)	12	O	"	3	**73667
"	(5)	14	A	"	5	**71200

H. Leonard NCT-D

"	(5)	1	H	3-22-36	5	**21000
"	(4)	2	A	"	4	**31500
"	(4)	4	I	"	4	5750
"	(2)	5	B	"	2	**38500
"	(5)	6	L	"	5	**10000
"	(3)	7	E	"	3	7333
"	(6)	8	M	"	6	**10000
"	(3)	10	F	"	3	4333
"	(2)	11	J	"	2	4500
"	(5)	12	C	"	5	**15000
"	(5)	13	G	"	5	**12800
"	(4)	14	N	"	4	1000
"	(1)	15	P	"	1	2000

A. Ramsay NCT-D

"	(5)	6	K	33-21-36	5	**65000
"	(4)	7	M	"	4	**18500

GULF OIL CORP. CONT'D						
A. Ramsay NCT-D						
"	(6)	8	N	33-21-36	6	**41111
"	(4)	9	L	"	4	**57000
"	(4)	10	O	"	4	**66250
"	(1)	12	J	"	1	**444000
"	(4)	13	I	"	4	**86000
TOTAL	34				142	
KINGREA, GEORGE W.						
A.L.Christmas	1	J		25-22-36	No C-115	
LATE OIL CO.						
J.K.Rector	1	AG		31-21-36	No C-116	
LONG, C. E.						
Pech St.(8)	3	L		32-21-36	8	**34300
MARATHON OIL CO.						
McDonald State A/c-1-A						
"	(11)	1	M	15-22-36	11	6580
"	(6)	2	K	"	6	2976
"	(6)	3	E	"	6	1644
" A/c-1-B	(4)	1	O	26-22-36	4	3659
"	(4)	2	B	35-22-36	4	2035
"	(4)	3	J	26-22-36	4	6113
"	(4)	4	G	35-22-36	4	3188
"	(7)	8	I	"	7	7249
"	(2)	11	E	36-22-36	2	2285
"	(3)	12	N	"	3	6382
"	(5)	13	K	"	5	3224
"	(5)	14	O	"	5	2597
"	(3)	19	P	26-22-36	3	2105
"	(3)	20	I	"	3	2529
"	(10)	24	D	25-22-36	10	7406
"	(2)	25	G	26-22-36	2	4371
"	(9)	28	M	24-22-36	9	8348
"	(7)	30	N	"	7	7192
"	(2)	31	B	25-22-36	2	5122
"	(6)	33	G	"	6	1012
E.S.Owen et al						
"	(5)	1	L	"	5	2224
"	(5)	2	M	"	5	1755
"	(5)	4	K	"	5	1941
TOTAL	23				118	
MKA OIL PROPERTIES						
O.L.Jones B	(6)	1	J	34-22-36	6	8000
"	(6)	2	O	"	6	**10000
O.O.Jones G	(1)	1	I	"	1	**15000
"	(1)	2	P	"	1	**17000
TOTAL	4				14	
SHELL OIL CO.						
Christmas B	(5)	2	M	25-22-36	5	2200
"	(6)	3	L	"	6	2667
"	(12)	5	K	"	12	4250
TOTAL	3				23	
TEXAS PACIFIC OIL CO., INC.						
State A-2	(2)	10	M	8-22-36	2	**236000
"	(3)	14	B	11-22-36	2	*438333
"	(2)	15	C	"	2	*354000
"	(9)	27	P	4-22-36	9	**13111
"	(7)	28	I	5-22-36	7	**30857
"	(2)	31	F	5-22-36	2	**89500
"	(7)	34	J	"	7	**29571
"	(6)	39	C	9-22-36	6	**84833
"	(2)	44	F	5-22-36	2	3500
"	(5)	45	K	"	5	3800
"	(3)	47	C	"	3	7666
"	(4)	48	B	9-22-36	4	**89500
"	(3)	50	A	"	2	*456333
TEXAS PACIFIC OIL CO., INC. CONT'D						
State A-2	(6)	57	G	9-22-36	6	**56666
TOTAL	14				59	
TEXAS PACIFIC OIL CO., INC.						
Project. (23 Units)						
State A-2		1	N	9-22-36	1	
"		3	G	8-22-36	8	
"		4	M	9-22-36	4	
"		7	D	8-22-36	3	
"		24	I	"	12	
"		25	A	"	6	
"		29	D	9-22-36	8	
"		30	E	"	5	
"		33	O	5-22-36	6	
"		37	K	8-22-36	5	
"		46	N	5-22-36	6	
"		49	C	8-22-36	3	
"		52	H	"	1	
"		53	N	"	10	
"		54	O	"	17	
"		58	L	8-22-36	5	
"		59	J	"	4	
"		23	H	8-22-36	Input	
"		26	B	"	"	
"		32Y	L	9-22-36	"	
"		51	F	8-22-36	"	
"		55	P	"	"	
"		61	J	"	"	
TOTAL	17				104	
THE WISER OIL CO.						
Shell A St.	(7)	1	D	16-22-36	7	**95000
WOLFSON OIL CO.						
State H	(7)	3	B	17-22-36	5	*140000
"	(38)	4	G	"	38	**16900
TOTAL	2				43	
POOL TOTAL	176				905	

FEATHER WOLFCAMP

Top Allowable 264 GOR Limit 2,000

FEATHERSTONE, OLEN F.						
Cabot St.	(27)	1	C	29-15-32	27	967

FIELD RANCH WOLFCAMP

Top Allowable 264 No GOR Limit

UNION OIL CO. OF CALIFORNIA						
Ell.Fed.	(11)	1	O	27-11-38	7	

FLYING M ABO

(80 Acre Spacing)

Top Allowable 264 GOR Limit 2,000

COASTAL STATES GAS PRODUCING CO.						
Fly.M St.	(18)	1	D	15-9-33	18	1111
So.Min.St.	(48)	1	J	16-9-33	48	1063
TOTAL	2				66	
FURCO PETROLEUM CORP.						
Robinson	(25)	1	H	23-9-33	25	**2802
SOUTHWEST PRODUCTION CO.						
J.C.Ainsw.		1	F	23-9-33	No C-116	
POOL TOTAL	3				91	

FLYING M PENN

Top Allowable 264 GOR Limit 2,000

TENNECO OIL CO.						
Coastal St.	(35)	1	N	9-9-33	35	760

FLYING M FENN SOUTH
(80 Acre Spacing)
Top Allowable 334 GOR Limit 2,000

BTA OIL PRODUCERS					
FMS 664 Ltd.					
"	(36)	1 M	19-9-33	36	333
"	(18)	2 N	"	18	222
TOTAL		2		54	
HANKS, ROGER C.					
Alice Ann(150)		1 A	25-9-32	150	**2000
IMPERIAL AMERICAN MANAGEMENT CO.					
Keith Crouse					
"		1 C	25-9-32	No C-116	
Marg McGuffin					
"		1 M	24-9-32	No C-116	
UNION TEXAS PETROLEUM CORP.					
McGuffin(14)		1 C	30-9-33	14	786
POOL TOTAL		4		218	

FLYING M SAN ANDRES
(80 Acre Spacing)
Top Allowable 140 GOR Limit 2,000

COASTAL STATES GAS PRODUCING CO.					
Flying M San Andres Unit					
Tr. 1A	(27)	2 H	29-9-33	25	370
"	(43)	5 J	"	40	167
Tr. 3	(22)	1 N	17-9-33	25	500
"		2 L	"	S.I.	
Tr. 4	(11)	4-I,1 P	"	15	1364
"	(5)	3 H	"	10	TSTM
Tr. 5	(41)	1 G	16-9-33	50	"
"	(6)	3 E	"	10	"
Tr. 6	(9)	1 F	"	15	"
Tr. 9	(71)	3 J	"	75	"
Tr. 10	(49)	4-M,2 L	"	55	"
Tr. 13	(164)	1 F	21-9-33	160	1311
"	(19)	2 C	"	10	1158
"	(25)	4 B	20-9-33	S.I.	
Tr. 14	(25)	4-I,1 P	"	15	1600
Tr. 15	(23)	1 B	21-9-33	40	1130
"	(10)	3 P	"	10	TSTM
Tr. 17	(77)	3-O,1 J	"	70	883
"	(37)	2 L	"	35	1730
Tr. 20		1 F	32-9-33	S.I.	
Tr. 25	(13)	1 D	28-9-33	20	765
"	(36)	3 L	"	25	639
"	(16)	4 N	"	15	375
Tr. 24	(41)	1 N	29-9-33	45	512
Tr. 26	(18)	1 B	28-9-33	35	TSTM
Tr. 27	(45)	1 J	"	25	1111
"	(15)	2 O	"	30	1067
Acreage factor .600					
Tr. 30	(22)	7 B	33-9-33	20	TSTM
Tr. 31	(19)	1 P	"	20	"
Tr. 32	(25)	1 B	4-10-33	30	"
Tr. 34	(32)	1 L	29-9-33	35	125
Tr. 1-A		3 P	29-9-33	Input	
Tr. 3		3 F	17-9-33	"	
Tr. 4		2 J	"	T.A.	
Tr. 5		2 D	16-9-33	Input	
Tr. 7		1 H	16-9-33	"	
Tr. 8		1 N	"	"	
Tr. 13		3 H	20-9-33	"	
"		5 F	"	"	
Tr. 14		2 J	29-9-33	"	
Tr. 15		2 N	21-9-33	"	
Tr. 16		4 H	21-9-33	"	
Tr. 19		2 L	22-9-33	"	
Tr. 21		1 B	32-9-33	"	
Tr. 30		9 H	33-9-33	"	
Tr. 25		2 F	28-9-33	"	
Tr. 1 A		1 B	29-9-33	"	

COASTAL STATES GAS PRODUCING CO. CONT'D
Flying M San Andres Unit

Tr. 1 B		4 D	33-9-33	Input	
TOTAL		32		960	
COASTAL STATES GAS PRODUCING CO.					
McGuffin(100)		1 F	29-9-33	92	300

FLYING M SAN ANDRES CONTINUED

UNION TEXAS PETROLEUM CORP.
New Mexico "4"
" (25) 1 J 4-10-33 25 TSTM

POOL TOTAL 34 1077

FOSTER SAN ANDRES

Top Allowable 70 No GOR Limit
MARTINDALE PETROLEUM CORP.
Foster (12) 1 D 5-19-39 9

FOUR LAKES PENN
(80 Acre Spacing)

Top Allowable 397 No GOR Limit
HUMBLE OIL & REFINING CO.
South Four Lakes Unit
" (110) 1 B 2-12-34 110
" (136) 2 G " 136

POOL TOTAL 2 246

FOWLER DEVONIAN

Top Allowable 164 GOR Limit 2,000
GULF OIL CORP.
S.J.Carr(148) 6 L 10-24-37 83 *3952
" (80) 7 K " 64 *5163
J.R.Holt NCT-A
" (43) 3 G 16-24-37 43 **6070

POOL TOTAL 3 190

FOWLER ELLENBURGER
(80 Acre Spacing)

Top Allowable 334 GOR Limit 2,000
AMOCO PROD. CO.
South Mattix Unit Federal
" (69) 1 J 15-24-37 68 **3625
" (205) 4 F " 161 394
" (62) 5 H 22-24-37 59 127
" (41) 6 L 15-24-37 41 1745
" (77) 25-C,7 D " 77 1987
" (121) 24-O,8 P " 101 678
" (50) 15 A 22-24-37 38 **3383
Acreage factor 0.75
" (157)17 G 15-24-37 148 541
" (207)21 K " 207 515

TOTAL 11 900
GULF OIL CORP.
Lillie (206) 1 D 23-24-37 206 1204
" (98) 3 E " 98 603
Pl.Knight(160)1 L " 160 406

TOTAL 3 464
HUMBLE OIL & REFINING CO.
J. A. E. Knight
" (144) 2 M 14-24-37 144 410
Acreage factor .500
N.M. AB St.(37)1 H 16-24-37 37 405

TOTAL 2 181

POOL TOTAL 16 1545

FOWLER FUSSELMAN

Top Allowable 164 No GOR Limit
GULF OIL CORP.
Pl.Knight 3 L 23-24-37 Gas Well

FOWLER UPPER YESO
(80 Acre Spacing)

Top Allowable 164 GOR Limit 6,000
AMOCO PRODUCTION COMPANY
South Mattix Unit Federal
" (31) 1 J 15-24-37 31 1768
" (34) 2 N " 34 1440
" (7) 3 B 22-24-37 7 **6132

FOWLER UPPER YESO CONTINUED

AMOCO PRODUCTION COMPANY CONT'D
South Mattix Unit Federal
" (6) 9 B 15-24-37 6 **13552
" (16) 10 H " 16 **8856
" (195) 12 P 22-24-37 164 1690
Acreage factor .500
" (37) 13 I " 37 **8530
" (36) 14 K 15-24-37 36 4067
" (7) 18 G 22-24-37 7 **7967
" (5) 19 C " 5 **9625
" (41) 20 E 15-24-37 41 2837
" (22) 22 C " 22 3953
" (9)16-23 O " 9 **100777
State D (81) 3 B 16-24-37 81 394
Acreage factor .500
Meyers B Fed. RAA
" 12 P 9-24-37 164

TOTAL 16 660
GULF OIL CORP.
S.J.Carr(14) 5 N 10-24-37 14 1643
Lillie (19) 2 D 23-24-37 19 **10474
" (17) 4 F " 17 **10706
Pl.Knight(12) 2 N " 12 3750
Bertha (176) 2 M " 164 1362

TOTAL 5 226
HUMBLE OIL & REFINING CO.
J. A. E. Knight
" (8) 3 J 23-24-37 8 875
N.M.AB St.(12) 2 H 16-24-37 12 583

TOTAL 2 20
SKELLY OIL CO.
Mexico G (22) 2 F 16-24-37 22 682

POOL TOTAL 24 928

GALLINA SAN ANDRES

Top Allowable 70 GOR Limit 2,000
DAVIS, R. E.
Wilson Fed.(30)1 D 6-8-32 10 TSTM

GARRETT DEVONIAN WEST

Top Allowable 473 GOR Limit 2,000
FREEPORT OIL CO.
Mattie Price
" (440) 1 A 6-17-38 440 27
" (300) 2 H " 300 38
" (231) 3 I " 231 56
" (64) 4 O " 64 146

POOL TOTAL 4 1035

GARRETT SAN ANDRES

Top Allowable 94 No GOR Limit
LEA COUNTY WATER CO.
Peoples Security
" 1 L 23-16-38 4

EAST GEM YATES

Top Allowable 70 GOR Limit 2,000
AMOCO PRODUCTION COMPANY
Bate Fed.(97) 1 N 26-19-33 70 TSTM

GLADIOLA DEVONIAN

Top Allowable 473 No GOR Limit
AMOCO PRODUCTION CO.
Houston A(18) 1 L 19-12-38 18
St. A-19(21) 2 A " 21
St. B-19(18) 1 K " 18
Wingerd (39) 2 H " 39
" (5) 5 A 24-12-37 5
" (27) 6 I " 27
" (38) 10 J 19-12-38 38

GLADIOLA DEVONIAN CONTINUED

AMOCO PRODUCTION CO. CONT'D					
Wingerd(42)	12	O	19-12-38	42	
" (32)	13	P	"	32	
TOTAL 9				240	
ATLANTIC RICHFIELD CO.					
J.Shults(270)	1	O	13-12-37	200	11
" (70)	6	I	"	50	28
TOTAL 2				250	
GULF OIL CORP.					
Lea AV St.(13)	1	D	19-12-38	13	TSTM
" (14)	4	F	"	14	"
" (22)	5	C	"	22	"
M.M.Harris	1	C	8-12-38	No C-116	
TOTAL 3				49	
McALESTER FUEL CO.					
Brnfld.A(245)	1	B	24-12-37	220	159
N.M. A Fed.(43)	1	O	6-12-37	43	380
TOTAL 2				263	
McKNIGHT, BYRON					
Newmont(60)	1	K	7-12-38	60	TSTM
SIGNAL OIL & GAS CO.					
Slack etal(24)	4	D	18-12-38	24	TSTM
SUN OIL CO.					
Z.Taylor(73)	1	B	7-12-38	73	430
" (52)	2	G	"	52	315
" (23)	3	A	"	23	450
TOTAL 3				148	
POOL TOTAL 21				1034	

GLADIOLA DEVONIAN SOUTHWEST
(80 Acre Spacing)
Top Allowable 543 No GOR Limit

BTA OIL PRODUCERS					
Glad 7105 JV-D					
"	1	G	26-12-37	151	
CITIES SERVICE OIL CO.					
Turner D(105)	1	N	27-12-37	100	TSTM
INGRAM, TOM L.					
Midhurst(200)	1	D	35-12-37	200	100
" (25)	2	F	"	25	120
TOTAL 2				225	
MALLARD EXPLORATION, INC.					
Lowe (68)	1	A	34-12-37	68	TSTM
MOSS, H. S.					
Peck (266)	3	L	26-12-37	140	TSTM
" (71)	4	N	"	71	"
TOTAL 2				211	
POOL TOTAL 7				755	

GLADIOLA PENN SOUTHWEST
(80 Acre Spacing)
Top Allowable 467 No GOR Limit

INGRAM, TOM L.					
Craig(390)	1	K	27-12-37	25	

GLADIOLA WOLFCAMP
Top Allowable 264 No GOR Limit

GULF OIL CORP.					
Lea AV St.(18)	2	E	19-12-38	12	

GLADIOLA WOLFCAMP CONTINUED

INGRAM, TOM L.					
Craig A(190)	1	H	27-12-37	100	
Foster	1	P	27-12-37	30	
TOTAL 2				130	
SKELLY OIL CO.					
M.A.Foster(223)	2	I	27-12-37	30	
POOL TOTAL 4				172	

GOODWIN ABO
Top Allowable 164 GOR Limit 2,000

AMERADA DIVISON-AMERADA HESS CORP.					
St.WM E(39)	2	D	31-18-37	39	727
CONTINENTAL OIL CO.					
St.GG-30(25)	2	M	30-18-37	25	TSTM
POOL TOTAL 2				64	

GOODWIN DRINKARD
Top Allowable 164 GOR Limit 2,000

CONTINENTAL OIL CO.					
Goodwin 30(20)	1	E	30-18-37	20	TSTM
" (11)	2	F	"	11	"
St.GG-30(16)	3	N	"	16	330
POOL TOTAL 3				47	

HALFWAY YATES
Top Allowable 70 No GOR Limit

BEARING SERVICE & SUPPLY INC.					
Little Eddy Unit					
" (24)	16	F	16-20-32	24	
Phillips State					
" (14)	1	G	"	14	
Stout St.(14)	1	B	"	14	
TOTAL 3				52	
PRICE, MRS. BERTIE NOLAN					
Texas State	3	J	16-20-32	No C-115	
POOL TOTAL 3				52	

HARDY BLINEBRY
Top Allowable 94 GOR Limit 2,000

AMOCO PRODUCTION CO.					
State C Tr. 11					
" (50)	3	R	2-21-36	17	**2700
" (10)	4	O	"	3	1000
POOL TOTAL 2				20	

HARE SIMPSON
Top Allowable 164 GOR Limit 2,000

AZTEC OIL & GAS CO.					
State(12)	4	M	2-21-37	12	**4833
CITIES SERVICE OIL CO.					
State S(4)	4	E	15-21-37	4	**4000
" (5)	5	F	"	5	**5800
TOTAL 2				9	
CONTINENTAL OIL CO.					
Hawk B-3(3)	4	Q	3-21-37	3	**60667
L'ht.B-12(1)	2	D	12-21-37	1	**3000
M.E.Wantz(27)	1	N	"	27	**3590
" (12)	2	O	"	12	**5750
TOTAL 4				43	
ELLIOTT OIL CO.					
Elliott	1	U	1-21-37	No C-116	
GETTY OIL CO.					
State S	5	D	15-21-37	No C-116	

HARE SIMPSON CONTINUED

GULF OIL CORP.

J. N. Carson NCT-A					
"	(27)	10 J	28-21-37	27	1519
King	(15)	14 G	"	15	1533
"	(55)	23 B	"	55	818
H. Leonard NCT-F					
"	(11)	15 O	2-21-37	11	TSTM
TOTAL 4				108	
HUMBLE OIL & REFINING CO.					
N.M. V St.(13)	4	N	10-21-37	13	**3769
"	(24)	9 K	"	24	542
TOTAL 2				37	
MOBIL OIL CORP.					
E.O.Carson					
"	(9)	9 E	33-21-37	9	**8433
"	(2)	21 L	28-21-37	2	**6400
TOTAL 2				11	
SHELL OIL CO.					
Argo	(4)	11 K	14-21-37	4	**19000
"	(3)	12 M	"	3	**20000
St.Sec.2	(34)	3 U	2-21-37	34	**3176
"	(4)	14 N	"	4	**24250
Taylor G	(12)	4 I	3-21-37	12	**3667
Turner	(12)	10 K	22-21-37	12	**3917
TOTAL 6				69	
POOL TOTAL 21				289	

HIGH PLAINS PENN
(160 Acre Spacing)

Top Allowable 537 GOR Limit 2,000

CAYMAN CORP.					
High Plains	(28)	1 K	14-14-34	20	1214
TEXAS CRUDE OIL & ATLANTIC RICHFIELD CO.					
State	(28)	1-23 M	23-14-34	28	900
DELAWARE APACHE CORP.					
High Pl.	(30)	1 A	22-14-34	30	**3233
POOL TOTAL 3				78	

HIGHTOWER PERMO PENN

Top Allowable 210 GOR Limit 2,000

AMERADA DIVISON-AMERADA HESS CORP.					
B.C.Church		1 L	26-12-33	Gas Well	
State BTB	(9)	1 D	"	9	**17440
"	(32)	2 F	"	32	**4688
State BTE	(3)	1 N	23-12-33	3	**88333
TOTAL 3				44	
MAJOR, GIEBEL & FORSTER					
Hope St.	(1)	1 P	22-12-33	1	**105000
POOL TOTAL 4				45	

EAST HIGHTOWER LOWER PENN
(80 Acre Spacing)

Top Allowable 397 GOR Limit 2,000

TEXAM OIL, CORP.					
State	(20)	1 B	30-12-34	20	1095

Acreage factor .500

EAST HIGHTOWER UPPER PENN
(80 Acre Spacing)

Top Allowable 94 GOR Limit 2,000

BLACKROCK OIL CO.					
State CY	(40)	1 M	30-12-34	40	975

Acreage factor .963

PETROLEUM CORP. OF TEXAS					
H.T.St	(13)	1 P	25-12-33	13	**2462

EAST HIGHTOWER UPPER PENN CONTINUED

PETROLEUM CORP. OF TEXAS CONT'D					
HTA St.	(44)	1 B	36-12-33	44	977
TOTAL 2				57	
POOL TOTAL 3				97	

HOBBS BLINEBRY

Top Allowable 94 GOR Limit 2,000

AMERADA DIVISON-AMERADA HESS CORP.					
State A	(97)	4 B	32-18-38	94	505
"	(99)	5 A	"	94	363
TOTAL 2				188	
AMOCO PRODUCTION CO.					
State G	(161)	5 E	33-18-38	94	335
"	(130)	6 F	"	94	346
TOTAL 2				188	
CHEVRON OIL CO.					
State I	(153)	5 O	29-18-38	94	176
"	(120)	6 P	"	94	349
TOTAL 2				188	
CITIES SERVICE OIL CO.					
Fowler	(35)	9 A	31-18-38	35	250
CONTINENTAL OIL CO.					
State A-29	(86)	7 N	29-18-38	75	1029
"	(26)	8 K	"	26	**3451
TOTAL 2				101	
GETTY OIL CO.					
H.D McKinley					
"	(55)	8 H	30-18-38	55	91
"	(18)	9 G	"	18	167
"	(15)	10 B	"	15	67
TOTAL 3				88	
GULF OIL CORP.					
W. D. Grimes NCT-A					
"	(141)	16 D	32-18-38	94	71
"	(97)	17 C	"	94	82
"	(116)	18 F	"	94	43
"	(16)	19 E	"	16	188
"	(27)	20 K	"	27	74
W.D.Grimes NCT-B					
"	(41)	7 B	33-18-38	41	1171
TOTAL 6				366	
HUMBLE OIL & REFINING CO.					
Bowers A Federal					
"	(55)	1 I	30-18-38	50	73
"	(107)	28 M	29-18-38	94	176
"	(99)	29 L	"	92	81
"	(35)	30 P	30-18-38	33	171
"	(12)	31 E	29-18-38	12	250
TOTAL 5				281	
MARATHON OIL CO.					
State 32	(43)	9 J	32-18-38	43	744
SHELL OIL CO.					
Shell A State					
"	(206)	6 G	32-18-38	94	257
"	(134)	7 H	"	94	201
State B	(80)	5 D	33-18-38	80	211
Grimes	(44)	9 M	28-18-38	44	227
"	(16)	11 N	"	16	500
McKinley A	(7)	11 N	19-18-38	7	**2000
TOTAL 6				335	
POOL TOTAL 30				1813	

HOBBS BLINEBRY EAST

Top Allowable 124 No GOR Limit

MARTINDALE PETROLEUM CORP.

Davis (15)	2	J	29-18-39	14	

Acreage factor .650

HOBBS DRINKARD

(80 Acre Spacing)

Top Allowable 194 GOR Limit 3,000

AMERADA DIVISION-AMERADA HESS CORP.

State A(17)	5	A	32-18-38	17	**26352

AMOCO PRODUCTION CO.

State G(59)	5	E	33-18-38	55	1864

CHEVRON OIL CO.

State I (35)	5	O	29-18-38	30	**7360

CONTINENTAL OIL CO.

State A-33(28)12	L		33-18-38	20	**17055

GETTY OIL CO.

H. D. McKinley					
" (48)	9	G	30-18-38	48	1666
" (35)	11	A	"	35	**3943
W. D. Grimes(8)	6	I	29-18-38	8	**24000
TOTAL 3				91	

HUMBLE OIL & REFINING CO.

Bowers A Federal					
" (120)	31	E	29-18-38	100	1167

MARCUM DRILLING CO.

Hobbs St.(39)	1	F	29-18-38	39	**4564
Acreage factor .500					
Hobbs St.(30)	2	G	"	30	1017
TOTAL 2				69	

SHELL OIL CO.

Grimes (45)	9	M	28-18-38	35	**7911
" (22)	10	L	"	22	**15682
State A(84)	7	H	32-18-38	50	**5964
State B(140)	6	C	33-18-38	140	1150
TOTAL 4				247	

POOL TOTAL 14 629

HOBBS (G-SA)

Top Allowable 70 GOR Limit 3,500

AMERADA DIVISION-AMERADA HESS CORP.

B.Hardin(11)	5	K	18-18-38	8	**18636
H.D.McKin.(59)	1	D	30-18-38	59	864
" (80)	2	F	"	70	2525
" (80)	3	C	"	70	2237
" (77)	4	E	"	70	584
State A(88)	1	B	32-18-38	70	2750
" (86)	2	A	"	70	1255
State B(87)	1	F	29-18-38	70	1735
" (82)	2	G	"	70	1597
" (81)	3	B	"	70	3000
" (36)	4	C	"	30	2972
State C(20)	1	A	36-18-37	20	2947
" (11)	2	H	"	11	2273
" (6)	3	G	"	6	333
State E (69)	1	E	24-18-37	60	1840
St. WHB(9)	1	O	14-18-37	9	**4111
TOTAL 16				763	

AMOCO PRODUCTION CO.

Byers A(102)	8	D	3-19-38	50	*4902
" (66)	26	F	"	66	2621
" (41)	29	E	"	33	*7537
" (32)	30	C	"	32	2656
Byers B(83)	8	B	4-19-38	42	*5795

HOBBS (G-SA) CONTINUED

AMOCO PRODUCTION CO. CONT'D

Byers B(174)	11	A	4-19-38	69	*3534
" (81)	26	H	"	42	*5850
" (62)	33	G	"	23	*10887
Capps (115)	7Y	J	3-19-38	70	1200
" (31)	8	L	"	31	**3968
" (9)	10Y	I	"	9	**4778
" (33)	11	K	"	33	1485
" (82)	26	N	"	70	2244
" (11)	27	P	"	11	**3636
" (16)	30Y	O	"	16	2938
" (84)	31	M	"	58	*4238
Leech R/AA(7)	24	F	15-19-38	7	**5129
" R/AB (6)	1	K	"	6	**4000
McKinley(135)	1	C	5-19-38	46	*5311
" (103)	6	D	"	46	*5330
" (58)	26	F	"	33	*7483
" (85)	29	E	"	70	1883
State A (9)	13	C	15-19-38	9	1000
" (7)	2	D	"	7	1714
" (80)	8	D	10-19-38	70	3275
" (22)	24-36	N	"	22	773
" (13)	29	M	"	13	923
" (94)	30	E	"	70	1441
" (55)	4	J	4-19-38	49	*5036
" (104)	5	A	9-19-38	70	3139
" (64)	6	B	"	60	*4094
" (39)	9	K	4-19-38	27	*9128
" (63)	10	I	"	38	*6429
" (128)	11	C	"	70	3164
" (100)	12	P	"	70	2638
" (39)	14	N	"	39	2670
" (39)	15	C	9-19-38	39	2667
" (120)	17	D	4-19-38	70	3325
" (41)	19	N	5-19-38	41	**5366
" (56)	35-20	G	9-19-38	56	3411
" (72)	21	M	5-19-38	70	1708
" (64)	22	L	"	64	3273
" (126)	23	K	"	70	1595
" (71)	26	H	9-19-38	70	2225
" (41)	32	F	4-19-38	39	*6341
" (41)	33	E	"	30	*8293
State A (24)	16	F	9-19-38	24	2083
State A/3(77)	25	P	33-18-38	57	*4280
State G(109)	1	E	"	70	2248
" (95)	2	F	"	70	2242
State H (29)	1	C	6-19-38	29	2207
" (14)	2	F	"	14	1000
" (4)	3	D	"	4	475

Acreage factor .975

Terry (14)	8	D	9-19-38	14	1714
" 1 R/AA(7)	8	J	"	7	2200
" (20)	11	I	"	20	1750
" R/AB (13)	27	P	"	13	908
" (10)	28	O	"	10	*24700
Terry 2 (12)	8	L	10-19-38	12	**10808
" (46)	14-13	K	"	32	*7609
Terry 3(7)	21	E	9-19-38	7	TSTM
Thorp R/AB(70)	7Y	B	10-19-38	70	3400
" (10)	10	A	"	10	1000
" R/AA (36)	11	C	"	36	3056
" (62)	26	F	"	62	3050
" R/AC (83)	27	H	"	70	1615
" (99)	30Y	G	"	70	778
Turn.1 R/AB(122)	8	D	34-18-38	70	1656
" R/AA (82)	29	E	"	70	1268
Turner-2(115)	8Y	L	"	70	1930
" (56)	11	K	"	56	1328
" (146)	26	N	"	70	1767
" (81)	29	M	"	65	*3778
State A (83)	18	O	4-19-38	63	*3892
TOTAL 77				3191	

ANTWEIL, MORRIS R.						
Hobbs Cone Townsite						
"	(13)	1	J	21-18-38	13	**8265
ATLANTIC RICHFIELD CO.						
O.O.Brad.	(98)	1	A	6-19-38	70	1603
"	(88)	6	B	"	70	2465
"	(72)	7	H	"	57	*4333
Grimes	(18)	1	O	20-18-38	18	1944
W. D. Grimes SOC						
"	(68)	1	E	28-18-38	62	*3941
"	(67)	2Y	F	"	20	865
"	(10)	3	D	"	10	**8300
"	(71)	4	C	"	70	1521
TOTAL		8			377	
BYROM, W. K.						
Atl.Brad.	(15)	5	G	6-19-38	10	**3175
O.O.Brad.	(16)	1	I	"	14	1950
"	(18)	2	P	"	18	1580
" B	(32)	1	J	"	25	2010
J.R.Holt	(20)	1	B	36-18-37	16	1705
H.T.Orcutt	(20)	1	C	8-19-38	15	1410
"	(10)	2	D	"	10	940
TOTAL		7			108	
CHEVRON OIL CO.						
McKinley	(15)	1	F	20-18-38	15	**4760
State 17	(5)	1	L	17-18-38	5	1660
State 29	(85)	3	P	29-18-38	62	*3950
"	(61)	4	O	"	61	1818
TOTAL		4			143	
CITIES SERVICE OIL CO.						
Fowler	(51)	1	A	31-18-38	51	456
"	(45)	2	B	"	45	TSTM
"	(85)	3	G	"	70	640
"	(70)	4	H	"	70	840
Hardin	(14)	1	F	19-18-38	14	**3078
"	(31)	2	E	"	25	2212
"	(20)	3	C	"	16	1800
"	(38)	5	D	"	30	926
Acreage factor .950						
TOTAL		8			321	
CONTINENTAL OIL CO.						
W. D. Grimes						
"	(95)	1	O	28-18-38	70	874
"	(88)	2	P	28-18-38	70	1533
"	(112)	3	J	"	70	774
"	(94)	4	I	"	70	1280
State A-5	(50)	1	J	5-19-38	45	1860
"	(35)	2	O	"	30	2828
State A-29	(107)	1	J	29-18-38	70	881
"	(111)	2	N	"	70	2796
"	(83)	3	K	"	70	344
State A-33	(110)	1	M	33-18-38	70	2946
"	(87)	2	L	"	70	2493
"	(109)	3	K	"	70	850
"	(95)	4	J	"	70	1496
"	(84)	5	O	"	70	3463
"	(91)	6	N	"	70	227
"	(103)	7	G	"	70	1425
State B-13	(10)	1	N	13-18-37	10	830
"	(2)	2	M	"	2	**3900
"	(5)	4	F	"	5	1120
"	(7)	5	E	"	7	1185
"	(7)	6	C	"	7	600
"	(8)	7	L	"	8	1325
" B-25	(186)	1	C	25-18-37	70	2016
"	(5)	2	D	"	5	1460
TOTAL		24			1169	

GACKLE, ALBERT						
O.B.Terry	(9)	1	A	8-19-38	9	TSTM
GETTY OIL CO.						
W.D.Grimes						
"	(82)	3	I	29-18-38	70	1110
"	(81)	4	H	"	70	691
H. D. McKinley						
"	(82)	1	G	30-18-38	70	988
"	(82)	2	H	"	70	1610
"	(86)	4	B	"	70	1221
"	(55)	5	A	"	55	2564
B.Hardin	(12)	1	G	19-18-38	12	**7083
"	(38)	2	H	"	38	**3868
"	(31)	3	B	"	26	1871
"	(22)	4	A	"	22	2455
State B	(13)	1	H	14-18-37	13	TSTM
"	(4)	2	G	"	4	"
TOTAL		12			520	
GULF OIL CORP.						
Graham State NCT-A						
"	(60)	1	H	24-18-37	50	1683
"	(41)	3	G	"	38	**3780
"	(14)	4	B	"	14	1786
"	(66)	6	A	"	61	*4015
W. D. Grimes NCT-A						
"	(81)	2	F	32-18-38	70	926
"	(54)	3	K	"	54	1611
"	(97)	5	M	"	70	2680
"	(113)	7	C	"	70	1085
"	(78)	8	E	"	70	2987
"	(76)	9	L	"	70	1158
"	(55)	10	D	"	55	2891
"	(81)	15	N	"	70	1235
W. D. Grimes NCT-B						
"	(34)	1	I	33-18-38	34	824
"	(88)	2	H	"	68	*3614
"	(138)	3	B	"	70	1812
"	(131)	4	A	33-18-38	70	1282
W. D. Grimes NCT-C						
"	(12)	1	M	21-18-38	12	2833
"	(9)	2	N	"	9	**4556
"	(12)	3	L	"	12	**7000
D. W. Hardin						
"	(12)	2	P	18-18-38	12	**5000
"	(8)	3	I	"	8	**5125
"	(5)	4	G	"	5	**5600
"	(13)	5	J	"	13	**9231
"	(2)	6	H	"	2	**6000
"	(5)	7	B	"	5	2600
"	(2)	8	A	"	2	**5000
Lea FO St.	(6)	1	N	14-18-37	6	**3667
TOTAL		27			1020	
HUMBLE OIL & REFINING CO.						
Bowers A Fed.						
"	(74)	2	J	30-18-38	70	216
"	(92)	3	M	29-18-38	70	554
"	(86)	4	P	30-18-38	70	1267
"	(70)	5	I	"	70	586
"	(96)	7	E	29-18-38	70	750
"	(45)	8	O	30-18-38	45	600
"	(82)	10	L	29-18-38	70	854
Bowers B Fed.						
"	(14)	1	D	29-18-38	14	2929
W. D. Grimes						
"	(41)	1	A	"	41	2610
N.M. A St.	(99)	1	I	25-18-37	70	1889
"	(12)	5	O	"	12	**7917
"	(22)	6	K	"	22	1455
"	(40)	7	P	"	40	**4850

HUMBLE OIL & REFINING CO. CONT'D						
N.M. A St.	(83)	8	J	25-18-37	70	2687
"	(12)	9	N	"	12	1583
TOTAL	15				746	
MARATHON OIL CO.						
State Land Sec. 30						
"	(85)	1	K	30-18-38	70	1935
"	(67)	2	N	"	43	*5655
"	(73)	3	L	"	70	164
"	(11)	9	M	"	4	*53436
Acreage factor .950						
State Sec. 32-18-38						
"	(39)	2	P	32-18-38	13	*19595
"	(86)	3	I	"	70	2689
"	(63)	4	J	"	27	*9053
"	(79)	5	O	"	70	1292
TOTAL	8				367	
MARTINDALE PETROLEUM CORP.						
Crump	(14)	1	A	15-19-38	14	429
Terry	(42)	1-2	O	10-19-37	36	143
"	(41)	3	P	"	38	146
TOTAL	4				88	
MINERALS, INC.						
Terry	(18)	1	H	8-19-38	15	**4444
MOBIL OIL CORP.						
Nora Berry	(57)	1	K	31-18-38	38	700
"	(64)	2	N	"	50	275
"	(35)	3	L	"	35	568
"	(33)	4	M	"	33	427
Acreage factor .950						
TOTAL	4				156	
MORAN, R. M.						
Hardin B	(3)	1	E	18-18-38	3	**5000
Acreage factor .950						
"	(6)	2	F	"	6	2000
"	(4)	3	D	"	4	**4250
Acreage factor .950						
"	(5)	4	C	"	5	3200
TOTAL	4				18	
MORAN OIL PRODUCING & DRILLING CORP.						
Hobbs	(22)	1	H	34-18-38	22	1090
Rice	(5)	1	H	13-18-37	5	**6000
"	(6)	2	G	"	6	**7000
"	(11)	3	A	"	11	3000
"	(2)	4	B	"	2	**10000
State M-16	(3)	1	A	16-19-38	3	330
State T	(8)	1	E	17-18-38	8	2250
Terry A	(3)	1	L	9-19-38	3	3330
"	(8)	2	K	"	8	1625
TOTAL	9				68	
POLARIS PRODUCTION CORP.						
Shipp A	(3)	1	E	23-18-37	3	667
SAMEDAN OIL CORP.						
Byers	(7)	1	B	3-19-38	7	3143
"	(22)	2	G	"	22	2773
"	(12)	3	A	"	12	2167
"	(22)	4	H	"	22	3273
Moon A	(88)	1	G	28-18-38	70	2133
"	(88)	2	B	"	70	2303
Moon B	(83)	1	H	"	59	*4180
"	(79)	2	A	"	50	*4869
State B	(9)	1	F	25-18-37	9	**9418
"	(4)	2	E	"	4	**11461
State C	(88)	1	N	24-18-37	70	1955

SAMEDAN OIL CORP. CONT'D						
State C	(83)	2	K	24-18-37	70	1022
"	(80)	3	L	"	70	1450
"	(81)	4	M	"	70	1321
Turner A	(85)	1	J	34-18-38	70	1247
"	(82)	2	O	"	70	707
Turner B	(86)	1	J	"	70	860
" #2	(75)	2	P	"	70	640
TOTAL	18				885	
SHELL OIL CO.						
Berry	(69)	1	P	31-18-38	69	**3507
"	(90)	2	J	"	70	2689
"	(100)	3	I	"	70	2400
"	(75)	4	O	"	70	2147
Grimes	(94)	1	M	28-18-38	66	*3723
"	(146)	2	L	"	70	603
"	(120)	3	K	"	70	3458
"	(101)	4	N	"	70	3198
McKin. A	(58)	1	M	19-18-38	58	**3793
"	(264)	2	O	"	70	1545
"	(62)	3	P	"	62	1839
"	(153)	4	N	"	70	1359
"	(21)	5	J	"	21	**4762
"	(52)	6	K	"	52	1231
"	(44)	7	L	"	44	**3750
"	(48)	10	I	"	48	917
McKin.B	(15)	2	N	20-18-38	15	2400
"	(84)	3	M	30-18-38	70	2750
"	(57)	5	L	20-18-38	57	1596
Rice	(17)	1	P	13-18-38	17	**3765
"	(70)	2	O	"	70	2000
"	(4)	3	I	"	4	**24750
Sanger	(240)	1	M	27-18-38	70	979
"	(212)	2	N	"	70	1132
"	(239)	3	L	"	70	1444
"	(182)	4	E	"	70	2055
"	(145)	5	K	"	70	497
"	(22)	6	D	"	22	3318
State A	(113)	3	H	32-18-38	70	1584
"	(61)	4	G	"	38	*6459
State B	(88)	1	D	33-18-38	70	3216
"	(117)	2	C	"	70	2692
State D	(33)	1	F	24-18-37	28	**6303
"	(13)	2	C	"	13	**3538
State F	(5)	2	G	23-18-37	5	**4400
Thorp	(28)	1	J	10-19-38	28	2107
"	(25)	2	I	"	25	2440
Turner	(109)	1	G	24-18-38	70	1468
"	(109)	2	B	"	70	734
TOTAL	39				2072	
SKELLY OIL CO.						
Fowler	(79)	1	C	31-18-38	70	481
"	(84)	2	F	"	70	417
Hobbs E	(9)	1	A	26-18-37	9	1778
McKinley	(8)	1	D	20-18-38	8	**10875
Mex. U	(37)	1	B	8-19-38	31	**3892
"	(8)	2	G	"	6	**5625
State A	(5)	1	M	17-18-38	5	2200
B.H.Turn.	(83)	1	F	34-18-38	70	3157
"	(86)	2	C	"	70	1384
TOTAL	9				339	
SUN OIL CO.						
McKinley	(50)	1	A	5-19-38	26	*9510
"	(89)	2	H	"	59	*4126
"	(72)	3	B	"	70	2390
"	(245)	4	G	"	70	1066
Fowler	(28)	1	D	31-18-38	28	2350
"	(26)	4	E	"	26	1674
TOTAL	6				279	

HOBBS (G-SA) CONTINUED

SWEET, BILL L.						
Fed.Bowers(6)	2	J	30-18-38	6	270	
SWEET, C. H.						
McKin.B(7)	2	H	30-18-38	7	3429	
State F(17)	2	H	23-18-37	17	3471	
" (20)	3	I	"	20	3450	
" (6)	4	A	"	6	3333	
Grimes (2)	1Y	I	20-18-38	2	TSTM	
TOTAL 5				52		
TEXACO, INC.						
H. D. McKinley						
" (26)	1	L	4-19-38	26	**8077	
" (49)	3	M	"	46	*5306	
" (16)	4	P	5-19-38	16	**4625	
" (38)	5	I	"	32	*7632	
Nordon Corp. Ltd.						
" (12)	1	N	"	12	TSTM	
F.Selman(12)	1	J	15-19-38	12	1158	
" (2)	2	I	"	2	1000	
St.DD&B(68)	1	A	35-18-37	68	**3500	
" (100)	2	H	"	70	1670	
" (81)	3	G	"	70	3210	
" (47)	4	B	"	47	**4200	
TOTAL 11				401		
TEXAS PACIFIC OIL CO., INC.						
State G(85)	1	P	24-18-37	70	1352	
" (87)	2	I	"	70	977	
" (83)	3	J	"	70	1036	
" (88)	4	O	"	70	1068	
St.V A/c-1(8)	1	I	14-18-37	8	**19000	
" (14)	2	J	"	14	1285	
St.V A/c-2(5)	3	C	28-18-37	5	2000	
" (7)	4	F	"	7	2571	
" (8)	5	K	"	8	1625	
" (12)	6	N	"	12	1166	
TOTAL 10				334		
THE WISER OIL CO.						
Morris A(34)	1	O	21-18-38	34	**4500	
Morris B(35)	1	P	"	35	**5500	
TOTAL 2				69		
YATES, JOHN A.						
Shell St.(10)	1	P	23-18-37	10	3109	
" (12)	2	J	"	12	3065	
" (13)	3	O	"	13	3130	
TOTAL 3				35		
POOL TOTAL 335				13567		

HOBBS EAST SAN ANDRES

Top Allowable 70 GOR Limit 2,000

CONTINENTAL EMSCO CO.						
Pearl Goode(20)	1	B	31-18-39	17	*8150	
" (43)	2	A	"	43	**2884	
" (22)	3	C	"	15	*9273	
" (12)	4	D	"	12	**11167	
TOTAL 4				87		
HUMBLE OIL & REFINING CO.						
S.E.Cain(38)	2	K	30-18-39	38	53	
" (38)	3	N	"	38	737	
TOTAL 2				76		
MARTINDALE PETROLEUM CORP.						
Davis (6)	1	O	29-18-39	6	TSTM	
Ferguson(10)	1	H	30-18-39	10	1900	
R.Lowe St.(35)	1	C	32-18-39	35	1943	
" (37)	2	D	"	37	1919	

HOBBS EAST SAN ANDRES CONTINUED

MARTINDALE PETROLEUM CORP. CONT'D						
Rocket C (8)	1	L	30-18-39	8	1000	
" (10)	2	M	"	10	900	
TOTAL 6				106		
PENROSE PRODUCTION CO.						
Davis (9)	1	K	29-18-39	9	470	
STALLWORTH OIL & GAS INC.						
L.Reese(80)	1	I	30-18-39	70	130	
SUMMERS, ROBERT L.						
C.O.Davis(2)	1	N	29-18-39	2	**2500	
" (7)	2	L	"	7	**4571	
" (30)	3	M	"	30	1867	
TOTAL 3				39		
VIERSON, SAM K.						
Laney (44)	1	J	30-18-39	44	380	
" (34)	2	O	"	34	735	
" (38)	3	P	"	38	1132	
TOTAL 3				116		
POOL TOTAL 20				503		

HOUSE DRINKARD

Top Allowable 164 GOR Limit 2,000

AMOCO PRODUCTION CO.						
Cone (4)	1	F	12-20-38	4	TSTM	
Cone B (7)	1	J	"	7	**3343	
State U (10)	1	P	2-20-38	10	1450	
Howse C (4)	1	H	11-20-38	4	**14975	
TOTAL 4				25		
MALLARD EXPLORATION, INC.						
Phil.House St.(16)	1	O	2-20-38	16	TSTM	
RAY, B. A.						
Blankenship						
" (17)	1	E	12-20-38	17	220	
" (17)	2	L	"	17	1764	
" (3)	3	M	"	3	**17112	
TOTAL 3				37		
READ, CHARLES B.						
Crown (5)	1	B	13-20-38	5	**6070	
TEXAS CRUDE OIL CO.						
Hester (8)	1	K	12-20-38	8	**7700	
" (10)	2	N	"	10	**5000	
" (12)	3	O	"	12	**6075	
TOTAL 3				30		
POOL TOTAL 12				113		

HOUSE SAN ANDRES

Top Allowable 70 GOR Limit 2,000

AMOCO PRODUCTION CO.						
Howse A(11)	1	I	11-20-38	9	*15655	
Howse B(8)	1	P	"	8	**7825	
TOTAL 2				17		
PENROSE PRODUCTION CO.						
House (4)	1	D	13-20-38	4	**3950	

HOUSE SAN ANDRES CONTINUED

RAY, B. A.
Blankenship A
" (7) 1 L 12-20-38 7 TSTM

UNION OIL CO. OF CALIFORNIA
Fletcher A(6) 2 F 5-20-39 6 1000
Kyte (3) 1 L " 3 **2667

TOTAL 2 9

POOL TOTAL 6 37

HUME QUEEN WEST

Top Allowable 70 No GOR Limit

BAXTER, MURPHY H.
Pure St.(7) 1 G 15-16-33 6
" (8) 2 I " 6

POOL TOTAL 2 12

IMPERIAL TUBB DRINKARD

Top Allowable 124 GOR Limit 2,000

BRONCO OIL CORP.
E.C.Hill A 3 O 27-23-37 No C-116

DAMSON EXPLORATION CORP.
Saltmount 2 O 21-23-37 No C-116

IMPERIAL AMERICAN MANAGEMENT CO.
Fanning B 1 A 33-23-37 No C-116
E.C.Hill A 4 J 27-23-37 No C-116
Seeton 2 B 21-23-37 No C-116

INBE PERMO PENN

(80 Acre Spacing)

Top Allowable 334 GOR Limit 2,000

AMINI OIL CORP.
Champlin St.(8) 1Y P 26-10-33 8 **25720

CAYMAN CORP.
Murphy St.(28) 1 O 13-10-33 28 **8210
" 2 J " No C-116
" A St.(105) 1 J 24-10-33 70 1190
" (30) 2 I 21-10-33 30 1400

TOTAL 3 128

COQUINA OIL CORP.
State 36(32) 1 N 36-10-33 32 1844
" (21) 2 J " 21 381

TOTAL 2 53

COX, JOHN L.
State B 1 N 7-11-34 No C-116

DELAWARE APACHE CORP.
Midwest State
" (8) 1 J 23-10-33 8 **5000
" Com. (6) 3 E " 6 **5000

TOTAL 2 14

GULF OIL CORP.
Mary Wilson(94) 1 N 13-11-33 94 **5511
Lea FH St.(80) 1 N 18-11-34 80 512

TOTAL 2 174

HODGE, T. F.
And.St.(5) 1 B 35-10-33 5 **2660
Humb. St.(12) 2 G 26-10-33 12 523
" (5) 3 E " 5 1256

TOTAL 3 22

INBE PERMO PENN CONTINUED

HUMBLE OIL & REFINING CO.
N.M.BQ St.(13) 1 L 26-10-33 13 **2692
N.M.CC St.(10) 1 O 27-10-33 10 **5000
" (28) 3 C " 28 **8750
" (12) 4 F " 12 **16250

TOTAL 4 63

LOUISIANA LAND & EXPLORATION CO.
State (15) 1 N 14-10-33 15 **10000
" (10) 2 O " 10 **8700
" (35) 3 P " 35 **11000
" (10) 4 D 24-10-33 10 **8500
" (15) 5 C " 15 **9600
" (70) 6 B " 58 *11500
" (75) 7 A " 60 *11200

TOTAL 7 203

MAJOR, GIEBEL & FORSTER
Nine Ranch Inc. State
" (98) 1 C 22-10-33 91 *7346
" (106) 2 F " 96 *6943
" (20) 3 K " 20 **11400
" (15) 4 N " 15 **11266
" (24) 5 J " 24 **10875
Shell St.(3) 1 A " 3 **6333
" (46) 3 H " 46 **5782
T.P.State(9) 1 O 36-10-33 9 **9911
" (71) 2 L " 71 **8098
T.P.A St.(33) 1 J 4-11-33 33 1878

TOTAL 10 408

MIDWEST OIL CORP.
Mae Dallas(66) 1 H 26-11-33 66 **2045
R.Epperson(50) 1 P 23-11-33 50 **2320
" (30) 2 I " 30 **3660
LLE St. 1 L 14-10-33 No C-116
N.M. A St.(15) 1 D 10-10-33 15 **7140
N.M. O St.(38) 1 A 26-11-33 38 **5078

TOTAL 5 199

PENNZOIL UNITED, INC.
Harris St.(26) 1 L 5-11-34 26 **11154
Acreage factor .675
" (28) 2 K " 28 **9786
Acreage factor .675
" (25) 3 J 5-11-34 25 **10200
Acreage factor .675
Harris St.17(25) 1E 17-11-34 25 1040

TOTAL 4 104

PUBCO PETROLEUM CORP.
British Am(3) 1 O 23-10-34 3 **18333
Gulf St.(12) 1 E 18-11-34 12 **13333
Hum.A St.(11) 1 P 27-10-33 11 **7355
Hum.B St.(16) 1 H 34-10-33 16 **28375
Hum.C St.(16) 1 I " 16 **23352
" (10) 2 O " 10 **8350
Hum.CC St.(11) 3 B " 11 **9364
" #2 (28) 4 K " 28 **9248
" (11) 5 M " 11 **27727
" (11) 6 F " 11 **13936
So. Nat. Gas Co.
" (17) 1 I 1-11-33 17 **11088
Acreage factor 1.300

TOTAL 11 146

READ & STEVENS, INC.
Humble A (16) 1 A 26-10-33 16 **4750
Humble B (20) 1 M 24-10-33 20 **4800
State D(40) 1 A 28-10-33 40 **3502
State CF(36) 1 A 33-10-33 36 1750
Nine Ranch (8) 1 N 23-10-33 8 1400

TOTAL 5 120

INBE PERMO PENN CONTINUED

ROBERTS, A. F. JR.						
Gulf St.						
"	(63)	1	A	18-11-34	63	**10492
"	(162)	2	C	"	37	1815
"	(35)	3	J	"	35	**2886
"	(160)	4	L	"	33	1681
Acreage factor .888						
TOTAL		4			168	
SOUTHLAND ROYALTY CO.						
Epperson	(32)	1	G	24-11-33	32	1812
"	(37)	3	O	"	37	1702
"	(8)	4	E	"	8	1500
" A	(33)	1	C	25-11-33	33	1909
Farrar	(93)	1	F	13-11-33	93	1946
Farrar A	(50)	1	A	"	50	1900
Farrar B	(163)	1	O	"	100	1660
Fed.McKin.	(26)	1	O	1-11-33	26	1884
J.D.Guye	(25)	3	I	12-11-33	25	1800
"	(13)	5	N	"	13	1769
Shell St.	(19)	2	L	19-11-34	19	**2000
State A	(33)	1	O	5-11-34	33	1545
TOTAL		12			469	
SUN OIL CO.						
N.M.A St.	(20)	2	J	7-11-34	20	1412
"	(37)	3	I	"	37	684
N.M. C St.	(9)	1	E	"	9	1687
Acreage factor .950						
"	(32)	2	D	"	32	1170
Acreage factor .938						
N.M. I St.	(26)	2	G	"	26	1090
N.M. Q St.	(49)	1	D	9-11-34	49	204
"	(27)	2	C	"	27	300
State Tr. D						
"	(36)	1	E	8-11-34	36	**2485
"	(16)	2	D	"	16	**3300
"	(23)	3	B	"	23	**5674
"	(28)	4	G	"	28	**4849
" Com	(31)	5	L	"	31	**2720
TOTAL		12			334	
SUPERIOR OIL CO.						
State E	(1)	1	M	13-10-33	1	**77000
State G	(22)	1	L	"	22	**8136
TOTAL		2			23	
TAMARACK PETROLEUM CORP.						
State 23	(18)	1	H	23-11-33	18	1833
TENNECO OIL CO.						
State Tr. 4303						
"	(20)	2Y	D	35-10-33	20	1730
St.EF Ut.	(22)	1	P	6-11-34	22	**9000
Acreage factor 1.175						
"	(18)	4	I	"	18	**8500
Acreage factor 1.025						
TOTAL		3			60	
TROBAUGH, ALLEN K.						
Gulf St.	(49)	1	G	18-11-34	49	**3880
UNION OIL CO. OF CALIFORNIA						
State 13	(3)	1	E	13-10-33	3	**14333
"	(50)	2	C	"	50	**2220
State 14	(65)	1	G	14-10-33	65	**2338
Southland "13" State Com.						
"	(37)	1	G	13-10-33	37	946
TOTAL		4			155	
POOL TOTAL		98			2918	

JAL DELAWARE WEST

Top Allowable 164 No GOR Limit

SKELLY OIL CO.						
W.Jal A	(6)	1	K	21-25-36	6	

JALMAT YATES SEVEN RIVERS

Top Allowable 70 GOR Limit 10,000

ANTWEIL, MORRIS R.						
Federal	(21)	1	N	24-25-36	21	2728
"	(19)	2	K	"	19	6624
M.Forrest	(6)	2	M	"	6	2945
"	(6)	3	I	23-25-36	6	2738
"		4	L	24-25-36	No C-116	
TOTAL		4			52	
ARES, SAM D.						
Cities Service Federal						
"	(7)	2	I	35-24-36	7	1643
B.Davis	(12)	1	L	34-23-36	12	1583
Everett	(15)	1	K	35-24-36	15	7200
A.Rams A	(6)	2	B	2-25-36	6	2667
Chas.Whit.		3	H	4-24-36	R-3221	
"		4	I		R-3221	
Zattu Cushing						
"	(18)	1	F	23-24-36	18	889
TOTAL		5			58	
ATLANTIC RICHFIELD CO.						
Davis	(11)	3	K	34-23-36	11	182
Federal 714	(9)	3	L	17-23-36	9	556
Shipp A WN	(7)	1	C	27-22-36	7	**35704
TOTAL		3			27	
AZTEC OIL & GAS CO.						
State SR	(3)	3	F	16-24-36	3	TSTM
BETTIS, BOYLE & STOVALL						
Johns Fed.	(16)	1	A	20-25-37	6	TSTM
Justis, B.M."A"						
"	(3)	3	B	20-25-37	3	**10933
"	(15)	2-6	H	"	15	73
Justis, B. M. "B"						
"	(3)	4	A	19-25-37	3	8000
"	(2)	7	F	20-25-37	2	**80919
"		8	G	"	No C-116	
"		9	H	19-25-37	No C-116	
Justis, B. M. "C"						
"	(4)	5	C	20-25-37	4	3575
Justis, V. H.						
"	(4)	2	D	20-25-37	4	**21338
Lanehart	(1)	1	G	21-25-37	1	**53200
"	(9)	2	F	"	9	6974
"	(3)	3	C	"	3	**43107
"	(1)	4	B	"	1	**11548
State O	(1)	1	A	16-25-37	1	**35354
TOTAL		12			52	
BOGLE OIL CO.						
Aztec St.	(3)	1	M	16-23-36	3	**25000
BURK ROYALTY CO.						
Lindley	(5)	1	H	26-25-36	5	400
"	(10)	2	A	"	10	600
TOTAL		2			15	
CAMPBELL, E. P.						
Christmas		1	C	6-23-36	No C-115	
					No C-116	
J.Whitten		1	N	33-23-36	No C-116	
CITIES SERVICE OIL CO.						
Closson	(9)	3	G	6-22-36	9	3556
" B	(5)	3	D	20-22-36	5	TSTM

CITIES SERVICE OIL CO. CONT'D						
Closson B	(14)	10	L	30-22-36	14	TSTM
"	(10)	13	E	"	10	2200
Acreage factor .925						
"	(10)	14	D	19-22-36	10	1900
Acreage factor .925						
"	(2)	15	E	"	2	TSTM
Acreage factor .925						
"	(2)	16	M	18-22-36	2	6000
Acreage factor .925						
"	(4)	17	L	"	4	4250
Acreage factor .925						
TOTAL	8				56	
CLARKE, RALPH L.						
Freedman St.	(2)	1	H	36-21-35	2	**22500
"	(1)	2	A	"	1	7000
TOTAL	2				3	
CONE, J. R.						
Project (35 Units)						
Cone Jalmat Yates Sand Unit						
Tr. 1		1	I	13-22-35	3	
"		2	C	24-22-35	10	
"		3	K	13-22-35	57	
"		6	M	"	18	
"		8	O	"	30	
"		12	E	24-22-35	2	
Tr. 2		1	A	"	5	
Tr. 3		3	G	"	45	
Tr. 4		1	I	23-22-35	5	
Tr. 5		1	K	24-22-35	23	
"		4	M	"	6	
Tr. 6		3	O	"	70	
"		5	I	"	58	
Tr. 7		3	G	25-22-35	111	
"		4	A	"	26	
Tr. 8		1	C	"	39	
"		5	E	"	11	
Tr. 9		1	I	"	40	
"		4	O	"	4	
Tr. 1		4	J	13-22-35	Input	
"		5	L	"	"	
"		7	D	24-22-35	"	
"		9	N	13-22-35	"	
"		10	F	24-22-35	"	
"		11	P	13-22-35	"	
Tr. 2		2	B	24-22-35	"	
Tr. 3		4	H	"	"	
Tr. 5		2	L	"	"	
"		3	N	"	"	
Tr. 6		2	J	"	"	
"		4	P	"	"	
Tr. 7		1	H	25-22-35	"	
"		2	B	"	"	
Tr. 8		2	D	"	"	
"		3	F	"	"	
"		4	K	"	"	
Tr. 9		2	P	"	"	
"		3	J	"	"	
Tr. 10		1	A	36-22-35	"	
"		4	K	"	"	
TOTAL	19				563	
CONTINENTAL OIL CO.						
Farney A-5	(17)	2	I	5-23-36	17	TSTM
Farney A-17	(2)	1	F	17-22-36	2	**11500
L'ht.B-31		1	D	31-21-36	S.I.	
"	(8)	5	K	"	8	2375
"	(15)	6	F	"	15	2667
"		7	E	"	S.I.	
Acreage factor .875						

CONTINENTAL OIL CO. CONT'D						
Lynn A	(17)	3	E	27-23-36	17	6400
"	(20)	4	H	28-23-36	20	2350
Meyer B-22		3	L	22-22-36	S.I.	
Meyer B-31A	(20)	1	D	31-22-36	20	1450
Acreage factor .925						
"	(9)	2	F	"	9	2444
"	(1)	3	K	"	1	TSTM
Sholes A	(72)	1	P	24-25-36	70	TSTM
"		2	A	"	S.I.	
"	(56)	3	I	"	56	TSTM
"	(7)	4	H	"	7	"
"	(51)	5	O	13-25-36	51	"
Sholes B-25	(37)	1	H	25-25-36	37	"
"	(5)	2	B	"	5	"
"	(13)	3	I	"	13	"
"	(33)	4	A	"	33	"
State E	(1)	4	E	17-22-36	1	**10000
Well B-1	(35)	3	C	1-25-36	35	**10514
TOTAL	19				417	
DALPORT OIL CORP.						
E. C. Winters B						
"		1	M	7-25-37	Nc C-116	
Acreage factor .975						
GACKLE, ALBERT						
H. E. Esmond A						
"	(4)	1	A	33-22-36	4	**22500
Geo.Etz	(16)	1	M	27-23-36	16	5375
"	(14)	2	L	'	14	3428
Sinc.B St.	(9)	3	D	3-23-36	9	**16666
Acreage factor 1.050						
TOTAL	4				43	
GULF OIL CORP.						
J.H.Day	(22)	1	K	6-22-36	22	2273
"	(12)	2	F	"	12	1417
J.F.Janda NCT-B						
"	(1)	4	O	32-21-36	1	**40300
A. Ramsay D						
"	(1)	6	K	33-21-36	1	**65000
"	(2)	7	M	"	2	**18500
"	(3)	8	N	"	3	**41111
"	(1)	9	L	"	1	**57000
TOTAL	7				42	
GULF OIL CORP.						
Project (46 Units)						
Jalmat Field Yates Sand Unit						
"		101	M	2-22-35	S.I.	
"		104	A	10-22-35	11	
"		106	C	11-22-35	4	
"		109	G	"	4	
"		111	E	"	6	
"		113	K	"	5	
"		115	I	"	16	
"		118	M	12-22-35	T.A.	
"		120	O	11-22-35	6	
"		122	M	"	29	
"		126	C	14-22-35	30	
"		129	A	"	10	
"		131	C	13-22-35	6	
"		132	G	"	10	
"		134	E	"	6	
"		136	G	14-22-35	50	
"		138	E	"	30	
"		140	K	"	20	
"		142	I	"	T.A.	
"		144	O	"	25	
"		147	A	23-22-35	7	
"		100	N	2-22-35	Input	

GULF OIL CORP.
Jalmat Field Yates Sand Unit

"		102 P	3-22-35	Input	
"		103 B	10-22-35	"	
"		105 D	11-22-35	"	
"		107 B	"	"	
"		108 H	"	"	
"		110 F	"	"	
"		112 L	"	"	
"		114 J	"	"	
"		116 L	12-22-35	"	
"		117 N	"	"	
"		119 P	11-22-35	"	
"		121 N	"	"	
"		124 D	14-22-35	"	
"		127 B	"	"	
"		130 D	13-22-35	"	
"		133 F	"	"	
"		135 H	14-22-35	"	
"		137 F	"	"	
"		139 L	"	"	
"		141 J	"	"	
"		143 P	"	"	
"		145 N	"	"	
"		146 B	23-22-35	"	
"		148 H	"	"	
TOTAL	18			275	

JOHNSON & FRENCH OIL CO.

Woolworth		1 H	26-24-36	No C-116	
				No C-115	

LANIER, SIDNEY

I.B.Ogg A	(12)	3 E	35-24-36	12	2917
"	(3)	4 D	"	3	333
Ogg B		2 H	34-24-36	S.I.	
Whitten	(5)	1 C	33-23-36	5	2800
Woolworth	(50)	1 J	26-24-36	50	**11560
TOTAL	4			70	

LONG, C. E.

Pech State	(5)	1 L	32-21-36	5	**42000
Shell State	(9)	1 N	"	9	6250
TOTAL	2			14	

LOWE, RALPH

Humble St.	(6)	2 H	36-25-36	6	1833
"	(10)	3 A	"	10	1600
Humble Winters					
"	(4)	1 E	18-25-37	4	9750
"	(3)	2 F	"	3	9300
" "A"	(9)	1 D	"	9	9111
Acreage factor .975					
"	(2)	2 C	"	2	**23000
Humphreys	(8)	1 N	25-25-36	8	2635
"	(4)	2 K	"	4	2000
M. Rose	(3)	2 L	18-25-37	3	**39333
Shell A St.	(2)	1 B	36-25-36	2	** 30000
Sholes B	(6)	1 O	25-25-36	6	2333
"	(2)	3 J	"	2	**36000
"	(1)	4 D	13-25-37	1	** 84000
Winters B	(2)	1 H	13-25-36	2	** 11000
"	(2)	2 A	"	2	** 12000
"	(2)	3 B	"	2	8500
"	(7)	4 G	"	7	3857
Winter C	(11)	1 P	12-25-36	11	5000
"	(2)	2 I	"	2	**11000
"	(3)	3 O	"	3	5667
"	(15)	4 J	"	15	5400
TOTAL	21			104	

MESA OIL CO.

A.B.Coates B	(5)	1 D	21-25-37	5	6000

O'NEILL, JOSEPH I., JR.

Rockett	(3)	1 N	10-24-36	3	3807

PETERSON, L. F.

State A	(2)	1 J	36-21-35	2	3333
"	(4)	2 O	"	4	3460
TOTAL	2			6	

PHILLIPS PETROLEUM CORP.
C. D. Woolworth

"	(14)	8 O	22-24-36	14	TSTM
"	(23)	14 L	26-24-36	23	1409
TOTAL	2			37	

RESERVE OIL & GAS CO.
South Langlie Jal Unit

"		27 N	17-25-37	No C-116	

RESERVE OIL & GAS CO.
Project (26 Units)
South Langlie Jal Unit

"		3 J	7-25-37	S.I.	
"	(3)	5 L	8-25-37	3	**63333
"	(3)	6 K	"	3	**60666
"	(1)	7 N	7-25-37	1	**75000
"	(1)	9 P	"	1	**72000
"		11 N	8-25-37	S.I.	
"	(2)	12 B	18-25-37	2	**34000
"	(2)	14 D	17-25-37	2	7000
"	(1)	17 H	18-25-37	1	**65000
"	(2)	19 F	17-25-37	2	6000
"	(2)	20 J	18-25-37	2	**30500
"	(2)	22 L	17-25-37	2	6500
"	(2)	23 K	"	2	7000
"	(2)	24 O	18-25-37	2	**30500
"	(6)	25 P	18-25-37	6	3166
"	(2)	26 M	17-25-37	2	7500
"		1 G	7-25-37	Input	
"		2 K	"	"	
"		4 I	"	"	
"		8 O	"	"	
"		10 M	8-25-37	"	
"		13 A	18-25-37	"	
"		15 C	17-25-37	"	
"		16 G	18-25-37	"	
"		18 E	17-25-37	"	
"		21 I	18-25-37	"	
TOTAL	14			31	

RESERVE OIL & GAS CO.
Cooper Jal Unit

"	(6)	201 A	24-24-36	6	**13000
"	(1)	202 D	19-24-37	1	**13000
"	(1)	203 E	24-24-36	1	**14000
"	(1)	204 F	"	1	**13100
"	(10)	205 G	"	10	**12000
"	(15)	206 H	"	15	**13066
"	(1)	207 E	19-24-37	1	**11000
Acreage factor .950					
"	(1)	208 F	19-24-37	1	**12000
"	(1)	209 L	24-24-36	1	**10000
"	(1)	210 L	"	1	**14000
"		211 K	"	Input	
"	(1)	215 P	23-24-36	1	**14000
"	(2)	216 M	"	2	**16000
"	(1)	219 P	"	1	**19000
"	(8)	220 M	19-24-37	8	5375
Acreage factor .950					
"		221 N	"	No C-116	
"	(1)	223 D	25-24-36	1	**16000
"	(1)	224 C	"	1	**14000
"	(2)	225 B	"	2	**55000

RESERVE OIL & GAS CO. CONT'D
Cooper Jal Unit
" (1) 227 D 30-24-37 1 **21000
Acreage factor .950
" (2) 228 C " 2 **11500
" (1) 229 E 25-24-36 1 4000
" (3) 231 H 25-24-36 3 43666

TOTAL 21 61

RESLER & SHELDON
Charm St.(2) 1 P 36-21-35 2 700
" (1) 2 I " 1 2500

TOTAL 2 3

ROSS, WM. G.
Turner St.(7) 1 L 2-22-35 7 TSTM

SCHNEIDER, TOM
State 1 O 16-23-36 No C-116

SHELL OIL CO.
State (5) 2 E 36-24-36 5 **22600
" A (14) 1 Y D " 14 **29286

TOTAL 2 19

SKELLY OIL CO.
Coats (2) 1 O 3-24-36 2 2500
" (1) 2 N " 1 TSTM
" (37) 3 M " 37 2189
" (4) 6 K " 4 1000
" (23) 7 L " 23 1391
W.T.Joyner(5) 1 I 26-25-36 5 1400

TOTAL 6 72

STANDARD PRODUCTION CO.
Brown 3 C 25-25-36 No C-116
" 4 F " "
" 5 E " "

SUN OIL COMPANY
H.S.Record (10)2 E 22-22-36 10 **49700

TENNECO OIL CO.
Wells,E.J.(21)1 F 12-25-36 21 1300
" (13) 3 E " 13 6900
" (10) 4 L 1-25-36 10 1100

TOTAL 3 44

TEXACO, INC.
E.E.Blinebry B Federal NCT-1
" (5) 4 O 31-23-37 5 **34800
C. W. Shepherd A Federal
" (50) 3 H 1-26-36 50 80
" (13) 4 A " 13 TSTM

TOTAL 3 68

TEXAS PACIFIC OIL CO., INC.
Greg. B (5) 1 E 18-26-37 5 **29600
Gut. 1-18 1 O 18-25-37 S.I.
Meyer C (10) 1 F 22-24-36 10 TSTM
St.A A/c-1 (2) 7 D 22-23-36 2 **74500
" (3) 36 B 9-23-36 3 **68000
" (17) 87 G 4-23-36 17 1705
" A/c-2 (8) 9 G 7-22-36 8 TSTM
" (4) 19 O " 4 "
" (5) 20 J " 5 "
Watkins (70) 1 A 35-24-36 70 2357
" (5) 2 H " 5 **51800
Wells 5 G 5-25-37 No C-116
Woolworth C. C.
" (6) 1 P 26-24-36 6 **48000

TOTAL 11 135

TRITON OIL & GAS CORP.
Coates (6) 3 D 10-24-35 6 TSTM
" (4) 4 C " 4 "
Isbell (4) 3 G 15-24-36 4 4170
" (3) 4 B " 3 2690
Lynn A-28(22) 1 I 28-23-36 22 3500
" (4) 4 C " 4 3480
Mosley (5) 2 O 10-24-36 5 TSTM
Vaughn A-15(5) 1 O 15-24-36 5 1900
" (14) 2 J " 14 1737
Vaughn B-3(8) 2 D 3-24-36 8 2662
" (5) 3 E " 5 1140
" (1) 4 G " 1 2500
" (6) 5 C " 6 7433
Vaughn B-9(5) 1 A 9-24-36 5 TSTM
Wells (2) 1 H 12-25-36 2 "

TOTAL 15 94

UNION TEXAS PETROLEUM CORP.
Langlie Jal Ut.
" (4) 66 M 5-25-37 4 **35000
" (2) 86 O 8-25-37 2 2800
" (2) 81 J " 2 **30000
" (3) 87 B 17-25-37 3 **16667

TOTAL 4 11

WALLACE, ROBERT R.
Fed. 2-21 2 A 21-24-36 No C-116

WATTS, ED. E.
Coates (2) 2 F 10-23-36 2 **22500
Whitten (3) 2 O 33-23-36 3 **73667

TOTAL 2 5

WESTERN STATES PRODUCING
Roy Whitten(2)1 H 33-23-36 2 **92500

POOL TOTAL 224 2410

WEST JAL STRAWN
Top Allowable 397 GOR Limit 2,000
TEXACO INC.
C.Elliott Federal
" (35) 1 J 8-25-36 19 **4486

JENKINS CISCO
(160 Acre Spacing)
Top Allowable 334 GOR Limit 2,000
AMERADA DIVISION-AMERADA HESS CORP.
S.E.And.(124) 1 B 30-9-35 110 1976

DELAWARE APACHE CORP.
Anderson Veasey Com.
" (109) 1 M 19-9-35 85 **2290
Hileman Estate
" (220) 1 P 24-9-34 100 **3400
S. Cole (75) 1 A 25-9-34 50 **2290
S.Andr. (71) 1 D 30-9-35 50 **2600
Acreage factor .975

TOTAL 4 285

KIMSEY, ROY E., JR.
N.Mounsey(22)1Y N 24-9-34 22 1863
Acreage factor .750

POOL TOTAL 6 417

NORTH JUSTIS ABO
Top Allowable 124 No GOR Limit
CONTINENTAL OIL CO.
State A-2(2) 3 O 2-25-37 2

JUSTIS BLINEBRY

Top Allowable 94 GOR Limit 6,000

AMERADA DIVISION-AMERADA HESS CORP.

State NJA	3	A	2-25-37	No C-116		
W.F.Stuart	(62)	1	F	14-25-37	62	5616
Ida Wimb.	(20)	9	E	25-25-37	9	*64469
"	(24)	10	A	26-25-37	24	4531
"	(21)	11	L	24-25-37	21	4138
"		13	M	"	No C-116	
"	(15)	14	G	25-25-37	15	**8944
"	(30)	15	D	"	30	**15936
"	(16)	16	F	"	16	3428
"	(19)	17	C	"	11	*52015
TOTAL		8			188	

AMOCO PRODUCTION CO.

State AJ	(17)	5	L	30-25-38	17	1704
"	(17)	6	M	"	17	2176
TOTAL		2			34	

ATLANTIC RICHFIELD CO.

Carl.Fed.	(113)	1	K	25-25-37	76	*7460
"	(30)	2	L	"	28	*20366
Carl.A Fed.	(8)	1	I	23-25-37	8	**44625
"	(12)	2	J	"	12	550
Jal	(43)	2	B	11-25-37	43	2767
"	(8)	3	A	"	8	**6750
Justis	(32)	2	O	"	32	2156
Lang. Fed.	(36)	1	I	14-25-37	36	**8417
"	(40)	2	J	"	40	**6325
Lang.A Fed.	(34)	1	H	"	32	**9387
"	(65)	2	G	"	65	**8130
Lang.B Fed.	(19)	1	A	"	19	4146
" #2	(17)	2	B	"	17	3823
State Y	(12)	3	B	25-25-37	12	**7388
"	(18)	8-6	H	"	18	**9366
"	(27)	7	A	"	27	**13555
Stu.A WN	(22)	2	C	14-25-37	22	3727
Wimb. WN	(20)	3	D	24-25-37	20	**21363
"	(3)	5	C	"	3	**64333
"	(117)	7	B	23-25-37	94	2196
"	(37)	8	C	"	37	4919
"	(11)	9	E	24-25-37	11	4747
"	(54)	10	F	28-25-37	54	3648
TOTAL		24			714	

CITIES SERVICE OIL CO.

Hodges B	(8)	3	L	1-25-37	8	**18750

CONE, GORDON M.

Corrigan		1	M	11-25-37	No C-116	
					No C-115	

CONTINENTAL OIL CO.

Jack B-26	(24)	1	C	26-24-37	24	TSTM
"	(18)	2	E	"	18	"
"	(23)	3	D	"	23	1565
"	(74)	4	L	"	74	14
"	(52)	5	N	"	52	TSTM
"	(33)	6	K	"	33	697
Jack B-27	(43)	1	A	27-24-37	43	326
"	(31)	2	H	"	31	2935
"	(25)	3	I	"	25	TSTM
State A-2	(90)	2	J	2-25-37	79	*7111
"	(90)	3	O	"	85	*6622
TOTAL		11			487	

GETTY OIL CO.

L.M.Buff.C	(2)	1	M	18-25-38	2	TSTM
A. B. Coates C						
"	(37)	10	F	24-25-37	37	**10270
"	(36)	14	G	"	36	*15583
"	(29)	18	I	"	29	**8345
"	(25)	21	J	"	25	3080

JUSTIS BLINEBRY CONTINUED

GETTY OIL CO. CONT'D

A. B. Coates C						
"	(21)	22	B	24-25-37	21	1714
"	(19)	23	P	"	19	5263
"	(26)	24	H	"	26	**13769
"	(9)	25	A	"	9	4000
"	(42)	26	O	"	42	**9167
"	(13)	27	K	"	13	**24923
G.Riggs B	(15)	6	A	1-26-37	15	**8667
"	(6)	7	H	"	6	**11500
"	(18)	8	B	"	18	5889
TOTAL		14			298	

GULF OIL CORP.

L.McBuff.	(9)	4	N	13-25-37	9	**6333
"	(15)	5	J	"	15	**33733
"	(24)	6	O	"	24	**14375
"	(11)	9	K	"	5	*104364
"	(15)	10	L	"	15	**6000
"	(2)	12	I	"	2	**17000
"	(22)	13	M	"	22	**9364
"	(10)	14	P	"	10	**8900
V.Ramsay NCT-B						
"	(22)	6	K	36-25-37	22	3273
"	(16)	7	J	"	16	**6938
"	(30)	8	I	"	30	3700
"	(6)	9	P	"	6	**10833
"	(11)	10	O	"	11	**6818
"	(6)	11	N	"	6	**13333
"	(25)	12	L	"	25	2615
A. Ramsay NCT-F						
"	(28)	4	G	36-25-37	28	**7500
"	(6)	5	A	"	6	**8167
"	(31)	6	C	"	19	*28967
"	(22)	7	D	"	22	2591
"	(28)	9	B	"	28	3821
"	(28)	10	H	"	28	2036
"	(20)	11	F	"	20	4409
"	(6)	12	E	"	6	**13167
J.A.Stuart		8	D	11-25-37	No C-116	
TOTAL		23			375	

HALE, ELWYN C.

Hale St.	(13)	2	G	2-25-37	13	**12308
"	(3)	3	H	"	3	**65000
TOTAL		2			16	

IMPERIAL AMERICAN MANAGEMENT CO.

El Paso Federal						
"	(63)	1	O	23-25-37	63	1698

KING RESOURCES CO.

El Paso Fed.		2	N	23-25-37	No C-116	

LOWE, RALPH

M.D.Self	(10)	5	D	6-26-38	10	4200
"	(13)	6	E	"	13	3692
TOTAL		2			23	

NATIONAL COOPERATIVE REFINERY ASSOC.

Westates Fed.	(3)	5	E	5-25-38	3	**34333

READING & BATES, INC.

Mosley	(18)	1	P	34-24-37	18	1982

RHODES, J. CECIL

J.A.Stuart		1	N	11-25-37	No C-116	

SHELL OIL CO.

State JM	(58)	1	B	2-25-37	48	*11690
State JP	(43)	1	C	"	43	**10605
TOTAL		2			91	

SKELLY OIL CO.						
Hobbs A (21)	6	E	30-25-37	21	4952	
" (24)	7	D	"	24	4500	
Las Cruc.C(66)	1	G	23-25-37	66	5803	
State L (62)	3	F	2-25-37	62	2258	
" (24)	4	E	"	24	5333	
TOTAL 5				197		
TENNECO OIL CO.						
Fed. 35(20)	1	A	35-25-37	20	3560	
Gins.Fed.(4)	8	M	31-25-38	4	4075	
" (4)	9	D	"	4	2225	
" (12)	10	L	"	12	1710	
" (7)	11	E	"	7	2930	
R.L.Mosley(12)	1	I	34-24-37	12	**11333	
TOTAL 6				59		
TERRA RESOURCES, INC.						
Carl.B-13(6)	5	G	13-25-37	6	**7334	
" (14)	6	H	"	14	5150	
" (28)	7	B	"	28	3514	
TOTAL 3				48		
TEXACO, INC.						
G. L. Erwin A Federal						
" (84)	1	N	35-24-37	94	4200	
" (72)	2	K	"	64	*8861	
" (74)	3	M	"	65	*8703	
" (57)	4	L	"	57	**6456	
G. L. Erwin B Federal NCT-1						
" (15)	5	B	26-24-37	15	4667	
" (14)	6	G	"	14	**10000	
" (6)	7	H	"	6	3500	
" NCT-2 (8)	1	P	35-24-37	8	**58500	
" (110)	2	J	"	71	*8000	
" (40)	3	I	"	13	*42600	
" (4)	4	O	"	4	**82250	
C. C. Fristoe A Federal NCT-1						
" (53)	10	E	35-24-37	53	3434	
" (12)	11	D	"	12	1583	
C. C. Fristoe B Federal NCT-1						
" (9)	2	M	26-24-37	9	889	
" NCT-2 (18)	6	H	35-24-37	18	4722	
" (4)	7	A	"	4	TSTM	
" (46)	8	G	"	46	2543	
" (42)	9	C	"	42	1000	
" (1)	10	P	26-24-37	1	2000	
" (51)	11	F	35-24-37	51	**6492	
" (3)	12	J	26-24-37	3	**65333	
" (10)	13	O	"	10	**45700	
" (22)	14	B	35-24-37	22	1273	
C. C. Penny Federal NCT-4						
" (6)	6	E	19-25-38	6	2333	
" (7)	7	D	"	7	429	
New Mexico State BZ-10						
" (54)	1	K	2-25-37	54	2444	
" (45)	2	N	"	45	1222	
" (30)	3	L	"	30	2300	
" (50)	4	M	"	50	1460	
TOTAL 29				874		
TEXAS PACIFIC OIL CO., INC.						
Carl.Fed.(36)	1	B	26-25-37	36	2888	
" (30)	2	G	"	30	3500	
Eaton,S.W.(108)	8	M	12-25-37	94	2925	
" (130)	10	N	"	94	3992	
Langlie B(41)	1	G	11-25-37	41	4780	
" (28)	2	H	"	17	*32285	
Wimberly (45)	2	A	23-25-37	32	*17800	
" (56)	3	H	"	39	*14285	
TOTAL 8				383		
UNION TEXAS PETROLEUM CORP.						
Blocker (17)	4	F	13-25-37	17	**19529	
" (55)	5	E	"	55	4036	
" (68)	6	D	"	68	**6500	
" (33)	7	C	"	33	**9121	
Buff. B(10)	3	M	19-25-38	10	**9500	
" (19)	4	L	"	19	1105	
Carl. A(53)	3	N	"	53	**9188	
" (60)	4	M	"	60	**7867	
" (20)	5	I	"	20	1900	
" (20)	6	J	"	20	2000	
Carl. B(54)	1	P	23-25-37	54	**7852	
" (57)	2	H	26-25-37	57	5561	
Greg.Fed.A(55)	1	H	35-25-37	55	2895	
Justis (39)	1	J	11-25-37	39	1256	
" (40)	2	I	"	40	4625	
Lang.B(75)	1	P	14-25-37	75	1093	
" (94)	2	O	"	94	2245	
" D (50)	1	N	"	50	4300	
" (42)	2	K	"	42	3190	
Olsen Stu.(22)	2	K	11-25-37	22	2682	
Stuart (60)	6	C	"	60	5950	
" (86)	7	F	"	86	3349	
" (9)	8	E	"	9	1555	
TOTAL 23				1038		
WESTBROOK, V. H.						
J.Williams	8	H	34-24-37	No C-116		
"	9	A	"	No C-116		
WESTATES PETROLEUM CORP.						
Carl.B-25(17)	2	P	25-25-37	17	**9177	
" (38)	5	O	"	38	**9838	
Carl.B-26(36)	5	I	26-25-37	36	5667	
" (30)	6	P	"	30	6600	
"	7	J	"	No C-116		
TOTAL 4				121		
POOL TOTAL 170				5038		

NORTH JUSTIS DEVONIAN

Top Allowable 164 GOR Limit 2,000

SHELL OIL CO.						
State JP (20)	1	C	2-25-37	20	**7900	
TEXACO, INC.						
G. L. Erwin A Federal						
" (1)	2	K	35-24-37	1	**58000	
" B Fed.NCT-2						
" (2)	2	J	"	1	**198000	
" (1)	4	O	"	1	TSTM	
TOTAL 3				3		
POOL TOTAL 4				23		

JUSTIS ELLENBURGER

Top Allowable 210 GOR Limit 2,000

GETTY OIL CO.						
L.M.Buff.B(28)	2	L	19-25-38	28	750	
A. B. Coates C						
" (66)	6	B	24-25-37	66	**2621	
" (111)	17	H	"	111	874	
" (39)	18	I	"	39	718	
" (260)	20	A	"	210	1485	
TOTAL 5				454		
GULF OIL CORP.						
L.McBuff.(9)	11	P	13-25-37	9	778	

JUSTIS ELLENBURGER CONTINUED

TEXACO, INC.						
C. E. Penny Federal NCT-4						
"	(107)	4	E	19-25-38	107	1065
"	(102)	5	D	"	102	79
TOTAL	2				209	
POOL TOTAL	8				672	

NORTH JUSTIS ELLENBURGER

Top Allowable 210 GOR Limit 2,000

GULF OIL CORP.						
W.A.Rams.C	(33)	2	M	36-24-37	33	1333
TEXACO, INC.						
G. L. Erwin B Federal NCT-2						
"	(30)	5	P	35-24-37	30	400
POOL TOTAL	2				63	

JUSTIS FUSSELMAN

Top Allowable 164 GOR Limit 2,000

AMERADA DIVISON-AMERADA HESS CORP.						
Ida Wimb.		3	L	24-25-37	No C-116	
"	(10)	4	M	"	10	**14576
"	(27)	5	C	25-25-37	27	**11500
"	(8)	8	G	"	8	**15536
TOTAL	3				45	
AMOCO PRODUCTION CO.						
State AJ	(17)	6	M	30-25-37	17	235
ATLANTIC RICHFIELD CO.						
State Y	(59)	5	B	25-25-37	59	305
"	(88)	8	H	"	88	*2920
"	(12)	9	A	"	12	583
"	(13)	2	C	34-25-37	13	**3659
Wimb. WN		3	D	34-25-37	No C-116	
"	(15)	4	E	"	15	1168
"	(69)	6	D	24-25-37	46	*7188
TOTAL	6				233	
GETTY OIL CO.						
A. B. Coates C						
"	(90)	11	F	24-25-37	90	644
"	(45)	12	K	"	45	**2956
" D	(55)	2	N	"	55	**5873
TOTAL	3				190	
GULF OIL CORP.						
L.McBuff.	(37)	9	K	13-25-37	37	486
Arnott Ramsay NCT-F						
"	(282)	8	A	36-25-37	164	1035
"	(90)	10	H	"	90	467
TOTAL	3				291	
TENNECO OIL CO.						
Gins.Fed.	(7)	9	D	31-25-38	7	1270
"	(18)	11	E	"	18	490
TOTAL	2				25	
UNION TEXAS PET. CORP.						
Carl. A	(55)	1	J	25-25-37	55	1273
"	(220)	2	I	"	164	527
TOTAL	2				219	
WESTATES PETROLEUM CO.						
Carl.B-25	(30)	3	O	25-25-37	30	1940
"	(94)	6	P	"	94	1447
TOTAL	2				124	
POOL TOTAL	22				1144	

NORTH JUSTIS FUSSELMAN

Top Allowable 164 GOR Limit 2,000

AMERADA DIVISON-AMERADA HESS CORP.						
State NJA	(47)	3	A	2-25-37	47	43
GULF OIL CORP.						
Ramsay C	(37)	3	L	36-25-37	37	**2541
"	(44)	4	M	"	44	1818
TOTAL	2				81	
HALE, ELWYN C.						
Hale St.	(43)	3	H	25-25-37	43	**2837
HUMBLE OIL & REFINING CO.						
N.M.St.BM	(28)	2-1	I	2-25-37	28	536
"	(12)	3	P	"	12	500
TOTAL	3				40	
NATIONAL COOPERATIVE REFINERY ASSOC.						
Westates Fed.	(32)	4	E	1-25-37	32	469
"	(68)	7	D	"	68	426
TOTAL	2				100	
SHELL OIL CO.						
State JM	(13)	2	B	2-25-37	13	1231
TEXACO, INC.						
G. L. Erwin B Federal NCT-2						
"	(66)	3	I	35-24-37	66	840
"	(28)	4	O	"	28	286
"	(30)	5	P	"	30	267
C. C. Fristoe B Federal NCT-2						
"	(3)	6	H	35-24-37	4	TSTM
TOTAL	4				128	
POOL TOTAL	14				452	

NORTH JUSTIS GLORIETA

Top Allowable 70 No GOR Limit

WESTATES PETROLEUM CORP.						
Carlson B-1(2)		2	E	1-25-37	2	

JUSTIS McKEE

Top Allowable 164 GOR Limit 2,000

GETTY OIL CO.					
Justis McKee Unit					
"	107	G	24-25-37	No C-116	
"	117	H	"	"	
"	304	E	19-25-38	"	
"	305	D	"	"	
GETTY OIL CO.					
Project (8 Units)					
Justis McKee Unit					
"	116	O	24-25-37	8	
"	119	P	"	6	
"	606	O	13-25-37	50	
"	701	M	19-25-38	10	
"	108	B	24-25-37	Input	
"	404	A	25-25-37	S.I.	
"	604	N	13-25-37	S.I.	
"	612	I	"	S.I.	
TOTAL	4			74	
POOL TOTAL	4			74	

NORTH JUSTIS McKEE

Top Allowable 164 GOR Limit 2,000

AMERADA DIVISON-AMERADA HESS CORP.				
State NJA	1	A	2-25-37	No C-116

NORTH JUSTIS McKEE CONTINUED

HALE, ELWYN C.
Hale St.(77) 3 H 2-25-37 77 **2857

JUSTIS MONTOYA
Top Allowable 164 GOR Limit 2,000
ATLANTIC RICHFIELD CO.
State Y (14) 3 B 25-25-37 14 **2683
" (12) 6 H " 12 250
" (35) 7 A " 35 594

TOTAL 3 61
GETTY OIL CO.
A. B. Coates C
" (23) 7 G 24-25-37 23 **2522
" (18) 9 J " 18 **4556
" (16) 10 F " 16 **3750
" (49) 13 K " 49 735
" (14) 15 O " 14 **7500
" (68) 22 B " 68 **2162

TOTAL 6 188
GULF OIL CORP.
L.McBuff.(50) 8 N 13-25-37 50 540

UNION TEXAS PETROLEUM CORP.
Carlson A(5) 2 I 25-25-37 5 800
" (5) 6 J " 5 1200

TOTAL 2 10

POOL TOTAL 12 309
NORTH JUSTIS MONTOYA
Top Allowable 164 GOR Limit 2,000
AMERADA DIVISON-AMERADA HESS CORP.
State NJA 1 A 2-25-37 No C-116

GULF OIL CORP.
W. A. Ramsay C
" (41) 4 M 36-24-37 41 **3146

NATIONAL COOPERATIVE REFINERY ASSOC.
West.Fed.(8) 8 E 1-25-37 8 875

TEXACO, INC.
G. L. Erwin B Federal NCT-2
" (20) 5 P 35-24-37 20 600

POOL TOTAL 3 69
JUSTIS TUBB DRINKARD
Top Allowable 94 GOR Limit 2,000
AMERADA DIVISON-AMERADA HESS CORP.
Ida Wimb. 3 L 24-25-37 No C-116
" (16) 4 M " 16 1086
" (2) 5 C 25-25-37 2 **10490
" 6 F " No C-116
" 7 D " "
" (16) 8 G " 16 **4345
" 9 E " No C-116

TOTAL 3 34
ATLANTIC RICHFIELD CO.
Jal (14) 2 B 11-25-37 14 **3714
" (11) 3 A " 11 **2917
Lang. A Fed. 1 H 14-25-37 No C-116
State Y 8 H 25-25-37 "
Stu. A WN 2 C 14-25-37 "
Wimb.WN(53) 6 D 24-25-37 15 *12226
" 3 D 24-25-37 No C-116

TOTAL 3 40
CONTINENTAL OIL CO.
State A-2(3) 2 J 2-25-37 3 TSTM

JUSTIS TUBB DRINKARD CONTINUED

CONTINENTAL OIL CO. CONT'D
State A-2(7) 3 O 2-25-37 7 1429

TOTAL 2 10
GETTY OIL CO.
A. B. Coates C
" (26) 11 F 24-25-37 25 *7654
" (20) 12 K " 20 **2350
" (57) 14 G " 57 **2649
" (13) 16 O " 13 1615
" (14) 25 A " 14 **3929
" D (36) 2 N " 19 *9722
State BB(41) 2 D 2-25-37 41 **3365

TOTAL 7 189
GULF OIL CORP.
L.McBuffington
" (2) 7 M 13-25-37 2 **12000
" (10) 10 L " 10 **6000
A.Ramsay F(2) 11 F 36-25-37 2 **4409
Vinson Ramsay NCT-B
" (8) 7 J " 8 **13875
" (6) 8 I " 6 **18000

TOTAL 5 28
HALE, ELWYN C.
Hale St.(9) 1 H 2-24-37 9 **4111

SHELL OIL CO.
State JM(33) 1 B 2-25-37 16 *11879
State JP(24) 1 C " 12 *15125

TOTAL 2 28
SKELLY OIL CO.
State L(4) 3 F 2-25-37 4 **5000
" (8) 4 E " 8 **5375

TOTAL 2 12
TENNECO OIL CO.
R.L.Mosley(30) 1 I 34-24-37 30 1600

TEXACO, INC.
G. L. Erwin A Federal
" (1) 1 N 35-24-37 1 **2000
" (1) 2 K " 1 **8000
" (2) 3 M " 2 1000
" (1) 4 L " 1 1500
" B Fed.NCT-2
" (1) 1 P " 1 TSTM
" (3) 3 I " 3 **6000
" (1) 4 O " 1 TSTM
C. C. Fristoe B Federal NCT-2
" (1) 6 H 35-24-37 1 **44000
" (4) 7 A " 4 **12500
" (1) 10 P 26-24-37 1 **2000
N.M.BZ-10(6) 1 K 2-25-37 6 **5167
" (3) 3 L " 3 900
" (6) 4 M " 6 **5167
C. E. Penny Federal NCT-4
" (2) 6 E 19-26-38 2 **2200

TOTAL 14 33
TEXAS PACIFIC OIL CO., INC.
Eaton,S.W.(19) 8 M 12-25-37 19 **2157
" (4) 9 L " 4 **13000
" (9) 10 N " 9 **7222
" (134) 11 K " 94 1925
Langlie B (4) 1 G 11-25-37 4 **9250
" 2 H " T.A.
Wimberly (14) 3 H 23-25-37 13 *14642

TOTAL 6 143

JUSTIS TUBB DRINKARD COTNINUED

UNION TEXAS PETROLEUM CORP.

Blocker	6	D	13-25-37	No C-116	
Buff. B(2)	3	M	19-25-38	2	**2000
"	4	L	"	No C-116	
Carl. B	1	P	25-25-37	No C-116	
Justis (12)	1	J	11-25-37	12	1250
" (24)	2	I	"	24	792
Langlie B	2	O	14-25-37	No C-116	
Olsen Stu.(3)	2	K	11-25-37	3	**2000
Stuart (49)	6	C	"	49	**3184
" (20)	7	F	"	20	**8450
TOTAL	6			110	

WESTATES PETROLEUM CORP.

Carl.B(29)	2-4	P	25-25-37	29	**3200
" (31)	3	O	"	31	**2667
Carl.B-26	6	P	26-25-37	No C-116	
TOTAL	3			60	
POOL TOTAL	55			726	

KEMNITZ LOWER WOLFCAMP

Top Allowable 397 GOR Limit 2,000

ANTWEIL, MORRIS R.

N.M. BB St.	1	E	22-16-34	No C-116	

GOODRICH, JOHN S.

Nappi (54)	1	M	23-16-33	54	1700

MARATHON OIL CO.

State SA(12)	1	G	20-16-34	12	**5748
" (14)	2	H	"	14	1442
State SB	1	N	16-16-34	No C-116	
TOTAL	2			26	

MIDWEST OIL CORP.

State G(20)	1	O	23-16-33	20	**3570

PHILLIPS PETROLEUM CO.

N.M. A(24)	1	K	35-16-33	24	275
" (4)	3	J	"	4	1450
Acreage factor .750					
TOTAL	2			28	

PUBCO PETROLEUM CORP.

Kemnitz Lower Wolfcamp East Ut.

" (30)	1	M	22-16-34	30	124
" (50)	2	K	"	50	56
" (10)	3	O	"	10	110
" (35)	4	A	28-16-34	35	149
" (21)	5	C	27-16-34	21	205
TOTAL	5			146	

TENNECO OIL CO.

Kemnitz Wolfcamp Unit

" (18)	1	I	21-16-34	18	4950
"	2	C	"	S.I.	
"	3	K	20-16-34	S.I.	
" (12)	4	I	24-16-33	12	6423
"	8	P	19-16-34	S.I.	
" (8)	11	M	21-16-34	8	625
" (44)	12	O	"	44	4269
" (14)	13	A	29-16-34	14	14000
" (30)	14	C	"	30	30750
"	15	D	"	S.I.	
"	16	A	30-16-34	S.I.	
"	17	C	"	S.I.	
"	18	A	25-16-33	S.I.	
"	19	C	"	S.I.	
" (15)	20	A	26-16-33	15	11000
" (17)	21	E	25-16-33	17	3148
" (27)	22	G	"	27	33389

KEMNITZ LOWER WOLFCAMP CONTINUED

TENNECO OIL CO. CONT'D

Kemnitz Wolfcamp Unit

" (14)	23	E	30-16-34	14	46000
Acreage factor .813					
" (20)	24	G	"	20	45500
" (24)	25	G	29-16-34	24	4327
" (10)	26	E	"	10	8250
" (66)	27	K	"	66	6550
" (160)	28	K	30-16-34	160	19109
"	29	F	26-16-34	S.I.	
Phil.St.(62)	1	I	25-16-33	62	11354
Kem.WC Ut.	5	O	24-16-33	Input	
"	6	M	19-16-34	"	
Acreage factor .800					
"	9	M	20-16-34	"	
"	10	O	"	S.I.	
TOTAL	16			541	

*Allowable Transferred from Input Wells by Order R-1938.

POOL TOTAL 27 815

KEMNITZ LOWER WOLFCAMP WEST

(80 Acre Spacing)

Top Allowable 397 GOR Limit 2,000

DELAWARE APACHE CORP.

Malj.No.Ut.(32)	1	G	31-16-33	32	**3600
" (111)	2	K	"	85	1910
" (26)	4	E	"	26	**3760
TOTAL	3			143	

MONSANTO CO.

N.E.Malj.(14)	1	I	31-16-34	14	**3690
POOL TOTAL	4			157	

KEMNITZ UPPER WOLFCAMP SOUTH

Top Allowable 327 GOR Limit 2,000

PENNZOIL UNITED, INC.

Gulf State(8)	1	P	32-16-34	8	1538

KEMNITZ CISCO PENN

Top Allowable 397 No GOR Limit

TENNECO OIL CO.

State B(26)	2	E	21-16-34	10	

KING DEVONIAN

Top Allowable 473 No GOR Limit

CABOT CORP.

H.Fleet(40)	2	P	35-13-37	40	
N.M. C St.(57)	1	E	"	57	
J.L.Reed(63)	1	H	"	63	
" (177)	2	A	"	167	
TOTAL	4			327	

KERR-McGEE INDUSTRIES, INC.

St.E-7169(17)	1	L	36-13-37	17	

TEXAS PACIFIC OIL CO., INC.

State S(151)	1	A	2-14-37	151	
Acreage factor 1.050					
POOL TOTAL	6			495	

KING PENN

Top Allowable 327 No GOR Limit

CABOT CORP.

H.Fleet(80)	1	E	35-13-37	10	

KING WOLFCAMP

Top Allowable 327 No GOR Limit

CABOT CORP.

N.M. C St.(26)	2	D	26-13-37	12	

KNOWLES DEVONIAN

Top Allowable 946 No GOR Limit
Allowables figures in accordance with R-49 and R-52.

AMERADA DIVISON-AMERADA HESS CORP.

Nona T. Axvig				
"	(90)	1 P	34-16-38	90
**L.Cooper	(3)	2 C	2-17-38	3
Acreage factor .900				
W.W.Ham.	(60)	1 K	35-16-38	60
**W.W.Ham.A	(70)	2 I	34-16-38	70
Rose Eaves A				
"	(20)	1 B	2-17-38	20
Acreage factor .950				
S.B.Rose		1 F	35-16-38	No C-116

POOL TOTAL 5 243

**Not to exceed allowable for 40 acre unit.

KNOWLES DEVONIAN SOUTH

Top Allowable 150 No GOR Limit

GULF OIL CORP.

H.V.Black	(33)	1 K	13-17-38	33
W.F.Cone	(88)	1 P	12-17-38	88
"	(30)	2 O	"	30
TOTAL	3			151

JAKE HAMON & GULF OIL CORP.

Davis Fed.	(40)	1 A	13-17-38	40
"	(100)	2 P	"	100
F.M.Hollow.	(15)	2 O	"	15
H.V.Law.A	(23)	1 D	19-17-39	23
D.F.Will.	(18)	1 D	18-17-39	18
"	(25)	2 M	"	25
TOTAL	6			221

MACDONALD OIL CORP.

Amer.Hardin	(53)	1 B	24-17-38	53

POOL TOTAL 10 425

LANGLIE MATTIX SEVEN RIVERS QUEEN

Top Allowable 70 GOR Limit 10,000

AIKMAN, CLAUDE E.

M.E.Hale		1 G	2-25-37	Gas Well

AMERADA DIVISION-AMERADA HESS CORP.
Project (53.99 Units)
Langlie Mattix Woolworth Unit

"	001 N	33-24-37	7
"	101 C	28-24-37	39
"	102 D	"	20
"	103 F	"	T.A.
"	104 E	"	2
"	201 K	"	3
"	203 L	"	5
"	301 B	"	77
"	304 I	"	33
"	305 G	"	179
"	306 O	"	36
"	401 A	"	30
"	501 D	27-24-37	3
"	502 E	"	30
"	602 M	"	200
"	603 K	"	39
"	701 B	"	35
"	702 G	"	5
"	705 I	"	2
"	708 A	"	29
"	709 O	"	4
"	801 C	33-24-37	25
"	903 K	"	51
"	112 I	"	341
"	113 P	"	2
"	115 O	"	17
"	116 A	"	350
"	503 C	27-24-37	1

AMERADA DIVISON-AMERADA HESS CORP. CONT'D
Langlie Mattix Woolworth Unit

"	117 G	33-24-37	150
"	123 E	34-24-37	356
"	126 C	"	30
"	127 A	"	1
"	131 G	"	2
"	141 K	"	2
"	161 O	"	31
"	162 N	"	8
"	163 M	"	53
"	003 N	33-24-37	Input
"	202 N	28-24-37	"
"	308 J	"	"
"	504 F	27-24-37	"
"	505 C	"	"
"	601 L	"	"
"	604 N	"	"
"	703 J	"	"
"	707 P	"	"
"	111 H	33-24-37	"
"	105 F	28-24-37	"
"	118 B	33-24-37	"
"	119 J	"	"
"	121 H	34-24-37	"
"	122 F	33-24-37	"
"	124 D	34-24-37	"
"	125 B	"	"
"	142 L	"	"
"	165 N	"	"
"	166 P	"	"
"	151 J	"	"
"	204 M	28-24-37	"
"	302 H	"	"
"	710 H	27-24-37	"
"	802 F	33-24-37	"
"	307 P	28-24-37	"
"	804 D	33-24-37	"
TOTAL	36		2198

AMERADA DIVISON-AMERADA HESS CORP.

Federal H	(4)	1 H	18-23-37	4	3593
St.LMA Com	(2)	1 P	32-23-37	2	1597
State LMT		2 F	36-23-36	Gas Well	
"	(2)	3 G	"	2	1567
"	(1)	4 H	"	1	9340
"	(2)	7 C	"	2	2491
"		8 D	"	No C-116	
Ida Wimberly		1 A	26-25-37	Gas Well	
"		2 C	25-25-37	"	
"		11 L	24-25-37	"	
"		13 M	24-25-37	"	
"		14 G	25-25-37	"	
"		15 D	"	"	
"		16 F	"	"	
TOTAL	5			11	

AMOCO PRODUCTION CO.

Myers B Federal R-AA					
"	(3)	3 I	4-24-37	3	5954
"		5 K	9-24-37	Gas Well	
" R/AB	(2)	8 H	7-24-37	2	5150
"	(2)	16 D	5-24-37	2	7643
Acreage factor .975					
"	(2)	17 E	"	2	8285
"	(5)	20 A	7-24-37	5	3024
"	(3)	21 B	"	3	4885
"	(2)	22 C	5-24-37	2	TSTM
Acreage factor .975					
"	(2)	23 F	"	2	7250
State AJ	(2)	1 M	30-25-38	2	**19231
"	(4)	2 L	"	4	8969

LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

AMOCO PRODUCTION CO. CONT'D					
STate AJ(4)	4	H	30-25-38	4	5308
TOTAL	11			31	
AMOCO PRODUCTION CO.					
Project (6 Units)					
Courtland Myers Unit					
"	1	K	22-24-37	7	
"	3	O	"	8	
"	4	N	"	14	
"	2	P	"	Input	
"	5	F	"	"	
"	6	J	"	"	
TOTAL	3			29	
ANADARKO PRODUCTION CO.					
Langlie Mattix Penrose Sand Unit					
Tr. 1 (10)	1	M	14-22-37	10	720
Tr. 2 (6)	1	E	23-22-37	6	1300
Tr. 3 (10)	4	A	22-22-37	10	890
Tr. 5-A(5)	1	D	"	5	1000
Tr. 8	3	D	"	No C-116	
Tr. 13-C (65)	8	A	27-22-37	65	455
Tr. 15 (6)	1	I	22-22-37	6	1850
Tr. 16 (6)	1	M	23-22-37	6	TSTM
Tr. 17 (32)	2	E	26-22-37	32	1050
TOTAL	8			140	
ANADARKO PRODUCTION CO.					
Project (55.33 Units)					
Langlie Mattix Penrose Sand Unit					
Tr. 10	1	I	21-22-37	6	
"	2	K	"	75	
Tr. 11	1	M	"	105	
Tr. 13-D	4	E	27-22-37	150	
Tr. 13-E	6	G	27-22-37	90	
Tr. 18	1	M	26-22-37	20	
Tr. 19	3	I	27-22-37	55	
Tr. 20	1	O	"	95	
Tr. 21	1	M	"	20	
"	6	E	34-23-37	30	
"	8	C	"	30	
Tr. 22	2	K	27-22-37	115	
Tr. 23	1	P	28-22-37	60	
Tr. 24	1	I	"	17	
"	2	O	"	115	
"	3	J	"	120	
Tr. 26	1	G	"	T.A.	
"	2	G	"	157	
Tr. 27	2	C	"	141	
Tr. 28	1	N	"	35	
"	2	K	"	110	
"	5	M	"	100	
"	6	E	"	30	
Tr. 29	1	I	29-22-37	95	
"	3	A	"	32	
Tr. 30	1	A	32-22-37	100	
Tr. 32	1-3	E	33-22-37	23	
Tr. 33	2	C	"	30	
Tr. 34	1	G	"	25	
Tr. 35	1	A	"	37	
Tr. 36	2-5	A	34-22-37	50	
Tr. 36	3	G	"	2	
Tr. 37	2	O	"	40	
Tr. 3	1	H	22-22-37	Input	
Tr. 4	1	L	"	"	
"	3	F	"	"	
Tr. 5-B	1	P	21-22-37	"	
Tr. 7	1	H	"	"	
Tr. 8	1	F	22-22-37	"	
Tr. 10	3	J	21-22-37	"	
"	4	L	"	"	
Tr. 12	1	N	"	"	
ANADARKO PRODUCTION CO. CONT'D					
Langlie Mattix Penrose Sand Unit					
Tr. 13-A	1	N	22-22-37	Input	
Tr. 13-B	2	D	27-22-37	"	
Tr. 13-C	5	F	"	"	
Tr. 14	2	J	22-22-37	"	
Tr. 15	2	P	"	"	
Tr. 17	1	D	26-22-37	"	
Tr. 18	2	L	"	"	
Tr. 19	2	P	27-22-37	"	
"	4	H	"	"	
"	5	J	"	"	
Tr. 21	2	N	"	"	
Tr. 37	4	I	34-22-37	2	
Tr. 39	2	O	29-22-37	75	
Tr. 21	3	D	34-22-37	Input	
"	7	F	"	"	
Tr. 22	1	L	27-22-37	"	
Tr. 24	4	J	28-22-37	"	
Tr. 25	2	H	"	"	
"	3	B	"	"	
Tr. 27	1	C	"	T.A.	
Tr. 28	3	F	"	Input	
"	4	L	"	"	
Tr. 28	7	N	"	"	
Tr. 35	2	H	33-22-37	"	
"	3	B	"	"	
Tr. 36	1	B	34-22-37	"	
"	4	H	"	"	
Tr. 37	1	J	"	"	
"	3	P	"	"	
Tr. 39	1	P	29-22-37	"	
TOTAL	36			2187	
ATLANTIC RICHFIELD CO.					
M.Goins(2)	2Y	I	27-23-37	2	**25000
" (5)	3	P	"	5	**19200
State Y	1	B	25-25-37	Gas Well	
" (1)	2	A	"	1	**61000
Burleson WN(2)	1	C	8-25-37	2	5500
J.Camp WN	1	M	6-24-37	Gas Well	
" (4)	3	L	"	4	2250
Acreage factor .950					
L.Carter(4)	1	H	9-24-37	4	3000
B.Davis(40)	2	N	34-23-36	40	TSTM
Duthie And. Unit WN					
"	1	J	18-24-37	Gas Well	
Duthie, J. H. WN					
" Bat. 2	3	I	"	Gas Well	
Hanagan(30)	3	L	12-25-36	30	567
W.H.Harr.A WN	2	D	29-24-37	Gas Well	
" C WN	3	L	20-24-37	"	
T.M.Lank.WN(1)	1	C	25-23-36	1	2000
W.T.Matkins WN					
" (4)	2	I	15-23-36	4	4250
" (4)	3	L	14-23-36	4	500
" (9)	4	K	"	9	333
E.L.Steeler WN					
" (2)	1	F	19-23-37	2	500
Stuart AWN(1)	1	C	14-25-37	1	2195
Toby WN(2)	2	I	12-24-36	2	**98500
TOTAL	15			111	
BATEMAN, FRANK					
Davis	1	N	33-23-37	No C-116	
BOURG, OSCAR, ESTATE OF					
Janda St.(2)	1	H	24-23-36	2	*345000
" (1)	2	B	"	1	*573000
TOTAL	2			3	

LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

BROWN DRILLING CO., TOM					
LaMun.Fed.(7)	1	E	28-23-37	7	9571
BUCKLES, GEORGE L. CO.					
Project (3.66 Units)					
Jamison	1	H	21-24-37	14	
"	2	E	22-24-37	6	
"	3	A	21-24-37	7	
"	5	H	"	Input	
"	6	H	"	Input	
TOTAL	3			27	
BUCKLES, GEORGE L., CO.					
Project (6.31 Units)					
Knight	1	I	21-24-37	40	
"	2	L	22-24-37	30	
"	3	P	21-24-37	40	
"	4	M	22-24-37	20	
"	5	M	"	Input	
"	6	P	21-24-37	"	
"	7	I	"	"	
"	8	L	22-24-37	"	
"	9	L	"	"	
"	10	M	"	"	
"	11	M	"	"	
"	12	P	21-24-37	"	
"	13	P	"	"	
TOTAL	4			130	
BURLESON & HUFF					
W.M.Cook	2	P	38-25-37	No C-116	
Gutman (15)	1	I	29-25-37	15	2160
Leonard (5)	1	P	20-25-37	5	5000
TOTAL	2			20	
BYROM, W. K.					
Buff.(4)	1	L	19-25-38	4	4444
" (3)	2	M	"	3	5221
Davis (5)	1	L	33-23-37	5	6999
" (4)	2	K	"	4	7140
Davis B (5)	1	M	"	5	3560
McBuff. (4)	1	I	13-25-37	4	4560
" (3)	2	P	"	3	6140
Sinc.Carter(5)	1	A	9-24-37	5	5555
TOTAL	8			33	
CARTER FOUNDATION PRODUCTION CO.					
G.H.Mtx.(10)	1	F	3-24-37	10	807
" (3)	2	C	"	3	761
Acreage factor .975					
" (3)	3	J	"	3	869
" (4)	4	D	"	4	1478
" (6)	5	E	"	6	2137
" (6)	6	O	"	6	2481
TOTAL	6			32	
CARTER FOUNDATION PRODUCTION CO.					
Project (16.66 Units)					
B. Cade	1	L	35-23-37	20	
"	2	K	"	15	
"	3	N	"	15	
E.E.Blinebry	1	I	34-23-37	15	
"	2	O	"	12	
"	3	P	"	14	
"	4	M	35-23-37	13	
"	5	E	"	18	
"	6	F	"	14	
"	7	H	34-23-37	3	
"	8	A	"	30	
"	9	D	35-23-37	40	
"	10	C	"	36	
"	12	J	34-23-37	17	
"	11	P	"	Input	

CARTER FOUNDATION PRODUCTION CO. CONT'D					
E.E.Blinebry					
"	15	E	35-23-37	Input	
"	13	M	"	"	
"	14	I	34-23-37	"	
"	16	G	"	"	
TOTAL	14			262	
CITIES SERVICE OIL CO.					
Hodges B	1	M	1-25-37	Gas Well	
CLARKE, RALPH					
Imp.Roy(2)	1	F	9-24-37	2	**30000
CONTINENTAL OIL CO.					
Jack A-29(5)	3	H	29-24-37	5	TSTM
" (4)	5	B	"	40	875
" (40)	6	G	"	40	3300
"	2	I	"	Input	
"	4	O	"	"	
TOTAL	3			85	
CONTINENTAL OIL CO.					
Project (14 Units)					
Langlie Jack Unit					
"	1	O	17-24-37	10	
"	3	A	20-24-37	31	
"	4	B	"	94	
"	5	C	"	50	
"	8	G	"	20	
"	9	H	"	24	
"	11	L	21-24-37	117	
"	13	J	20-24-37	75	
"	15	P	"	175	
"	2	P	17-24-37	Input	
"	6	D	20-24-37	"	
"	7	F	"	"	
"	10	E	21-24-37	"	
"	12	I	20-23-37	"	
"	14	O	20-23-7	"	
"	16	M	21-24-37	"	
"	17	A	29-24-37	"	
TOTAL	9			596	
CONTINENTAL OIL CO.					
Langlie Jack Unit					
"	9	H	20-24-37	Gas Well	
"	2	I	29-24-37	"	
Jack B-17(2)	2	D	17-24-37	2	2000
Jack B-29	1	P	29-24-37	Gas Well	
Lynn B-1(5)	5	C	26-23-36	5	**13200
" (6)	6	D	"	6	3333
" (2)	9	B	25-23-37	2	2000
" (6)	10	E	"	6	4333
" (4)	11	K	"	4	4000
" (3)	14	F	"	3	7333
" (6)	15	L	"	6	4833
Stevens B(16)	4	M	12-23-36	16	9500
" (2)	5	N	"	2	TSTM
" (4)	6	B	"	4	1750
" (7)	7	C	"	7	714
" (9)	12	J	7-23-37	9	1778
" (10)	17	P	"	10	1600
" (11)	18	I	"	11	2091
" (11)	19	O	"	11	2182
" (11)	20	B	18-23-37	11	2091
" (7)	21	H	7-23-37	7	TSTM
Stevens B-14(3)	2	J	14-23-36	3	2333
Stew. 28(2)	1	M	28-23-37	2	3500
Stew. 29(2)	1	O	29-23-37	2	3500
St.KQ-32(6)	1	J	32-24-37	6	1667
Vaughn A-12(2)	1	E	12-24-36	2	1000

LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

CONTINENTAL OIL CO. CONT'D					
Vaughn B-1(3)	3	A	1-24-36	3	TSTM
Acreage factor .975					
" (4)	5	D	"	4	**26750
Vaughn B-12	1	H	12-24-36	Gas Well	
Stevens B	8	A	12-23-36	Input	
TOTAL	25			144	
CONTINENTAL EMSCO CO.					
Fow.Hair(5)	1	C	9-24-37	5	1800
DECK, MILLARD					
Clower St.(90)	1	I	20-22-37	70	444
Shell St.(11)	1	K	36-24-36	11	*1455
Patsy (83)	1	A	20-22-37	70	1965
" (55)	2	B	"	55	2455
TOTAL	4			206	
EL PASO NATURAL GAS CO.					
Carl.A Fed.	2	M	25-25-37	Gas Well	
Carl. Fed.	3	I	23-25-37	"	
Greg. A Fed.	2	L	33-25-37	"	
Langlie A	2	K	14-25-37	"	
FROST, JACK, ESTATE OF					
Rams. St.	1	E	36-24-37	No C-116	
"	3	L	"	"	
"	4	M	"	"	
GACKLE, ALBERT					
Cowden B(4)	2	M	30-23-37	4	TSTM
Cowden C(6)	1	D	31-23-37	6	1333
" (5)	2	E	"	5	2600
" (3)	3	F	"	3	3667
" (5)	5	G	"	5	1000
E.F.King(13)	2	I	12-23-36	13	3385
" (12)	3	P	"	12	**15083
Mobil King(6)	1	O	"	6	9333
" (6)	2	J	"	6	**19167
Sinc.A St.(3)	2	K	23-23-36	3	4333
" (3)	3	L	"	3	**10000
" (8)	4	J	"	8	**24250
" (3)	6	N	"	3	8667
" (5)	7	O	"	5	4200
" (6)	8	H	"	6	**10500
" (20)	9	P	"	20	**14000
Sinc. B St.(6)	5	B	3-23-36	6	**15500
Acreage factor 1.075					
" (6)	6	C	"	6	2833
Acreage factor 1.075					
" (9)	7	A	"	9	5333
Acreage factor 1.075					
" (3)	8	D	"	3	1667
Acreage factor 1.050					
" (3)	9	E	"	3	3333
" (3)	10	F	"	3	**48000
" (6)	11	G	"	6	2333
" (3)	12	H	"	3	**32000
TOTAL	24			147	
GETTY OIL CO.					
L.M.Buffin(1)	1	L	18-25-38	1	TSTM
A.B.Coates C	1	F	24-25-37	Gas Well	
" #2 (1)	2	A	"	1	**18000
" (1)	3	P	"	1	**52000
" (1)	5	H	"	1	**30000
A. B. Coates D					
"	1	N	"	Gas Well	
B.F.Davis (3)	1	J	33-23-37	3	3667
E.F.King(6)	2	L	1-23-36	6	500
" (4)	3	K	"	4	5000

GETTY OIL CO. CONT'D					
E.F.King(6)	4	M	1-23-36	6	2333
TOTAL	8			23	
GREAT WESTERN DRILLING CO.					
H.Leon.B(3)	1	H	32-23-37	3	**11724
" (4)	4	B	"	4	**13438
"	5	A	"	No C-116	
TOTAL	2			7	
GULF OIL CORP.					
L.McBuff.	1	L	12-25-37	Gas Well	
Bertha	1	M	23-24-37	"	
Carter Eaves NCT-A					
" (5)	2	F	6-24-37	5	2400
B.A.Christmas				9	
" (9)	1	K	"		2778
J.R.Holt NCT-A					
"	2	N	"	Gas Well	
" NCT-B(9)	2	P	36-23-36	9	2667
J.F.Janda NCT-H					
"	2	P	11-23-36	Gas Well	
" (5)	3	J	"	5	**59800
"	4	O	"	Gas Well	
" NCT-1(4)	3	D	2-23-36	4	9250
Acreage factor 1.075					
"	4	A	"	Gas Well	
Acreage factor 1.100					
" (4)	5	C	"	4	3750
Acreage factor 1.075					
" (5)	7	H	"	5	**63000
" (3)	8	G	"	3	1333
"	9	E	"	Gas Well	
C. E. LaMunyon					
" (3)	2	E	29-23-37	3	5000
" (3)	17	B	"	3	3000
" (2)	18	C	"	2	TSTM
A.Ramsay NCT-F					
"	1	D	36-25-37	Gas Well	
TOTAL	11			52	
GULF OIL CORP.					
Project (24.33 Units)					
Stuart Langlie Mattix Unit					
"	101	D	2-25-37	2	
"	105	L	"	24	
"	106	M	"	36	
"	109	C	11-25-37	12	
"	110	D	"	10	
"	111	A	10-25-37	20	
"	112	B	"	25	
"	113	C	"	50	
"	114	D	"	35	
"	116	F	"	25	
"	118	H	"	3	
"	121	I	"	1	
"	122	J	"	10	
"	124	L	"	10	
"	102	E	2-25-37	Input	
"	103	F	"	"	
"	104	K	"	"	
"	107	N	"	"	
"	108	B	11-25-37	"	
"	115	E	10-25-37	"	
"	117	G	"	"	
"	119	E	11-25-37	"	
"	120	F	"	"	
"	123	K	10-25-37	"	
"	125	C	"	"	
"	126	A	"	"	
"	127	E	"	"	
"	128	I	"	"	
TOTAL	14			263	

HENDRIX, JOHN H.						
State JG(4)	1	I	2-23-36	4	**85000	
" (1)	2	J	"	1	*700000	
" (1)	3	K	"	1	*725000	
" (1)	4	L	"	1	*546000	
State JJ(1)	1	I	13-23-36	1	*650000	
" (1)	2	J	"	1	*825000	
TOTAL 6				9		
HILL, JOHN H.						
Las Cruces(7)	1	N	15-23-37	7	1857	
" "A" (3)	1	G	22-23-37	3	667	
LaMun.A Fed.(4)	1	C	"	4	4250	
" (3)	2	F	"	3	7333	
LaMun.B Fed.(2)	1	K	"	2	5500	
" (3)	2	J	"	3	4667	
" C Fed.(3)	1	B	27-23-37	3	2333	
" (4)	2	A	"	4	2000	
TOTAL 8				29		
HUNT, N. B.						
Mattix A(1)	1	B	3-24-37	1	**32510	
Acreage factor .975						
" (2)	3	H	"	2	**19483	
" (1)	4	G	"	1	**23878	
" (2)	5	I	"	2	**13783	
Mattix B(1)	1	H	10-24-37	1	3534	
" (1)	2	J	"	1	**10614	
"	3	O	"	Gas Well		
Matt.B-10(4)	1	F	"	4	**13107	
" (2)	2	C	"	3	**19448	
" (5)	3	B	"	5	9706	
TOTAL 9				20		
IMPERIAL AMERICAN MANAGEMENT CO.						
Alston (2)	3	A	27-25-37	2	5450	
"	4	F	26-25-37	Gas Well		
JOHNSON, L. A. & JOHNNIE FRENCH						
Davis (3)	L	O	33-23-37	3	**27536	
" (6)	2	P	"	6	**18659	
Federal A(3)	1	A	14-25-37	3	**69667	
"	2	B	"	Gas Well		
Federal B	1	G	"	"		
"	2	H	"	"		
TOTAL 3				12		
KING, WARREN & DYE						
Toby	1	L	7-24-37	No C-115		
				No C-116		
"	2	K	"	No C-115		
				No C-116		
LANIER, SIDNEY						
Conditt	1	M	12-25-36	R-3221		
LOWE, RALPH						
M.D.Self(7)	3	D	6-26-38	7	1657	
" (6)	4	E	"	6	1509	
State C(2)	1	K	36-23-36	2	3450	
TOTAL 3				15		
MAN & HILL						
LaMunyon Fed.						
" (2)	2	D	22-23-37	2	**35000	
" (1)	4	H	21-23-37	1	**18000	
TOTAL 2				3		
MOBIL OIL CORP.						
J.Camp (7)	1	D	6-24-37	7	2714	
Acreage factor .950						

MOBIL OIL CORP.				
Project (21 Units)				
Humphrey Queen Unit				
"	1	A	4-25-37	2
"	3	C	3-25-37	2
"	5	A	"	10
"	7	H	4-25-37	5
"	8	E	3-25-37	2
"	10	G	"	37
"	12-11	H	"	25
"	14	I	4-25-37	3
"	16	K	3-25-37	5
"	18	I	"	5
"	21	M	"	15
"	22	N	"	100
"	24	O	"	3
"	25	P	"	10
"	2	D	"	Input
"	4	B	"	"
"	7	H	4-25-37	"
"	9	F	3-25-37	"
"	13	I	4-25-37	"
"	15	L	3-25-37	"
"	17	J	"	"
"	6	A	"	"
"	19	P	"	"
"	20	M	"	"
"	23	O	"	"
TOTAL 15				224
MOBIL OIL CORP.				
Project (26.65 Units)				
Langlie Mattix Queen Unit				
"	1	L	11-25-37	30
"	4	N	10-25-37	4
"	5	C	"	17
"	6	O	"	1
"	8	M	11-25-37	30
"	10	C	15-25-37	8
"	12	A	"	3
"	16	G	"	13
"	18	E	14-25-37	15
"	20	I	15-25-37	3
"	24	O	"	11
"	29	B	22-25-37	75
"	30	A	"	5
"	33	G	"	25
"	34	H	"	75
"	2	L	11-25-37	Input
"	3	M	"	"
"	7	P	10-25-37	"
"	11	B	15-25-37	"
"	14-13	D	14-25-37	"
"	15	F	15-25-37	"
"	17	H	"	"
"	19	J	"	"
"	21	L	14-25-37	"
"	22	N	15-25-37	"
"	25	P	"	"
"	27	M	14-25-37	"
"	28	B	22-25-37	"
"	31	D	23-25-37	"
"	32	G	22-25-37	"
"	35	E	23-25-37	"
TOTAL 15				315
PARKER, R. L., TRUST				
Erwin (4)	1	M	35-24-37	4 9250
" (3)	2	L	"	3 **12333
" (2)	3	K	"	2 **18500
TOTAL 3				9

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LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

PEARSON SIBERT OIL CO. OF TEXAS					
Mattix (2)	1	A	10-24-37	2	842
Fow.Hair(4)	1	D	11-24-37	4	1438
TOTAL	2			6	
PETROLEUM CORP. OF TEXAS					
Lank.B	2	B	25-23-36	No C-116	
Langlie A St.					
"	24	H	36-24-36	"	
PHILLIPS PETROLEUM CO.					
Vernon (4)	1	J	36-24-36	4	5595
C. D. Woolworth					
" (17)	7	N	23-24-36	17	4021
" Tr. 3	3	I	6-25-37	No C-116	
TOTAL	2			21	
RASMUSSEN, JAMES W.					
Hunt (14)	1	N	26-23-37	14	2071
LaMun.Fed.	1	H	29-23-37	No C-116	
" (14)	2	A	"	14	450
TOTAL	2			28	
RESERVE OIL & GAS CO.					
Carter (3)	1	A	25-23-36	4	4000
Lanehart(11)	1	E	28-25-37	11	727
TOTAL	2			15	
RESERVE OIL & GAS CO.					
Cooper Jal Unit					
" (4)	102	B	18-24-37	4	3000
" (4)	103	A	"	4	2250
" (1)	106	H	"	1	**15000
" (1)	107	K	13-23-36	1	**44000
" (1)	109	K	18-24-37	1	**44000
" (7)	111	P	14-24-36	7	3429
" (1)	113	N	13-23-36	1	**44000
" (1)	116	M	18-24-36	1	**47000
Acreage factor .950					
" (2)	120	C	24-24-36	2	**12500
" (4)	121	B	"	4	**11750
" (2)	123	D	19-24-37	2	**12500
Acreage factor .950					
" (1)	124	C	"	1	**13000
" (2)	125	F	24-24-36	2	**13500
" (6)	126	G	"	6	**12500
" (6)	127	H	"	6	**12666
" (2)	128	E	19-24-37	2	**12500
Acreage factor .950					
" (1)	129	F	"	1	**13000
" (1)	132	I	24-24-36	1	7000
" (1)	133	K	19-24-37	1	**27000
" (3)	139	B	25-24-36	3	4666
" (4)	140	A	"	4	4500
" (1)	141	D	30-24-37	1	**12000
Acreage factor .950					
" (3)	144	H	25-24-36	3	4666
TOTAL	23			59	
RESLER & SHELDON					
Fanning (1)	1	E	33-23-37	1	2400
Fanning #2	3	F	"	Gas Well	
Fanning(5)	4	D	"	5	8200
" (5)	5	C	"	5	8700
Fanning B(2)	1	A	"	2	8300
Kelly St.(1)	1	K	16-23-37	1	5200
" (1)	2	L	"	1	5400
" (1)	3	M	"	1	7100
"	4	N	"	Gas Well	
May	1	B	21-23-37	"	
May A	2	G	"	"	
Steeler A(4)	1	L	20-23-37	4	3000
TOTAL	8			20	

SAMEDAN OIL CORP.					
Hughes B-4(4)	7	E	17-23-37	4	6314
" (10)	11	D	"	10	3274
" (10)	12	A	18-23-37	10	3147
Hughes B-6(4)	10	E	19-23-37	4	**58183
Acreage factor .950					
TOTAL	4			28	
SHELL OIL CO.					
State A	1	I	36-24-36	No C-116	
State JK(2)	1	I	22-23-36	2	9500
" (6)	2	J	"	6	**10667
" (5)	3	P	"	5	6400
" (5)	4	O	"	5	6000
TOTAL	4			18	
SHELL OIL CO.					
Project (4.33 Units)					
Black	1	J	21-24-37	90	
"	2Y	O	"	80	
"	3	N	"	75	
"	4	N	"	Input	
"	5	N	"	"	
"	6	O	"	"	
"	7	J	"	"	
TOTAL	3			245	
SHELL OIL CO.					
Project (18 Units)					
Langlie Mattix Unit No. 1					
"	2	L	14-24-37	10	
"	4	N	"	20	
"	6	B	23-24-37	30	
"	8	D	"	10	
"	10	F	"	40	
"	12	H	"	2	
"	14	J	"	15	
"	16	N	"	10	
"	18	P	"	10	
"	1	K	14-24-37	Input	
"	3	M	"	"	
"	5	O	"	"	
"	7	C	23-24-37	"	
"	9	E	"	"	
"	11	G	"	"	
"	13	I	"	"	
"	15	K	"	"	
"	17	O	"	"	
TOTAL	9			147	
SKELLY OIL CO.					
E.Coates(4)	4	P	3-24-36	4	1250
" (6)	5	I	"	6	**30000
J.W.Cooper(4)	1	K	12-24-36	4	6500
" (2)	2	L	"	2	**70000
Hobbs K (4)	1	N	2-23-36	4	**31750
" (6)	2	M	"	6	**14167
Hobbs L (4)	1	P	"	4	**32750
" (3)	?	O	"	3	**116333
Johnson JC(1)	1	E	20-23-37	1	**130000
" (7)	2	A	"	7	1571
" #2 (1)	3	H	"	1	**57000
" #2 (1)	5	C	"	1	**123000
King C (2)	2	B	1-23-36	2	2000
Acreage factor 1.100					
" (7)	3	G	"	7	857
" (2)	4	H	"	2	3000
Lib.Roy(2)	1	O	7-24-37	2	**67000
" (2)	2	P	"	2	**16000
" (1)	3	I	"	1	**11000
" (1)	4	J	"	1	**23000

LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

SKELLY OIL CO. CONT'D					
Matkins,J.M.(3)	1	M	14-23-36	3	9000
" (2)	2	N	"	2	**18000
Mattix "A"1(4)	1	D	2-24-37	4	1250
Acreage factor .975					
" (5)	2	E	"	5	1200
" (5)	3	L	"	5	1800
" (6)	5	C	"	6	1167
Acreage factor .975					
" #2 (2)	7	M	"	2	1500
" (2)	8	N	"	2	1500
Mex D (1)	1	J	36-23-36	1	**120000
" (5)	2	O	"	5	**38400
Mex P (2)	2	G	2-24-37	2	1500
Steeler (1)	2	A	17-23-37	1	**23000
" (5)	3	H	"	5	6400
" (5)	4	M	"	5	3200
" (2)	5	K	"	2	**17500
" (8)	7	L	"	8	4375
" (2)	8	G	"	2	**10500
Toby (5)	2	N	7-24-37	5	2000
Mattix A #1	4	K	2-24-37	Input	
Steeler	6	J	17-23-37	"	
TOTAL 37				125	
SKELLY OIL CO.					
Project (60 Units)					
Skelly Penrose A Unit					
"	1	K	34-22-37	15	
"	3	I	33-22-37	40	
"	5	K	"	99	
"	7	M	"	30	
"	9	O	"	43	
"	11	M	34-22-37	30	
"	14	C	3-23-37	15	
"	15	D	"	69	
"	16	A	4-23-37	8	
"	18	C	"	43	
"	20	G	"	6	
"	22	E	3-23-37	1	
"	24	G	"	400	
"	25	I	"	10	
"	27	K	"	3	
"	29	J	4-23-37	3	
"	31	K	"	17	
"	33	M	"	36	
"	35	O	"	27	
"	37	M	3-23-37	3	
"	39	O	"	2	
"	41	A	10-23-37	28	
"	43	C	"	2	
"	45	A	9-23-37	3	
"	47	G	"	48	
"	49	E	10-23-37	33	
"	51	G	"	5	
"	54	K	"	3	
"	56	I	9-23-37	35	
"	58	O	"	2	
"	59	P	"	20	
"	60	M	10-23-37	11	
"	2	L	34-22-37	Input	
"	4	J	33-23-37	"	
"	6	L	"	"	
"	8	N	"	"	
"	10	P	"	"	
"	12	N	34-22-37	"	
"	13	B	3-23-37	"	
"	17	B	4-23-37	"	
"	21	H	"	"	
"	23	F	3-23-37	"	
"	26	J	"	"	
"	28	L	"	"	
"	30	J	4-23-37	"	
"	32	L	"	"	

SKELLY OIL CO. CONT'D				
SkellyPenrose A Unit				
"	34	N	4-23-37	Input
"	36	P	"	"
"	38	N	3-23-37	"
"	40	B	"	"
"	42	B	10-23-37	"
"	44	D	"	"
"	46	B	9-23-37	"
"	48	H	"	"
"	50	F	10-23-37	"
"	52	H	"	"
"	53	J	"	"
"	55	L	"	"
"	57	J	9-23-37	"
"	61	F	4-23-37	
TOTAL 32				1090
SKELLY OIL CO.				
Project (59.4 Units)				
Skelly Penrose B Unit				
"	2	C	32-22-37	25
"	4	E	"	15
"	6	G	"	24
"	7	I	"	35
"	9	K	"	3
"	11	I	31-23-37	9
"	13	M	32-22-37	11
"	15	O	"	6
"	18	A	5-23-37	19
Acreage factor 1.100				
"	20	C	"	11
Acreage factor 1.100				
"	22	A	6-23-37	30
"	23	B	"	16
Acreage factor 1.100				
"	24	G	"	9
"	26	E	5-23-37	11
"	28	G	"	8
"	30	E	4-23-37	30
"	31	I	5-23-37	32
"	33	K	"	68
"	35	I	6-23-37	7
"	37	M	5-23-37	5
"	39	O	"	16
"	41	C	9-23-37	5
"	43	A	8-23-37	6
"	44	C	"	6
"	46	A	7-23-37	7
"	47	B	"	6
"	48	E	8-23-37	13
"	49	G	"	4
"	51	E	9-23-37	15
"	53	K	"	32
"	55	I	8-23-37	4
"	56	L	"	11
"	59	P	"	6
"	60	M	9-23-37	1
"	61	N	"	1
"	1	B	32-22-37	Input
"	3	D	"	"
"	5	F	"	"
"	8	J	"	"
"	10	L	"	"
"	12	P	31-23-37	"
"	14	N	3-23-37	"
"	16	P	"	"
"	17	D	4-23-37	"
"	19	B	5-23-37	"
"	21	D	"	"
Acreage factor 1.100				
"	25	H	6-23-37	"
"	27	F	5-23-37	"
"	29	H	"	"

LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

SKELLY OIL CO. CONT'D						
Skelly Penrose B Unit						
"		32	J	5-23-37	Input	
"		34	L	"	"	
"		36	P	6-23-37	"	
"		38	N	5-23-37	"	
"		40	P	"	"	
"		42	D	9-23-37	"	
"		45	D	8-23-37	"	
"		50	H	"	"	
"		52	F	9-23-37	"	
"		54	L	"	"	
"		62	F	8-23-37	"	
"		63	B	"	"	
TOTAL		35			507	
SKELLY OIL CO.						
Skelly Penrose B Unit						
"	(4)	57	N	8-23-37	4	3500
"	(1)	58	O	"	1	3000
TOTAL		2			5	
SUNSET INTERNATIONAL PETROLEUM CORP.						
F.Hair	(3)	1	E	14-24-37	3	200
"	(9)	3-5	D	"	9	200
M.A.Hair	(5)	1	E	11-24-37	5	300
Jack B-26		3	L	26-24-37	Gas Well	
Jack B-15	(4)	1	A	15-24-37	4	**37500
"	(4)	2	H	"	4	**37500
TOTAL		6			25	
TENNECO OIL CO.						
Gins.Fed.	(4)	5	D	31-25-38	4	4750
"	(4)	7	L	"	4	5000
"	(2)	8	M	"	2	4500
"	(10)	13	K	"	10	4600
TOTAL		4			20	
TERRA RESOURCES INC.						
Carl.B-13	(3)	1	H	13-25-37	3	7365
"	(3)	4	A	"	3	7461
TOTAL		2			6	
TEXACO INC.						
Black	(42)	1	G	21-24-37	42	TSTM
"	(1)	3	B	"	1	"
"	(6)	4	F	"	6	"
"	(1)	5	K	"	1	"
"		6	F	"	Input	
"		7	C	"	"	
E.E.Blinebry A Federal NCT-1						
"	(4)	1	J	31-23-37	4	TSTM
"	(2)	2	I	"	2	"
"	(1)	3	P	"	1	"
" B Fed. NCT-1						
"	(5)	1	L	"	5	TSTM
"	(3)	3	K	"	3	"
"	(5)	5	N	"	5	"
" B Fed.NCT-4		2	J	35-23-37	No C-116	
G. L. Erwin B Federal NCT-1						
"	(22)	1	B	26-24-37	22	1500
"	(2)	2	G	"	2	2000
"	(2)	3	A	"	2	1500
"	(1)	4	H	"	1	2000
Fanning	(1)	3	H	5-24-37	1	TSTM
"	(1)	4	E	4-24-37	1	"
"	(2)	5	A	5-24-37	2	1000
Acreage factor .975						
"	(5)	6	D	4-24-37	5	TSTM
C. C. Fristoe A NCT-1						
"		6	D	35-24-37	Gas Well	

TEXACO INC. CONT'D						
C. C. Fristoe B Federal NCT-2						
"	(2)	2	I	26-24-37	2	1500
"	(3)	4	A	34-25-37	3	2000
"	(1)	5	H	35-24-37	1	3000
J. H. Gambrell Federal						
"	(1)	1	E	26-24-37	1	2000
C. E. Penny Federal NCT-4						
"	(3)	1	E	19-25-38	3	1333
"	(2)	3	D	"	2	4500
State B-4	(4)	1	M	32-23-37	4	TSTM
"	(2)	2	N	"	2	"
State N. M. BZ						
"	(1)	1	E	16-23-37	1	8000
"	(1)	2	F	"	1	TSTM
"	(1)	3	J	"	1	6000
"	(1)	4	G	"	1	TSTM
"	(1)	5	C	"	1	2000
"	(1)	6	B	"	1	9000
"	(1)	7	H	"	1	9000
"	(1)	8	D	"	1	**13000
"	(1)	9	A	"	1	2000
"	(1)	10	P	"	1	**10000
"	(1)	11	I	"	1	9000
Young B	(5)	2	I	5-24-37	5	TSTM
"	(1)	3	O	"	1	"
TOTAL		39			141	
TEXAS PACIFIC OIL CO., INC.						
Bline.Eva	(3)	1	M	29-23-37	3	9333
"	(3)	2	N	"	3	8000
Bline B	(3)	2	N	34-23-37	3	2000
"	(6)	6	K	"	6	4166
Carlson		2	H	26-25-37	Gas Well	
"		3	P	23-25-37	"	
Clift	(9)	6	M	8-23-37	9	3777
Eaton	(1)	1	M	12-25-37	1	**67000
"	(2)	2	O	"	2	**16500
"	(1)	3	K	"	1	**50000
"	(3)	4	N	"	3	**33000
"	(2)	5	J	"	2	**21500
"	(4)	6	L	"	4	**34750
" B A/c-1	(6)	1	C	"	6	1833
Farns.4	(12)	2	A	4-26-37	12	2666
"	(3)	3	H	"	3	5666
"	(13)	8	J	"	13	6000
"	(5)	10	I	"	5	7400
"	(5)	12	E	"	5	2800
"	(4)	14	P	"	4	3500
Gregory A	(5)	5	I	33-25-37	5	**22000
Gregory C	(11)	2	H	35-25-37	11	6818
Greg. O	(5)	3	M	33-25-37	5	**10000
"	(5)	1	O	"	5	**32400
Hodge	(1)	1	H	8-24-37	1	**140000
"	(1)	3	B	"	1	**206000
"	(9)	4	G	"	9	**14777
E. King SE	(3)	3	J	1-23-36	3	4000
"	(10)	4	O	"	10	2900
Langlie(Jal)		1	J	14-24-37	Gas Well	
C.Meyers B	(4)	1	F	13-24-36	4	4250
C.Meyers	(2)	4	P	6-24-37	2	6000
"	(4)	5	O	"	4	7250
"	(3)	6	I	"	3	3333
"	(3)	7	L	5-24-37	3	3666
St.A a/c-1	(1)	27	F	23-23-36	1	**410000
"	(2)	33	F	15-23-36	2	**36500
"	(8)	42	A	4-23-36	8	4000
Acreage factor 1.050						
"	(10)	43	M	3-23-36	10	**10800
"	(8)	44	B	4-23-36	8	9625
Acreage factor 1.050						
St.A a/c-1	(3)	17	P	24-23-36	3	3666

LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

TEXAS PACIFIC OIL CO., INC. CONT'D					
St.A A/c-1(7)	45	H	4-23-36	7	**13714
" (6)	46	L	3-23-36	6	**18833
" (7)	47	K	"	7	5000
" (6)	48	N	"	6	4333
" (4)	49	D	10-23-36	4	**126750
" (3)	50	H	24-23-36	3	**11333
" (3)	51	N	"	3	**27000
" (5)	52	K	"	5	**55000
" (1)	53	E	"	1	**159000
" (3)	54	I	"	3	**13333
" (4)	55	E	10-22-36	4	**25250
" (5)	57	B	13-23-36	5	8200
" (3)	58	G	11-23-36	3	**44333
" (13)	60	G	13-23-36	13	2384
" (10)	61	J	3-23-36	10	**34300
" (5)	62	B	11-23-36	5	**22800
" (4)	63	I	3-23-36	4	**109750
" (9)	64	O	"	9	**34333
" (7)	65	D	23-23-36	7	**37142
" (5)	66	D	13-23-36	5	4400
" (2)	67	H	11-23-36	2	**179000
" (4)	68	A	"	4	**49000
" (4)	69	P	3-23-36	4	**116250
" (5)	70	H	15-23-36	5	4600
" (4)	71	M	13-23-36	4	**49250
" (4)	72	E	23-23-36	4	**10250
" (4)	73	C	"	4	6500
" (5)	74	E	13-23-36	5	**29600
" (9)	75	F	"	9	**21444
" (4)	77	B	14-23-36	4	*189750
" (2)	78	C	"	2	**95000
" (3)	79	E	"	3	**42333
" (4)	80	G	15-23-36	4	6500
" (3)	81	C	10-23-36	3	9000
" (4)	83	C	11-23-36	4	**113750
" (5)	84	G	23-23-36	5	**47000
" (3)	85	F	11-23-36	3	**83000
" (10)	88	K	10-23-36	10	5100
" (7)	90	A	15-23-36	7	8285
" (12)	91	C	"	12	2333
" (3)	92	D	11-23-36	3	**139666
" (4)	95	L	"	4	**64750
" (1)	97	P	22-23-36	1	**113000
" (3)	98	B	23-23-36	3	**28666
" (2)	99	E	11-23-36	2	**121500
" (3)	100	H	9-23-36	3	8666
" (1)	102	D	14-23-36	1	**385000
" (2)	103	N	11-23-36	2	**152500
" (1)	105	H	23-23-36	1	**251000
" (5)	106	A	13-23-36	5	**14400
" (5)	107	L	24-23-36	5	**51400
" (4)	108	M	"	4	**41750
" (2)	109	A	23-23-36	2	**125500
" (7)	110	H	13-23-36	7	4428
St.A A/c-2(29)	3	I	10-23-36	29	1482
" (7)	4	B	"	7	**25714
" (4)	5	G	"	4	7500
" (2)	6	J	"	1	*516000
"A/c-3A(2)	8	P	"	2	**89500
TOTAL	97			477	
UNION TEXAS PETROLEUM CORP.					
Blocker (2)	1	C	13-25-37	2	**50000
" (3)	2	F	"	3	**51667
" (3)	3	D	"	3	**46667
Farnsw.	1	G	4-26-37	No C-116	
Harrison(2)	1	M	23-23-37	2	**172414
Henry (4)	3	M	26-25-37	4	7500
TOTAL	5			14	
UNION TEXAS PETROLEUM CORP.					
Langlie Jal Unit					
" (2)	18	I	31-24-37	2	2500

UNION TEXAS PETROLEUM CORP. CONT'D.					
Langlie Jal Unit					
" (3)	19	L	32-24-37	3	**13333
" (6)	32	C	6-24-37	6	7333
" (1)	42	G	4-25-37	1	6000
" (4)	45	H	5-25-37	4	2750
" (1)	51	F	6-25-37	1	**30000
" (7)	52	E	"	7	2142
Acreage factor .950					
" (6)	53	L	"	6	2667
Acreage factor .950					
" (5)	56	I	"	5	**16000
" (4)	58	K	5-25-37	4	7250
" (5)	59	J	"	5	9400
"	64	O	"	No C-116	
" (2)	69	N	6-25-37	2	3500
TOTAL	12			46	
WESTATES PETROLEUM CO.					
Carl.A(14)	1	L	23-25-37	14	9970
" (8)	1	P	22-25-37	8	5431
" (9)	2	O	"	9	4710
Carl.B-27(5)	2	I	27-25-37	5	5880
Carl.B-25(1)	1	P	25-25-37	1	8020
Carl.B-1	1	C	1-25-37	No C-116	
Carl.B-26(1)	3	J	26-25-37	1	1401
Carl. B 1 P	"			Gas Well	
"	4	L	"	"	
TOTAL	6			38	
WILBANKS, BRUCE A.					
Janda	1	G	24-23-36	No C-116	
THE WISER OIL CO.					
Calley A(3)	1	N	20-24-37	3	**130300
WOLFSON OIL CO.					
Cline Fed.(38)	2	E	15-23-37	38	1440
" (22)	3	D	"	22	1545
" (32)	4	K	"	32	1465
N.M.AA St.(1)	2	A	22-23-36	1	*660000
" (3)	3	H	"	3	**12000
" (2)	4	B	"	2	**11000
Matkins(4)	1	J	15-23-36	4	**23000
" (4)	2	O	"	4	**80000
TOTAL	8			106	
WOOD, McSHANE & THAMS-COLORADO					
Project (39 Units)					
N.M. M State	5	D	19-22-37	7	
"	6	B	"	2	
"	8	I	18-22-37	10	
"	11	J	19-22-37	8	
"	12	M	17-22-37	6	
"	17	M	29-22-37	40	
"	18	K	"	50	
"	19	A	31-22-37	2	
"	20	F	29-22-37	15	
"	21	G	"	40	
"	25	L	29-22-37	13	
"	27	H	30-22-37	30	
"	29	N	19-22-37	16	
"	30	P	"	20	
"	34	D	29-22-37	20	
"	59-35	B	30-22-37	90	
"	36	P	"	10	
"	39	J	"	30	
"	40	L	19-22-37	8	
Acreage factor .925					
"	43	F	30-22-37	1	
"	47	N	20-22-37	12	
"	63	H	30-22-37	90	
"					

NM 21

LANGLIE MATTIX SEVEN RIVERS QUEEN CONTINUED

WOOD, McSHANE & THAMS-COLORADO CONT'D

"	4	C	19-22-37	Input	
"	13	K	20-22-37	"	
"	14	H	31-22-37	"	
"	15	N	29-22-37	"	
"	16	J	"	"	
"	22	B	"	"	
"	23	C	29-22-37	"	
"	24	O	19-22-37	"	
"	26	E	29-22-37	"	
"	28	I	30-22-37	"	
"	31A		"	"	
"	37	M	20-22-37	"	
"	38	G	30-22-37	"	
"	41	O	"	"	
"	42	E	19-22-37	"	
"	44	I	"	"	
"	45	G	30-22-37	"	
"	46	C	19-22-37	"	
TOTAL	23			520	

YURONKA, JOHN

Lynn B-25(2)	1	N	25-23-36	2	**61819
" (5)	2	J	"	5	2147
" (2)	3	K	"	2	2345
TOTAL	3			9	
POOL TOTAL	693			11115	

LAZY J PENN

Top Allowable 264 GOR Limit 2,000

COQUINA OIL CORP.

Hanagan State					
" (26)	1	K	21-13-33	26	1115
" (131)	2	L	21-13-33	100	1619
Huber St.(34)	1	G	2-14-33	30	1207
TOTAL	3			156	

MOSS, H. S.

State C	2	C	34-13-33	No C-116	
				No C-115	

SCHNEIDER, TOM

St. N. M. Lazy J "B"					
" (35)	1	P	34-13-33	35	828

SKELLY OIL CO.

W.Beaty(23)	1	F	35-13-33	23	1913
" (101)	2	H	"	101	1703
" (16)	3	K	"	16	**2500
" (34)	4	P	"	34	1706
" (29)	5	I	"	29	**2034
W.Sanders(14)	1	D	1-14-33	14	**2250
TOTAL	6			217	

TEXACO INC.

N.M. AQ St.11(41)	1	J	3-14-33	41	950
" (3)	2	N	"	3	867
N.M.BV St.#1(1)	2	L	26-13-33	1	TSTM
" #2 (45)	1	E	36-13-33	45	765
" NCT-2(3)	2	K	"	3	1567
N.M.BV St.#2(12)	3	M	"	12	992
N.M.BY-1 State					
" (4)	2	A	35-13-33	4	**11125
N.M.BY-2 State					
" (42)	1	N	"	42	1600
N.M. DM State NCT-1					
" (10)	1	N	21-13-33	10	TSTM
" (7)	2	M	"	7	"
" NCT-2(260)	1	E	"	200	"
N.M.BV St.#1	1	E	26-13-33	Input	
"	5	M	"	Input	
TOTAL	11			368	

LAZY J PENN CONTINUED

TEXAS AMERICAN OIL CORP.

Sinclair State					
" (35)	1	O	21-13-33	35	**2785

TEXAS CRUDE OIL CO.

State (16)	1	G	26-13-33	16	1912

WESTERN OIL PRODUCERS, INC.

State A	1	L	34-13-33	No C-115	
				No C-116	
POOL TOTAL 23				827	

LEA BONE SPRINGS

(80 Acre Spacing)

Top Allowable 334 GOR Limit 2,000

GULF OIL CORP.

Lea DS ST.(395)	1	E	36-19-34	334	856

MARATHON OIL CO.

Lea Unit	2	F	12-20-34	No C-116	
"	4	H	"	"	
"	7	N	"	"	

PENNZOIL UNITED, INC.

Mescalero Ridge Unit					
" (407)	2	J	35-19-34	334	786
" (359)	3	P	"	334	947
" (146)	4	H	"	146	945
TOTAL	3			814	

THE SUPERIOR OIL CO.

Government E(158)	1	N	25-19-34	158	1019

TEXACO, INC.

K.F.Quail Federal					
" (8)	1	L	1-20-34	8	450

UNION OIL CO. OF CALIFORNIA

State 36(456)	1	M	36-19-34	334	781
" (459)	2	L	"	334	922
TOTAL	2			668	
POOL TOTAL	8			1982	

LEA DEVONIAN

Top Allowable 864 No GOR Limit

MARATHON OIL CO.

Lea Unit					
" (306)	1	L	12-20-34	225	
" (93)	2	F	"	75	
" (82)	3	J	13-20-34	60	
" (91)	4	H	11-20-34	70	
" (77)	5	J	12-20-34	55	
" (106)	6	J	11-20-34	60	
" (165)	9	B	13-20-34	125	
" (121)	10	F	"	90	
POOL TOTAL	8			760	

LEA YATES

Top Allowable 70 No GOR Limit

GACKLE, ALBERT

Han.A Fed.(5)	1	I	15-20-34	3	

LEAMEX PENN

Top Allowable 397 No G.R Limit

PHILLIPS PETROLEUM CORP.

Leamex #2(74)	6	L	24-17-33	65	
" (66)	7	F	"	45	
POOL TOTAL	2			110	

NM 8 0

LEAMEX WOLFCAMP
Top Allowable 327 No GOR Limit
PHILLIPS PETROLEUM CO.
Leamex (40) 9 O 16-17-33 20
" (36) 10 I " 25

POOL TOTAL 2 45

LEONARD SEVEN RIVERS
Top Allowable 70 No GOR Limit
BETTIS, BOYLE & STOVALL
Leonard Fed.(26)1 J 11-26-37 26
" (2) 2 N " 1

POOL TOTAL 2 27

LEONARD QUEEN SOUTH
Top Allowable 70 No GOR Limit
BETTIS, BOYLE & STOVALL
Leon.Fed.(1) 5 I 14-25-37 1

TEXAS PACIFIC OIL CO., INC.
Project (16 Units)
South Leonard Unit
Tr. 3 6 H 23-26-37 21
" 7 E 24-26-37 35
" 8 F " 15
" 13 K " 2
Tr. 4 3 D " 62
" 4 C " 3
" 5 B " 15
" 9 G " 30
" 14 J " 4
" 15 M " 3
Tr. 1 1 N 13-26-37 Input
Tr. 2 2 A 23-26-37 "
Tr. 3 11 I " "
" 12 L 24-26-37 T.A.
Tr. 4 16 N " Input
" 10 H " "

TOTAL 10 190

POOL TOTAL 11 191

LIGHTCAP DEVONIAN
Top Allowable 164 GOR Limit 5,000
MOBIL OIL CORP.
L'Cap.Land Co.
" (10) 1 P 6-8-30 10 **8500
C. L. O'Brien
" (21) 1 A 7-8-30 21 **14524

POOL TOTAL 2 31

LITTLE LUCKY LAKE DEVONIAN
Top Allowable 397 GoR Limit 2,000
TEXACO INC.
Perry Fed.(126)1 G 29-15-30 126 1720
" (145) 3 K " 145 **3463
V.G.Kinahan Federal
" (10) 1 O 20-15-30 10 **9370

POOL TOTAL 3 281

LITTMAN SAN ANDRES
Top Allowable 70 No GOR Limit
ATLANTIC RICHFIELD CO.
East Eunice Federal
" (26) 1 N 21-21-38 9 461
Acreage factor 1.150

ELLIOTT OIL CO.
Numex (13) 1 C 16-21-38 7
Acreage factor 1.125
Ohio Fed.(8) 1 A 17-21-38 5
Parcell (12) 3 I 8-21-38 12

LITTMAN SAN ANDRES CONTINUED
ELLIOTT OIL CO. CONT'D
Wylie (10) 1 N 9-21-38 5
Acreage factor 1.125
" (8) 2 M " 6
Parcell 2 P 8-21-38 Input
Wylie 3 K 9-21-38 Input
Acreage factor 1.125

TOTAL 5 35
SOHIO PETROLEUM CO.
Littman San Andres Unit
Tr 4 2 D 16-21-38 Input

POOL TOTAL 6 44

LONE MISSISSIPPIAN
Top Allowable 210 No GOR Limit
BWP, INC.
General American Federal
" (17) 1 E 7-7-31 10

LOOP 18 MONTOYA
Top Allowable 164 GOR Limit 2,000
GULF OIL CORP.
Harry Leonard NCT-E
" (5) 5 H 16-21-37 5 **2000

LOVINGTON ABO
Top Allowable 210 GOR Limit 2,000
AMERADA DIVISION-AMERADA HESS CORP.
State LA(286) 8 A 1-17-36 210 646
" (312) 9 B " 210 458
" (104)11 G " 104 307
" (30) 12 K " 30 1533

TOTAL 4 554
AMOCO PRODUCTION CO.
State E-18
" (106)15 C 1-17-36 106 126
" (74) 16 D " 74 583
" (105)17 F " 105 506
" (16) 18 A 2-17-36 16 506
" (100)19 E 1-17-36 100 185
" (30) 20 H 2-17-36 30 97
" (33) 21 B " 33 85
" (19) 22 G " 19 516

TOTAL 8 483
ASHLAND OIL, INC.
C.S.Caylor(60)3 C 6-17-37 60 1050
" (2) 4 F " 2 850

TOTAL 2 62
ATLANTIC RICHFIELD CO.
St.182-A(48) 4 K 31-16-37 48 218

CITIES SERVICE OIL CO.
State AE(160) 1 M 36-16-36 160 381
" (176)2Y L " 176 369

TOTAL 2 336
GETTY OIL CO.
State M (18) 2 I 36-16-36 18 889
" (20) 3 J " 20 550
State P (20) 2 D 32-16-37 20 500
" (35) 3 M " 35 314
" (50) 4 N " 50 360

TOTAL 5 143
SKELLY OIL CO.
Caylor (45) 3 B 6-17-37 45 378
" (9) 4 G " 9 889

LOVINGTON ABO CONTINUED

SKELLY OIL CO. CONT'D

State O (35)	9	M	31-16-37	35	543
Acreage factor 1.225					
" (16)	10	L	"	16	625
Acreage factor 1.250					
" (10)	11	O	"	10	700
" (37)	12	J	"	37	432
" (9)	14	I	"	9	667
State Q(77)	3	P	36-16-36	77	390
" (25)	4	O	"	25	1280
State R(10)	5	N	"	10	3100
" (142)	6	K	"	142	359
State S (63)	2	P	35-16-36	63	873
TOTAL 12				478	

SUN OIL CO.

Caylor(91)	3	D	6-17-37	91	555
Acreage factor .925					
" (18)	7	E	"	18	328
Acreage factor .925					
TOTAL 2				109	
POOL TOTAL 36				2213	

LOVINGTON DEVONIAN
(80 Acre Spacing)

Top Allowable 467 GOR Limit 2,000

UNION OIL CO. OF CALIFORNIA

Midway St.(322)	1	F	12-17-36	322	106
" (100)	2	B	"	100	2150
POOL TOTAL 2				422	

LOVINGTON PADDOCK

Top Allowable 124 GOR Limit 2,000

CONTINENTAL OIL CO.

Lovington(14)	1	A	5-17-37	14	1857
Acreage factor 1.025					

COX, JOHN L.

Meyers (11)	1	E	36-16-37	11	**3272
" (11)	2	F	33-16-37	11	**2818
" (15)	3	D	"	15	1800
Shipp (10)	2	G	"	10	**2200
TOTAL 4				47	

GETTY OIL CO.

H.L.Batton(11)	1	B	5-17-37	11	1091
" A (7)	1	E	"	7	1429
D.E.Meyers(6)	1	L	33-16-37	6	333
B.E.Shipp(8)	1	G	32-16-37	8	**2125
" (11)	2	H	"	11	1182
" (9)	3	A	"	9	1222
" (8)	4	B	"	8	1250
State U (16)	1	D	4-17-37	16	438
Acreage factor 1.025					
State V (8)	1	D	5-17-34	8	1750
" (8)	2	C	"	8	1500
State P (19)	6	K	32-16-37	19	1947
" (7)	7	J	"	7	1286
" (12)	8	F	"	12	1833
" (9)	9	I	"	9	1111
" (10)	11	E	"	10	1750
" (9)	12	D	"	9	889
TOTAL 16				158	

NORTH AMERICAN RESOURCES CORP.

Shipp	1	P	29-16-37	No C-116
"	2	O	"	"

LOVINGTON PADDOCK CONTINUED

SKELLY OIL CO.

State O (11)	25	H	31-16-37	11	**6455
" (13)	26	A	"	13	**5308
TOTAL 2				24	

SKELLY OIL CO.
Project (81 Units)
Lovington Paddock Unit

"	1	L	30-16-37	5
Acreage factor 1.250				
"	3	J	25-16-36	8
"	5	N	"	14
"	7	P	"	32
"	9	N	30-16-37	9
"	10	B	31-16-37	13
"	12	D	"	14
Acreage factor 1.250				
"	14	B	36-16-36	14
"	16	D	"	13
"	18	H	"	12
"	19	E	"	22
"	20	F	"	16
"	21	G	"	6
"	22	H	"	8
"	23	E	31-16-37	3
Acreage factor 1.250				
"	24	F	"	13
"	25	G	"	11
"	26	J	"	9
"	28	L	"	13
Acreage factor 1.250				
"	31	L	36-16-36	16
"	32	J	"	25
"	34	I	31-16-37	9
"	35	P	"	2
"	37	N	36-16-36	11
"	39	M	"	20
"	40	O	"	6
"	41	N	"	5
"	42	M	"	7
"	43	P	35-15-36	20
"	46	D	1-17-36	10
"	48	B	"	6
"	50	D	6-17-37	14
Acreage factor .925				
"	52	B	"	6
"	53	A	"	6
"	54	H	"	4
"	56	F	"	10
"	58	H	1-17-36	6
"	59	G	"	7
"	60	F	"	16
"	61	E	"	6
"	63	L	"	25
"	65	J	"	4
"	67	L	6-17-37	12
Acreage factor .925				
"	69	J	"	16
"	71	P	1-17-36	5
"	72	N	"	12
"	74	P	2-17-36	5
"	76	B	12-17-36	35
"	78	D	7-17-37	34
"	79	H	12-17-36	45
"	81	F	"	68
"	2	I	25-16-36	Input
"	4	M	"	"
"	6	O	"	"

LOVINGTON PADDOCK CONTINUED

SKELLY OIL CO. CONT'D
Lovington Paddock Unit

"	8 M	30-16-37		Input
Acreage factor 1.250				
"	11 F	31-16-36		"
"	13 A	36-16-36		"
"	15 C	"		"
"	17 A	35-16-36		"
"	27 K	31-16-37		"
"	29 K	36-16-36		"
"	30 I	35-16-36		"
"	33 I	36-16-36		"
"	36 O	31-16-37		"
"	38 M	"		"
Acreage factor 1.225				
"	44 O	35-16-36		"
"	45 A	2-17-36		"
"	47 C	1-17-36		"
"	49 A	"		"
"	51 C	6-17-36		"
"	55 G	6-17-37		"
"	57 E	"		"
Acreage factor .925				
"	62 I	2-17-36		"
"	64 K	1-17-36		"
"	66 I	"		"
"	68 K	6-17-37		"
"	70 M	"		"
Acreage factor .975				
"	73 M	1-17-36		"
"	75 C	12-17-36		"
"	77 A	"		"
"	80 G	"		"
TOTAL	51		708	"
TENNECO OIL CO.				"
state Q(9)	2 K	30-16-37	9	1470 "
" (8)	4 F	"	8	1400 "
TOTAL	2		17	"
THE WISER OIL CO.				"
State H (25)	1 C	32-16-37	25	960 "
POOL TOTAL	77		993	"

LOVINGTON PENN EAST

Top Allowable 397 GOR Limit 2,000

GETTY OIL CO.				"
State P (16)	1 P	32-16-37	16	875 "
PENNZOIL UNITED, INC.				"
State C(360)	2 P	17-16-37	360	767 "
State 16(317)	1 M	16-16-37	317	956 "
TOTAL	2		677	"
POOL TOTAL	3		693	"

LOVINGTON PENN NORTHEAST
(80 Acre Spacing)

Top Allowable 467 GOR Limit 2,000

CLINTON OIL CO.				"
Montieth State				"
" (48)	1 E	19-16-37	48	**4396 "
Acreage factor 1.275				"
Montieth A State Com.				"
" (51)	1 K	19-16-37	51	**3373 "
Montieth B State				"
" (25)	1 I	"	25	1320 "
TOTAL	3		124	"

LOVINGTON PENN NORTHEAST CONTINUED

GETTY OIL CO.				
H. T. Montieth A				
" (52)	1 M	20-16-37	52	615
" "B" (25)	1 C	19-16-37	25	1040
TOTAL	2		77	
PENNZOIL UNITED, INC.				
Aztec St.(47)	1 J	18-16-37	47	607
State C(279)	1 A	20-16-37	279	806
TOTAL	2		326	
POOL TOTAL	7		527	

LOVINGTON SAN ANDRES

Top Allowable 70 No GOR Limit

GETTY OIL CO.			
State PS(24)	1 N	32-16-37	24
SKELLY OIL CO.			
Project (55 Units)			
Lovington San Andres Unit			
"	2 O	25-16-35	9
"	3 C	36-16-36	6
"	5 A	"	15
"	7 G	31-16-37	5
"	8 F	"	14
"	9 H	36-16-36	38
"	10 G	"	7
"	11 F	"	20
"	12 K	"	14
"	13 I	"	8
"	15 K	31-16-37	15
"	17 I	"	10
"	19 M	32-16-37	17
"	20 P	31-16-37	22
"	21 O	"	18
"	22 N	"	18
"	23 M	"	29
"	24 P	36-16-36	44
"	25 O	"	25
"	26 N	"	20
"	27 P	35-16-36	7
"	29 A	2-17-36	9
"	31 C	1-17-36	15
"	33 A	"	25
"	35 C	6-17-37	45
"	37 A	"	10
"	38 F	"	10
"	39 E	"	21
"	40 H	1-17-36	35
"	41 G	"	70
"	42 F	"	112
"	43 E	"	10
"	44 H	2-17-36	40
"	45 G	"	40
"	49 I	"	19
"	15 P	1-17-36	S.I.
"	53 N	"	7
"	57 M	36-16-36	6
"	58 E	31-16-37	5
"	1 P	25-16-36	Input
"	4 B	36-16-36	"
"	6 B	31-16-37	"
"	14 L	"	"
"	16 J	"	"
"	18 L	32-16-37	"
"	28 B	2-17-36	"
"	30 D	1-17-36	"
"	32 D	"	"

LOVINGTON SAN ANDRES CONTINUED

SKELLY OIL CO. CONT'D
Lovington San Andres Unit Cont'd.

"	34	D	6-17-37	Input
"	36	B	"	"
"	46	L	1-17-36	"
"	47	K	2-17-36	"
"	48	J	1-17-36	"
"	50	L	6-17-36	"
"	54	L	36-16-36	"
"	59	L	6-17-36	"
TOTAL	38			840
POOL TOTAL	39			864

LOVINGTON SAN ANDRES WEST

Top Allowable 70 No GOR Limit

TEXACO INC.
Project (60 Units)
West Lovington Unit

"	1	M	36-16-36	4
"	9	F	5-17-36	12
"	10	G	"	3
"	11	H	"	45
"	12	E	4-17-36	12
"	13	F	"	22
"	14	G	"	20
"	17	I	6-17-36	5
"	19	K	5-17-36	46
"	21	I	"	37
"	23	K	4-17-36	10
"	25	I	"	10
"	28	O	"	10
"	30	M	5-17-36	55
"	31	N	"	15
"	32	O	"	3
"	33	P	"	22
"	34	M	4-17-36	22
"	35	N	"	38
"	36	O	"	37
"	37	P	"	9
"	40	C	7-17-36	8
"	42	A	"	16
"	44	C	8-17-36	15
"	46	A	"	15
"	48	O	9-17-36	32
"	50	E	7-17-36	30
"	52	G	"	76
"	54	E	8-17-36	32
"	55	F	"	24
"	56	G	"	8
"	57	H	"	52
"	59	I	7-17-36	6
"	61	J	8-17-36	10
"	2	B	5-17-36	Input
"	3	A	"	"
"	4	D	4-17-36	"
"	5	C	"	"
"	6	B	"	"
"	7	H	"	"
"	16	J	6-17-36	"
"	18	L	5-17-36	"
"	20	J	"	"
"	22	L	4-17-36	"
"	24	J	"	"
"	26	L	3-17-36	"
"	27	N	6-17-36	"
"	29	P	"	"
"	38	M	3-17-36	"
"	39	D	7-17-36	"
"	41	B	"	"
"	43	D	8-17-36	"
"	45	B	"	"

LOVINGTON SAN ANDRES WEST CONTINUED

TEXACO INC. CONT'D
West Lovington Unit

"	47	D	9-17-36	Input
"	49	B	"	"
"	51	F	7-17-36	"
"	53	H	"	"
"	58	J	"	"
"	60	L	8-17-36	"
"	62	J	"	"
POOL TOTAL	34			761

LUSK DELAWARE

Top Allowable 70 GOR Limit 2,000

AMOCO PRODUCTION CO.
Plains Unit Federal

"	(38)	7	D	33-19-32	38 1316
"	(12)	9	F	"	12 TSTM
"		10	N	28-19-32	No C-116
POOL TOTAL	2				50

LUSK SEVEN RIVERS

Top Allowable 70 GOR Limit 2,000

TENNECO OIL CO.

Shell Fed.	(11)	1	J	3-19-32	11 1825
"	(8)	2	F	"	8 1860
"	(5)	3	D	"	5 1850
" A Fed.	(13)	1	K	"	13 **2200
"	(14)	2	G	"	14 **2140
"	(3)	3	L	"	3 **2110
POOL TOTAL	6				54

LUSK STRAWN
(160 Acre Spacing)

Top Allowable 607 GOR Limit 4,000

CLINTON OIL CO.

Pl.Ut.Fed.	(43)	2	E	28-19-32	30 **4349
"	(12)	3Y	L	"	12 **4666
"	(26)	4Y	M	21-19-32	26 730
Grw.PGOA	(7)	1B		7-19-32	7 2000
TOTAL	4				75

EL PASO PRODUCTS COMPANY
Lusk Deep Unit

"	(12)	1	A	19-19-32	12 **68500
"	(12)	3	E	20-19-32	12 **61000
"	(5)	7	L	"	5 **162000
"	(5)	9	D	17-19-32	5 **5820

So.Cal.Fed.

"	(39)	1	H	29-19-32	39 **6641
"	(43)	4	I	"	43 3534
TOTAL	6				116

NATIONAL REFINERY COOPERATIVE ASSOC.

Lusk St.	(1)	1	M	32-18-32	1 **485000

TENNECO OIL CO.

Delhi Fed.	(12)	1	C	30-19-32	12 **42000
USA Cont.	(24)	1	O	6-19-32	24 **24250
" A Unit	(3)	1	G	"	3 **38000

USA Moleen Unit

"	(2)	1	P	31-18-32	2 **15000

USA Hudson

"	(2)	1	E	6-19-32	2 **15000
TOTAL	5				43

TEXACO INC.
Tex.Cit.Serv.

"	(16)	1	G	32-19-32	16 3813

TEXAS CRUDE OIL CO.

Price Fed.	(40)	2	M	5-19-32	30 **20600

LUSK STRAWN CONTINUED

YATES, S. P. & MARTIN, III
Ell.Hall A(9) 1 A 30-19-32 9 **74700
" B (55) 2 K " 50 1890

TOTAL 2 59

POOL TOTAL 20 340

LUSK YATES

Top Allowable 70 No GOR Limit
AMCO PRODUCTION CO.
Miller (12) 1 E 19-19-32 12

COLLIER, R. D.
So. Cal. Pet. Fed.
" (6) 1 G 19-19-32 3

PLEMONS, JACK
Gulf Fed. 1-2 F 19-19-32 8

POOL TOTAL 4 23

LYNCH YATES SEVEN RIVERS

Top Allowable 70 No GOR Limit
ATLANTIC RICHFIELD CO.
Federal Ballard DE
" (21) 2 C 27-20-34 21
" (8) 3 D " 8
" (8) 4 A " 8
" (4) 5 M 22-20-34 4
Fletcher A Federal DE
" (1) 1 D 35-20-34 1
" (9) 2 P 27-20-34 9
" (1) 3 I " 1
Gulf Fed.DE(42) 1 M " 42

TOTAL 8 94

BERRY, DAN C.
Kinney (2) 1 D 34-20-34 2
Sinc.St.(5) 1 M 1-21-33 5

TOTAL 2 7

BURK ROYALTY CO.
Hanson B(13) 1 E 26-20-34 13
" (20) 2 F " 20
Han.Fed.C(10) 1 M 23-20-34 10
" (8) 3 N " 8
" D (5) 1 D 26-20-34 5
Keohane (1) 1 O 27-20-34 1
Neal (10) 1 B 35-20-34 10
" (6) 2 G " 6
" #4) 4 H " 4

TOTAL 9 77

HUDSON, W. A. & E. R.
Federal (7) 1 E 35-20-34 7

MALLARD EXPLORATION CO.
W. H. Milner Federal
" (16) 2 K 35-20-34 16
" (27) 3 F " 27

TOTAL 2 43

PHILLIPS PETROLEUM CO.
Cruces (7) 1 M 26-20-34 7
" (8) 2 L " 8
" (4) 3 N " 4
" (6) 4 O " 6
" (5) 6 K " 5

TOTAL 5 30

READ & STEVENS, INC.
Hum.St.(4) 1 P 2-21-33 4

LYNCH YATES SEVEN RIVERS CONTINUED

SIVLEY, T. J.
Sil.Fed.(30) 1 J 28-20-34 30
" (81) 3 N " 70

TOTAL 2 100

SUNSET INTERNATIONAL PETROLEUM CORP.
Perry Fed.(14) 1 P 22-20-34 14 200

TEXACO INC.
B. V. Lynch A Federal
" (14) 1 J 34-20-34 14
" (6) 2 P " 6
" (8) 3 B " 8
" (28) 6 M 35-20-34 28
" (11) 7 L " 11
" (19) 9 F 34-20-34 19
" (11) 10 C " 11
" (66) 12 A " 66
" B Fed.(8) 2 N 27-20-34 8

TOTAL 9 171

VOGEL, A. J., INC.
D & E Fed.(11) 1 N 22-20-34 11 1190
" (33) 2 B 27-20-34 33 TSTM
R & B Fed.(11) 1 O 22-20-34 11 1870

TOTAL 3 55

WILSON OIL CO.
Lea State 3 B 2-21-33 No C-116
" 5 A " "

POOL TOTAL 43 602

LYNCH YATES SEVEN RIVERS MIDDLE

Top Allowable 70 No GOR Limit
BERRY, DAN C.
Muse (7) 1 A 21-20-34 4

HANSON OIL CO.
Federal RB(14) 1 B 21-20-34 10

POOL TOTAL 2 14

LYNCH YATES SEVEN RIVERS NORTH

Top Allowable 70 No GOR Limit
BARTON, ROY G.
Federal(25) 1 J 18-20-34 10

CITIES SERVICE OIL CO.
J.McDon.(7) 1 P 18-20-34 7

POOL TOTAL 2 17

MALJAMAR ABO

(80 Acre Spacing)
Top Allowable 280 GOR Limit 4,000
AMOCO PRODUCTION CO.
USA Baish B Federal
" (9) 1I 28-17-32 9 1556

CONTINENTAL OIL CO.
Baish A(24) 12 A 21-17-32 24 958
" (26) 13 E 22-17-32 26 115
" B (17) 1 C " 17 2824

TOTAL 3 67

POOL TOTAL 4 76

MALJAMAR (G-SA)

Top Allowable 70 No GOR Limit
ARWOOD, LTD.
Taylor 2 M 30-16-32 7
" #2 3 N " 15

TOTAL 2 22

ATLANTIC RICHFIELD CO.
Project (16 Units)

Johns A-24 DE	1	M	24-17-32	23
"	3	O	"	5
Johns B-DE	1	E	"	8
"	3	K	"	S.I.
"	6	I	"	18
"	7	A	"	20
"	9	G	"	30
"	11	C	"	28
Johns A-24 DE	5	P	"	Input
"	2	N	"	"
Johns B-DE	2	L	"	"
"	4	F	"	"
"	5	H	"	"
"	8	B	"	"
"	10	J	"	"
"	12	D	"	"
TOTAL	8			137

AZTEC OIL & GAS CO.
Robinson Unit

Tr. 1-31	3	C	31-16-32	2
"	4	D	"	2
Acreage factor 1.025				
"	5	E	"	8
Acreage factor 1.025				
Tr. 2-31	7	G	31-16-32	12
Tr. 3-30	15	O	30-16-32	3
Tr. 3-31	11	K	31-16-32	12
"	13	M	"	4
Tr. 4-36	9	I	36-16-31	3
"	15	O	"	3
Tr. 5-31	15	O	31-16-32	3
"	16	P	"	3
Tr. 2-21	2	B	"	Input
Tr. 2-21	6	F	"	"
Tr. 3-31	14	N	"	"
Tr. 4-31	12	L	"	"
Acreage factor 1.025				
Tr. 4-36	16	P	36-16-31	"
Tr. 5-31	10	J	31-16-32	"
TOTAL	11			55

BAXTER, MURPHY H.

State 13	5	O	13-17-32	15
State 17	1	A	17-17-33	5
TOTAL	2			20

BAXTER, MURPHY H.
Project (18 Units + 4 AF)

State 17	2	B	17-17-32	40
"	3	C	"	6
"	4	D	"	25
"	5	E	"	6
"	7	G	"	23
State 13	3	I	13-17-32	20
State 18	7	M	18-17-33	35
Acreage factor 1.050				
"	1	K	"	30
State 18-B	1	A	"	11
"	3	I	"	6
"	5	O	"	12
"	7	G	"	8
State 17	6	F	17-17-33	Input
"	8	H	"	"
State 18-B	2	N	18-17-33	"
"	4	P	"	"
"	6	J	"	"
"	8	B	"	"
State 18	2	L	"	"
Acreage factor 1.050				

BAXTER, MURPHY H. CONT'D

State 13	4	J	13-17-32	Input
"	6	P	"	"
State 18	8	N	18-17-33	"
TOTAL	12			222

CHEVRON OIL CO.
Project (69.99 Units)
Maljamar Grayburg Unit

"	2	L	2-17-32	16
"	4	G	3-17-32	3
"	5	H	"	4
"	6	I	"	12
"	8	K	"	22
"	10	M	"	16
"	12	O	"	28
"	15	E	4-17-32	28
"	17	G	"	65
"	19	I	"	22
"	21	K	"	16
"	23	L	"	3
"	24-25-	M	"	20
"	27	O	"	15
"	29	A	8-17-32	15
"	33	A	9-17-32	10
"	35	C	"	16
"	37	E	"	5
"	39	G	"	25
"	41	I	"	35
"	43	K	"	43
"	45	M	"	8
"	47	O	"	12
"	49	A	10-17-32	2
"	51	C	"	16
"	53	E	"	12
"	55	G	"	10
"	57	I	"	2
"	59	K	"	20
"	61	M	"	16
"	63	O	"	2
"	64	P	"	15
"	65	K	11-17-32	2
"	67	M	"	9
"	69	O	"	1
"	70	C	14-17-32	8
"	72	E	"	10
"	74	A	15-17-32	6
"	76	G	"	2
"	3	A	3-17-32	Input
"	7	J	"	"
"	9	L	"	"
"	11	N	"	"
"	13	P	"	T.A.
"	14	P	"	Input
"	16	F	4-17-32	"
"	18	H	"	"
"	20	J	"	"
"	22	L	"	"
"	26	N	"	"
"	28	P	"	"
"	32	P	8-17-32	"
"	34	B	9-17-32	"
"	36	D	"	"
"	38	F	"	"
"	40	H	"	"
"	42	J	"	"
"	44	L	"	"
"	46	N	"	"
"	48	P	"	"
"	50	B	10-17-32	"
"	52	D	"	"
"	54	F	"	"

MALJAMAR (G-SA) CONTINUED

CHEVRON OIL CO. CONT'D			
Maljamar Grayburg Unit			
"	56 H	10-17-32	Input
"	58 J	"	"
"	60 L	"	"
"	62 N	"	"
"	66 L	11-17-32	"
"	68 N	"	"
"	71 D	14-17-32	"
"	75 B	15-17-32	"
"	77 H	"	"
TOTAL 40			572
CHEVRON OIL CO.			
Maljamar Grayburg Unit			
"	1 E	2-17-32	16
"	30 I	8-17-32	No C-116
"	31 O	"	2
TOTAL 2			18
CIMA CAPITAN INC. (N.S.L.)			
Harrison	1 F	3-17-32	S.I.
"	2 E	"	35
"	4 D	"	45
TOTAL 2			80
CITIES SERVICE OIL CO.			
Cockb.B St.	1 E	2-13-33	5
Corbin A	2 B	3-18-33	3
State BY	5 J	32-17-33	10
"	6 I	"	9
State CB	1 G	"	10
State CD	1 K	"	10
Wyatt A Fed.	3 N	34-17-33	3
" #2 Fed.	4 O	33-17-33	5
TOTAL 8			55
CITIES SERVICE OIL CO.			
Project (26.66 Units)			
S.M.G.S.A.U.			
Tr. 1	2 I	30-17-33	20
Tr. 2	4 A	"	8
"	3 G	"	8
Tr. 4	2 E	29-17-33	60
"	8 C	"	10
Tr. 5	4 G	"	36
Tr. 6	3-5 K	"	20
"	4 M	"	14
Tr. 7	1 O	"	6
"	4 I	"	8
Tr. 9	2-4 A	32-17-33	27
"	5 H	"	25
Tr. 10	4 C	"	7
Tr. 1	1 J	30-17-33	Input
"	3 P	"	"
Tr. 2	5 B	"	"
Tr. 3	1 H	"	"
Tr. 4	3 F	29-17-33	"
"	7 D	"	"
Tr. 5	5 H	"	"
"	6 B	"	"
Tr. 6	1 L	"	"
"	2 N	"	"
Tr. 7	2 J	"	"
"	3 P	"	"
Tr. 8	3 B	32-17-33	"
TOTAL 15			249
MAGGIE SUETTA COCKBURN			
U.S.Min.(10)	1-2 D	33-17-33	6

CONTINENTAL OIL CO.			
G.Mitch. B	2 P	5-17-32	3
"	3 I	"	20
"	4 O	"	S.I.
"	5 H	"	8
"	6 J	"	6
Gulf St. E	2 K	16-17-32	10
"	3 L	"	Input
Pearl B(60)	3 N	30-17-33	40
TOTAL 6			87
DENIUS, H. R. ET AL			
Cock.Fed.	7 I	33-17-33	3
"	1-10 J	"	12
Wyatt Phil.	8 D	34-17-33	15
TOTAL 4			30
GREAT WESTERN DRILLING CO.			
Malmar Unit			
13	13 M	13-17-32	No C-116
GREAT WESTERN DRILLING CO.			
Project (33 Units + 9 AF)			
Malmar Unit			
7	5 E	7-17-33	3
Acreage factor 1.025			
"	9 I	"	3
"	11 K	"	10
"	13 M	"	8
Acreage factor 1.050			
"	15 O	"	6
12	9 I	12-17-32	3
"	11 K	"	4
"	13 M	"	4
"	15 O	"	18
13	1 A	13-17-32	25
"	3 C	"	4
"	5 E	"	7
"	7 G	"	12
"	11 K	"	8
18	3 C	18-17-33	10
"	5 E	"	10
Acreage factor 1.050			
7	6 F	7-17-33	Input
"	10 J	"	"
"	12 L	"	"
Acreage factor 1.050			
"	14 N	"	"
"	16 P	"	"
12	10 J	12-17-32	"
"	12 L	"	"
"	14 N	"	"
"	16 P	"	"
13	2 B	13-17-32	"
"	4 D	"	"
"	6 F	"	"
"	8 H	"	"
"	12 L	"	"
"	14 N	"	"
18	4 D	18-17-33	"
Acreage factor 1.050			
"	6 F	"	"
TOTAL 16			135
HUDSON, W. A. & E. R.			
Hudson Fed.	2 J	15-17-32	7
N.M. State	1 M	32-16-32	3
TOTAL 2			10
KENNEDY OIL CO., INC.			
State 16	1 M	16-17-33	10

MALJAMAR (G-SA) CONTINUED

KERSEY & COMPANY				
Wallingford	1	C	32-17-32	15
KERSEY & COMPANY				
Project (4 Units)				
Hover	1	A	32-17-32	120
"	2	B	"	Input
Hover F St.	4	G	"	"
"	5	H	"	50
TOTAL	2			170
LARUE, C. E. & B. N. MUNCY, JR.				
Johns B	2	A	35-17-32	R-3221
PENNZOIL UNITED, INC.				
Project (46.33 Units + 6 AF)				
Phil. Fed.	1	A	33-17-33	39
Phil. St.	1	M	28-17-32	6
"	3	E	"	4
"	5	C	"	12
"	7	K	"	4
"	9	O	"	12
"	12	I	"	4
Phil.B St.	2	I	19-17-33	40
"	4	A	"	29
"	6	G	"	32
"	8	O	"	S.I.
"	9	K	"	11
"	11	C	"	33
"	13	E	"	7
Acreage factor 1.050				
"	14	N	"	18
Western ST.	1	G	20-17-33	9
"	2	C	"	13
"	7	O	17-17-33	14
"	9	A	29-17-33	26
Phil.B St.	11	M	17-17-33	38
"	12	I	"	24
"	14	K	"	30
"	16	E	20-17-33	21
Phillips Fed.	3	H	33-17-33	Input
"	2Y	B	"	"
Phillips St.	2	L	28-17-33	"
"	4	D	"	"
"	6	E	"	"
"	8	N	"	"
"	10	J	"	"
"	13	P	"	"
Phillips B St.	1	P	19-17-33	"
"	3	H	"	"
"	5	B	"	"
"	7	J	"	"
"	10	F	"	"
"	12	D	"	"
Acreage factor 1.050				
"	15	L	"	"
Acreage factor 1.050				
Western St.	13	E	20-17-33	"
Phillips B St.	4	H	"	"
"	5	B	"	"
"	6	D	"	"
Phillips B St.	8	N	17-17-33	"
"	10	P	"	"
"	13	J	"	"
"	15	L	"	"
Phillips C St.	1	L	27-17-33	"
TOTAL	22			426
PHILLIPS PETROLEUM CO.				
*Kennedy St.	2	I	17-17-32	S.I.
Leamex(31)	13	B	16-17-33	28
" (21)	15	H	"	13
" (76)	16	J	"	28
Mex. A	3	N	1-17-32	3
Philmex	5	N	27-17-33	12
"	6	M	"	8
" (69)	10	K	"	14
" (119)	11	P	"	70
*Order R-2362-A				
U. S. Minerals				
" (79)	4	O	30-17-33	70
TOTAL	9			246
PHILLIPS PETROLEUM CO.				
Project (11 Units)				
Phil.E State	1	K	8-17-33	31
"	3	O	"	27
"	4	P	"	84
"	5	I	"	36
"	6	M	9-17-33	43
"	7	L	"	36
"	10	O	"	110
"	12	M	10-17-33	75
"	13	D	15-17-33	40
"	14	B	"	48
"	2	J	8-17-33	Input
"	8	N	9-17-33	"
"	9	K	"	"
TOTAL	10			530
PHILLIPS PETROLEUM CO.				
Phil.St.E(121)	11	I	9-17-33	70
SHENANDOAH OIL CORP.				
Aztec State	1	L	8-17-33	40
"	2	M	"	30
"	3	N	"	26
"	4	N	"	30
Phil.State	5	L	16-17-33	35
"	6	K	"	12
"	7	N	"	10
State BD	1	H	7-17-33	30
State C	1Y	G	8-17-33	52
State D	2	D	"	5
State E	1	A	"	4
Shell A St.	1	H	"	Input
Vickers St.	1	M	4-17-33	2
TOTAL	12			276
SHENANDOAH OIL CORP.				
Project (4 Units)				
Phillips St.	1	E	16-17-33	6
"	3	F	"	60
"	4	C	"	70
"	2	D	"	Input
TOTAL	3			136
SHENANDOAH OIL CORP.				
Project (6 Units)				
State A	1	B	7-17-33	30
"	5	H	8-17-33	50
" Bat.#2	7	A	7-17-33	40
"	8	E	9-17-33	20
"	6	D	8-17-33	Input
"	3	C	7-17-33	"
TOTAL	4			140
SPEARS, E. D.				
Den.Fed.	9	L	33-17-33	10
"	10	K	"	7
Wy.Phil.(5)	1	C	"	5
" (6)	3	E	"	6
" (14)	10	G	"	14
" (3)	12	C	"	3
TOTAL	6			45

MALJAMAR (G-SA) CONTINUED

SUNSET INTERNATIONAL PETROLEUM CORP.				
Project (15 Units)				
Mal.Gray.Ut.B	1	I	20-17-33	30
"	2	O	"	30
"	5	K	"	30
"	6	M	"	6
" Ut. D	2	E	21-17-33	20
"	3	M	"	25
" Ut. E	1	A	29-17-33	10
" Ut. B	3	P	20-17-33	Input
"	4	N	"	"
"	7	L	"	"
" Ut. D	1	L	21-17-33	"
"	4	D	"	"
"	5	N	"	"
" Ut. CPS	1	J	20-17-33	"
Mal.Gray.Ut. PLM				
"	12	F	21-17-33	"
TOTAL	7			151
TAMARACK PETROLEUM CO.				
McLaughlin St.				
" (8)	11	D	10-17-33	8
Shell State				
" (121)	1	E	10-17-33	70
Shell A St.				
" (86)	1	H	9-17-33	70
TOTAL	3			148
TEXACO, INC.				
Federal C	1	P	14-17-32	Input
Federal	2	I	"	58
TEXACO INC.				
Project (4 Units)				
St. N.M. O	21	G	12-17-32	7
"	23	E	"	40
"	20	H	"	Input
"	22	F	"	"
TOTAL	2			47
WILLIAMS, GEORGE H.				
Lea NZ St.	1	N	34-16-32	50
POOL TOTAL	217			4216

MALJAMAR REPRESS.(G-SA)

Top Allowable 70 No GoR Limit

CONTINENTAL OIL CO.				
Baish B	3	B	22-17-32	Input
Miller B	1	A	23-17-32	35
"	2	B	"	Input
Miller BX	1	P	14-17-32	"
"	2	I	"	20
"	3	H	"	Input
"	4	A	"	10
"	5	O	"	S. I.
"	6	J	"	Input
"	7	G	"	20
Wm. Mitch. B Fed.				
"	1	B	18-17-32	8
"	3	G	17-17-32	38
"	4	H	18-17-32	22
"	9	O	17-17-32	25
"	19	K	"	3
"	6	H	"	Input
"	7	L	"	"
"	8	J	"	"
"	12	P	18-17-32	"
"	13	N	"	"
"	15	N	17-17-32	"
State B	3	J	16-17-32	"
"	4	G	"	22
"	8	A	"	90

MALJAMAR REPRESS.(G-SA) CONTINUED

CONTINENTAL OIL CO. CONT'D				
State B	5	I	16-17-32	70
"	7	H	"	Input
Taylor	1	M	14-17-32	55
"	2	L	"	Input
"	3	N	"	"
"	4	K	"	25
Hudson Fed.	1	L	15-17-32	Input
St. B	6	B	16-17-32	Input
TOTAL	14			443
CONTINENTAL OIL CO.				
MCA Unit Battery #1				
"	14	P	17-17-32	1
"	16	M	"	70
"	17	M	18-17-32	40
"	19	C	19-17-32	90
"	21	A	"	50
"	23	C	20-17-32	310
"	25	A	"	120
"	49	G	"	300
"	51	E	"	320
"	53	G	19-17-32	75
"	55	E	"	90
"	56	L	"	90
"	57	K	"	170
"	58	J	"	80
"	60	I	"	270
"	61	L	20-17-32	105
"	63	K	"	140
"	64	K	"	250
"	95	O	"	230
"	96	N	"	230
"	98	M	"	160
"	99	P	19-17-32	104
"	101	O	"	150
"	103	M	"	130
"	106-105	C	30-17-32	130
"	108	A	"	140
"	160	G	"	70
"	161	J	"	5
"	162	F	"	S.I.
"	163	E	"	31
"	165	K	"	64
"	167	I	"	60
"	168	I	"	7
"	216	O	"	19
"	218	M	"	15
"	219	C	31-17-32	S.I.
"	253	E	20-17-32	307
"	255	C	"	163
"	256	I	"	395
"	257	F	"	268
"	258	A	"	389
"	259	I	19-17-32	137
"	263	L	20-17-32	162
"	264	I	19-17-32	252
"	265	L	20-17-32	284
"	266	K	"	69
"	267	M	17-17-32	25
"	276	P	19-17-32	182
"	279	P	"	240
"	281	D	29-17-32	237
"	283	I	19-17-32	308
"	285	J	19-17-32	368
MCA Unit Battery #2				
"	9	M	15-17-32	8
"	11	O	16-17-32	40
"	13	M	"	30
"	27	C	21-17-32	120
"	29	A	"	15
"	30	D	22-17-32	43
"	40	E	"	50

CONTINENTAL OIL CO. CONT'D

MCA Unit Battery #2

"	41 H	21-17-32	S.I.
"	43 G	"	220
"	44 F	"	80
"	47-46 E	"	240
"	66 I	20-17-32	150
"	67 I	21-17-32	100
"	69 K	"	60
"	91 O	"	80
"	92 N	"	140
"	93 M	"	60
"	110 C	29-17-32	100
"	112 A	"	280
"	114 D	28-17-32	70
"	115 C	"	90
"	117 B	"	100
"	151 G	"	120
"	152 F	"	129
"	153 E	"	60
"	155 G	29-17-32	180
"	156 F	"	15
"	158 E	"	70
"	170 K	"	150
"	172 O	"	25
"	173 I	"	50
"	174 L	28-17-32	30
"	212 O	29-17-32	10
"	214 M	"	7
"	234 N	21-17-32	101
"	245 A	"	55
"	251 M	"	191
"	252 D	28-17-32	150
"	260 F	"	371
"	262 E	21-17-32	732
"	269 P	20-17-32	233
"	270 F	29-17-32	253
"	271 A	20-17-32	32
"	277 B	29-17-32	56
"	293 K	"	612

MCA Unit Battery #3

"	37 G	22-17-32	50
"	38 F	"	43
"	71 I	21-17-32	50
"	73 K	22-17-32	100
"	75 I	"	70
"	85 O	"	60
"	87 N	"	S.I.
"	88 M	"	40
"	89 M	"	20
"	118 A	28-17-32	100
"	119 D	27-17-32	90
"	120 C	"	20
"	122 A	"	40
"	146 G	"	100
"	148 E	"	120
"	149 E	"	100
"	176 K	28-17-32	130
"	177 J	"	35
"	179 I	"	100
"	181 K	27-17-32	40
"	182 J	"	20
"	183 O	"	70
"	185 J	"	50
"	186 I	"	45
"	204 O	"	44
"	206 M	"	65
"	208 O	28-17-32	S.I.
"	210 M	"	150
"	221 C	33-17-32	70
"	222 B	"	120

CONTINENTAL OIL CO. CONT'D

MCA Unit Battery #3

"	224 A	33-17-32	80
"	225 D	34-17-32	35
"	226 D	33-17-32	65
"	227 C	"	50
"	228 B	"	Input
"	229 E	"	S.I.
"	231 G	"	50
"	233 E	"	220
"	254 O	28-17-32	280
"	261 N	"	175
"	274 A	"	130
"	275 H	33-17-32	150
"	280 G	28-17-32	124
"	268 K	"	160

MCA Unit Battery #4

"	32 C	23-17-32	30
"	33 G	"	40
"	35 E	"	130
"	77 K	"	20
"	79 I	"	25
"	81 O	"	10
"	83 M	"	40
"	124 C	26-17-32	10
"	125 B	"	S.I.
"	126 A	"	S.I.
"	128 F	25-17-32	30
"	129 C	27-17-32	10
"	132 A	"	80
"	134 C	30-17-33	3
"	136 E	"	30
"	138 G	25-17-33	50
"	140 E	30-17-33	10
"	142 G	26-17-32	25
"	144 E	"	5
"	187 L	"	S.I.
"	188 K	"	8
"	191-192 K	25-17-32	50
"	196 I	"	30
"	199 K	30-17-32	40
"	201 N	26-17-32	20
"	202 M	"	11
"	273 L	"	166

MCA Unit Battery #5

"	2 A	17-17-32	70
"	4 C	16-17-32	35
"	5 E	"	35
"	6 H	17-17-32	S.I.
"	8 I	"	40
MCA Unit	1 B	"	Input
"	3 D	16-17-32	"
"	7 F	17-17-32	"
"	10 P	16-17-32	"
"	12 N	"	"
"	14 P	17-17-32	"
"	15 N	"	"
"	18 D	19-17-32	"
"	20 B	"	"
"	22 D	20-17-32	"
"	24 B	"	"
"	26 D	"	"
"	28 B	21-17-32	"
"	31 D	23-17-32	"
"	34 F	"	"
"	36 H	22-17-32	"
"	38-39 F	"	"
"	42 H	21-17-32	"
"	44-45 F	"	"
"	48 H	20-17-32	"
"	50 F	"	"

MALJAMAR REPRESS. (G-SA) COTNINUED

CONTINENTAL OIL CO. CONT'D

MCA Unit				
"	52	H	19-17-32	Input
"	54	F	"	"
"	59	J	"	"
"	62	L	20-17-32	"
"	65	J	"	"
"	68	K	23-17-32	"
"	70	J	21-17-32	"
"	72	L	22-17-32	"
"	74	J	"	"
"	76	L	23-17-32	"
"	78	J	"	"
"	80	P	"	"
"	82	N	"	"
"	84	P	22-17-32	"
"	86-87	N	"	"
"	90	P	21-17-32	"
"	94	P	20-17-32	"
"	97	N	"	"
"	100	P	19-17-32	"
"	102	N	"	"
"	104	D	30-17-32	"
"	107	B	"	"
"	109	D	29-17-32	"
"	111	B	"	"
"	113	D	28-17-32	"
"	116	B	"	"
"	121	B	27-17-32	"
"	123	D	26-17-32	"
"	127	D	27-17-32	"
"	128	F	25-17-32	"
"	130	G	"	"
"	131	B	27-17-32	"
"	133	D	30-17-32	"
"	135	F	30-17-33	"
"	137	H	25-17-32	"
"	139	F	"	"
"	141	H	26-17-32	"
"	143	F	"	"
"	145	H	27-17-32	"
"	147	F	"	"
"	150	K	28-17-32	"
"	154	H	29-17-32	"
"	157	F	"	"
"	159	H	30-17-32	"
"	161	F	"	"
"	164	L	"	"
"	166	J	"	"
"	168	I	"	"
"	169	L	29-17-32	"
"	171	J	"	"
"	175	L	28-17-32	"
"	178	J	"	"
"	180	L	27-17-32	"
"	184	J	"	"
"	189	J	26-17-32	"
"	190	L	25-17-32	"
"	193-194	J	"	"
"	195	I	"	"
"	197-198	L	30-17-32	"
"	200	O	25-17-32	"
"	203	P	27-17-32	"
"	205	N	"	"
"	207	P	28-17-32	"
"	209	N	"	"
"	211	P	29-17-32	"
"	213	N	"	"
"	215	P	30-17-32	"
"	217	N	"	"

CONTINENTAL OIL CO. CONT'D

MCA Unit				
"	220	D	33-17-32	Input
"	223	B	"	"
"	228	B	"	"
"	229	E	34-17-32	"
"	230	G	33-17-32	"
"	232	F	"	"
"	235	F	28-17-32	"
"	242	L	19-17-32	"
"	246	P	17-17-32	"
"	247	H	23-17-32	"
"	259	I	19-17-32	"

TOTAL 165 18124

FAIR OIL CO.

Johns B	3	O	26-17-32	4	
"	4	I	"	25	

TOTAL 2 29

REPRESS. TOTAL 181 18596

POOL TOTAL 398 22812

MALJAMAR PADDOCK

Top Allowable 94 No GOR Limit

CONTINENTAL OIL CO.

Mitchell B					
"	(18)	10	O	17-17-32	18
"	(34)	11	N	"	34
"	(23)	15	L	20-17-32	23

POOL TOTAL 3 75

MALJAMAR WOLFCAMP

Top Allowable 327 GOR Limit 2,000

AZTEC OIL & GAS CO.

NE Malj.Ut.(21)	1	D	5-17-33	21		1857

MASON DELAWARE

Top Allowable 70 No GOR Limit

HIGHLAND PRODUCTION CO.

Russ. Fed.	(60)	1	B	20-26-32	18
"	(56)	2	P	"	22
"	(35)	4	C	"	14
"	(57)	5	O	17-26-32	19
"	(1)	6	K	20-26-32	1
"	(49)	7	G	"	23
"	(16)	8	I	17-26-32	9

POOL TOTAL 7 106

MASON DELAWARE NORTH

Top Allowable 71 GOR Limit 2,000

CONTINENTAL OIL CO.

Russell 19 Federal						
"	(9)	1	L	19-26-37	9	1000
Acreage factor 1.025						
"	(2)	3	M	"	2	**2000
Acreage factor 1.025						
"	(3)	4	N	"	3	1667
Thompson 18 Federal						
"	(10)	2	G	18-26-32	10	800
Thompson 19 Federal						
"		1	E	19-26-32	No C-116	
Acreage factor 1.025						
"		2	F	"	Input	
"		3	D	"	No C-116	
Acreage factor 1.025						

TOTAL 4 24

MASON DELAWARE NORTH CONTINUED

TEXACO, INC.
N.C.Higgins Federal
" (2) 1 L 8-26-32 2 1500

POOL TOTAL 5 26

McCORMACK SILURIAN

Top Allowable 164 GOR Limit 2,000
GULF OIL CORP.
W.T.McCorm.
" (49) 11 A 32-21-37 49 1245

MOBIL OIL CORP.
E.O.Carson(10)16 D 33-21-37 10 **3400

POOL TOTAL 2 59

SOUTH McCORMACK SILURIAN

Top Allowable 164 GOR Limit 2,000
GULF OIL CORP.
R.E.Cole NCT-A
" (75) 8 K 16-22-37 75 **3760
" (27) 10 E " 27 **2556
" (14) 12 D " 14 **3214
" 992) 13 O " 92 1989

TOTAL 4 208
STOLTZ, WAGNER & BROWN
Walden(240) 1 A 21-22-37 164 944

TEXAS PACIFIC OIL CO., INC.
Will Cary 9 E 22-22-37 60

POOL TOTAL 6 432

MEDICINE ROCK DEVONIAN
(80 Acre Spacing)

Top Allowable 543 No GOR Limit
ATLANTIC RICHFIELD CO.
Reed Est.(10) 1 J 22-15-38 10
Stone (83) 1 G " 80
" (17) 2 B " 17

TOTAL 3 107
GREATHOUSE & PIERCE
Lee Carter et al
" (23) 1 M 14-15-38 23

POOL TOTAL 4 130

MESA QUEEN

Top Allowable 70 GOR Limit 5,000
TENNECO OIL CO.
Project (25 Units)
Mesa Queen Ut.
" 3 A 16-15-32 100
" 7 F 16-16-32 100
" 8 G " 100
" 12 J 17-16-32 100
" 13 I " 100
" 14 L 16-16-32 100
" 15 K " 100
" 17 M " 100
" 19 O 17-16-32 100
" 21 M 16-16-32 100
" 22 D 20-16-32 100
" 23 G " 100
" 1 C 16-16-32 Input
" 2 B " "
" 4 G 17-16-32 "
" 5 H " "
" 6 E 16-16-32 "
" 9 H " "
" 10 L 17-16-32 "
" 11 K " "

MESA QUEEN CONTINUED

TENNECO OIL CO. CONT'D
Mesa Queen Ut.
" 16 J 16-16-32 Input
" 18 N 17-16-32 "
" 20 P " "
" 24 E 20-16-32 "
" 25 N 16-16-32 "

POOL TOTAL 12 1200

NORTH MESCALERO CISCO

Top Allowable210 GOR Limit 2,000
HANKS, ROGER C.
Fina St.(112) 1 I 10-10-32 112 446
Zapata St.(66)1 A " 66 1864

POOL TOTAL 2 178

MESCALERO DEVONIAN

Top Allowable 264 No GOR Limit
MOBIL OIL CORP.
N.M. B(350) 1 B 27-10-32 264
" (345) 4 G " 264
" (32) 5 H " 264

POOL TOTAL 3 792

MESCALERO PERMO PENN

Top Allowable 210 GOR Limit 2,000
ANTWEIL, MORRIS R.
N.M.AF St.(9) 2 I 27-10-32 9 1222

MOBIL OIL CORP.
N.M.B(14) 2 A 27-10-32 14 **7214
" (7) 3 B " 7 **9143

TOTAL 2 21

POOL TOTAL 3 30

MESCALERO PENN WEST

(160 Acre Spacing)

Top Allowable 280 GOR Limit 2,000
MWJ PRODUCING CO.
Huber St. 1 K 33-10-32 No C-116

MESCALERO SAN ANDRES

Top Allowable 70 GOR Limit 2,000
CITIES SERVICE OIL CO.
Lane (99) 1 C 14-10-32 70 374
State AD(14) 2 I 22-10-32 14 214
" (34) 3 P " 34 TSTM
" (18) 6 H " 18 167
" (19) 9 G 23-10-32 19 631
" (8) 10 B " 8 375
State BL(55) 1 E 14-10-32 55 1145
" (21) 2 D " 21 286
" (17) 3 F " 17 1765
State BN(69) 1 K " 69 TSTM
" (50) 2 M " 50 ** 2640
" (14) 3 L " 14 214
" (22) 4 N " 22 1045

TOTAL 13 411
CONTINENTAL OIL CO.
State 11-23
" (106) 1 D 23-10-32 70 1594
" (20) 2 E " 20 **2450
" (106) 3 L " 70 1037
" (27) 4 C " 27 **3666
" (48) 5 M " 48 1687
" (61) 6 F " 61 1295

TOTAL 6 296

MESCALERO SAN ANDRES CONTINUED

DALBY, ARNO R.						
State	(16)	1	I	10-10-32	16	TSTM
McCLELLAN, JACK L.						
Susanne St.		1	I	27-10-32	No C-116	
MOBIL OIL CORP.						
State BB	(30)	2	J	14-10-32	30	400
"	(15)	3	G	"	15	487
"	(8)	4	O	"	8	675
New Mex.B	(20)	6	A	27-10-32	20	735
"	(16)	7	H	"	16	644
"	(18)	8	B	"	18	300
New Mex.X	(25)	1	P	10-10-32	25	556
TOTAL		7			132	
READING & BATES, INC.						
White	(7)	1	P	15-10-32	7	**8557
"	(2)	2	I	"	2	**19826
TOTAL		2			9	
REDFERN DEVELOPMENT CORP.						
Sunray St.	(39)	1	M	11-10-32	39	495
"	(35)	2	L	"	35	534
TOTAL		2			74	
SUN OIL COMPANY						
Harris St.	(66)	1	K	23-10-32	47	*2982
"	(30)	2	N	"	30	**3170
"	(28)	3Y	J	"	28	808
"	(44)	4	O	"	44	1377
St.N.M.E	(35)	1	D	26-10-32	35	530
"	(25)	2	E	"	25	1453
"	(21)	3	C	"	21	1454
"	(15)	4	F	"	15	1509
TOTAL		8			245	
WIL-Mc OIL CORP.						
St.N.M.	(47)	1	N	11-10-32	47	TSTM
"	(15)	2	L	"	15	"
N.M.St. K		1	O	"	No C-116	
White St.	(10)	2	A	15-10-32	10	TSTM
TOTAL		3			72	
POOL TOTAL		42			1255	

MESCALERO WOLFCAMP NORTH

Top Allowable 210 No GOR Limit

WIL-Mc OIL CORP.						
State	(18)	1	A	15-10-32	5	

MIDWAY ABO

Top Allowable 210 GOR Limti 2,000

ATLANTIC RICHFIELD CO.						
C.M.Selby	(22)	1	G	18-17-37	22	807
CONSOLIDATED OIL & GAS INC.						
Lov.St.	(13)	1	C	16-17-37	13	**2432
" Bat. 2	(2)	1	N	9-17-37	2	**7223
"		2	N	"	No C-116	
Midway St.	(12)	1	P	8-17-37	12	**5148
"		2	O	"	No C-116	
" #2	(20)	3	N	"	20	**3526
Shipp A	(11)	1	G	17-17-37	11	**5337
"	(16)	2	C	"	16	**4000
"	(81)	3	D	"	81	**2058
So.Un.St.	(13)	1	D	16-17-37	13	1247
TOTAL		8			168	

MIDWAY ABO CONTINUED

GULF OIL CORP.						
Lea KN St.	(14)	1	A	17-17-37	14	1786
"	(23)	2	B	"	23	1174
TOTAL		2			37	
TEXACO INC.						
St.N.M.DE	(19)	1	F	18-17-37	19	**2200
"	(44)	2	E	"	44	**3091
Acreage factor .950						
TOTAL		2			63	
POOL TOTAL		13			290	

MIDWAY SAN ANDRES

Top Allowable 94 No GOR Limit

CONSOLIDATED OIL & GAS, INC.						
Shipp	(66)	2	I	17-17-37	50	

MILNESAND PENN

Top Allowable 264 No GOR Limit

HANKS, ROGER C.						
Haley	(179)	1	I	13-8-34	179	
LARIO OIL & GAS CO.						
Federal A	(34)	1	J	14-8-34	34	
SUN OIL COMPANY						
Federal F	(19)	1	H	13-8-34	19	
POOL TOTAL		3			232	

MILNESAND SAN ANDRES

Top Allowable 70 GOR Limit 2,000

AMOCO PRODUCTION CO.						
Horton Fed.	(4)	1	D	30-8-35	1	750
Acreage factor .950						
"	(7)	2	C	"	2	**3286
"	(40)	3	E	"	12	150
Acreage factor .950						
"	(14)	4	F	"	9	571
"	(17)	5	G	"	10	471
"	(17)	6	L	"	3	1235
Acreage factor .950						
"	(5)	7	B	"	4	1000
"	(8)	8	K	"	8	471
"	(24)	9	J	"	12	1583
"	(25)	10	A	"	13	1560
"	(14)	11	H	"	12	**3929
"	(12)	12	N	"	10	600
"	(7)	13	O	"	7	429
"	(7)	14	M	"	7	286
Acreage factor .950						
"	(6)	19	C	31-8-35	3	333
"	(28)	20	D	29-8-35	10	714
"	(18)	22	C	"	5	433
"	(10)	23	D	31-8-35	7	590
Acreage factor .950						
"	(4)	24	B	"	3	**2250
"	(1)	26	B	29-8-35	1	**4400
"	(12)	28	A	"	10	167
"	(8)	29	H	"	1	175
TOTAL		22			150	
AMOCO PRODUCTION CO.						
Horton Fed.		15	P	30-8-35	S.I.	
"	(14)	17	I	"	14	221
"		18	E	29-8-35	S.I.	
"		21	L	"	S.I.	
"		25	F	"	S.I.	
"	(8)	27	G	"	8	1750
"		30	K	"	Input	

AMOCO PRODUCTION CO. CONT'D					
Horton Fed.	31	M	29-8-35	S.I.	
TOTAL	2			22	
BTA OIL PRODUCERS					
Pate	1	H	6-8-35	Gas Well	
INGRAM, TOM L.					
Alcorn(10)	1	D	28-8-35	10	1000
"	2	M	21-8-35	No C-116	
NORMAN, D. M.					
M.Hudson (4)	1	I	23-8-34	4	TSTM
Luman (17)	1	A	23-8-34	17	880
" (10)	3	B	"	10	900
Weather.(12)	1	D	24-8-34	12	835
" (15)	2	C	"	15	1070
" (14)	3	F	"	14	1070
" (15)	6	K	"	15	1000
TOTAL	7			87	
UNION TEXAS PETROLEUM CORP.					
Milnesand Unit					
" (5)	11	N	5-8-35	5	800
" (14)	13	J	"	4	**7750
" (5)	14	O	"	5	600
" (4)	24	J	19-8-35	4	1750
" (12)	25	O	"	12	833
" (16)	26	P	"	16	**3500
" (6)	27	I	"	6	833
" (14)	28	M	20-8-35	14	**2215
" (9)	31	L	18-8-35	9	**10000
Acreage factor .950					
" (11)	32	M	"	11	**4091
Acreage factor .950					
" (13)	33	J	"	13	**3846
" (14)	34	K	"	14	**3714
" (10)	35	D	19-8-35	10	**5600
Acreage factor .950					
" (4)	36	N	18-8-35	4	1500
" (10)	37	C	19-8-35	10	**5500
" (8)	38	O	"	8	1875
" (12)	39	E	"	12	**3667
Acreage factor .950					
" (4)	43	P	14-8-34	4	**9750
" (10)	52	B	24-8-34	10	**7100
" (12)	53	E	13-8-34	12	**7500
" (8)	55	G	"	8	**3625
" (4)	56	F	"	4	**5250
" (4)	57	A	24-8-34	4	**3500
" (10)	58	A	13-8-34	10	**2400
" (4)	59	B	"	4	**5500
" (3)	62	D	8-8-35	3	**3333
" (12)	71	M	5-8-35	12	**2750
" (5)	92	P	6-8-35	5	**4400
" (4)	93	O	"	4	**3750
" (5)	101	F	12-8-34	5	400
" (5)	111	G	"	5	1200
" (7)	112	H	"	7	**2429
" (5)	113	A	"	5	1600
" (7)	114	B	"	7	**2286
" (10)	121	M	7-8-35	10	1300
Acreage factor .950					
" (6)	122	N	"	6	1333
" (7)	123	L	"	7	1571
Acreage factor .950					
" (9)	124	K	"	9	1333
" (10)	125	E	"	10	800
Acreage factor .950					

UNION TEXAS PETROLEUM CORP. CONT'D					
Milnesand Unit					
" (8)	126	D	7-8-35	8	1625
Acreage factor .950					
" (8)	127	F	"	8	1500
" (11)	128	C	"	11	1454
" (8)	131	B	"	8	**8625
" (8)	132	A	"	8	**2875
" (6)	133	G	"	6	**8500
" (9)	134	J	"	9	**7556
" (7)	135	O	"	7	**6714
" (5)	136	H	"	5	**7600
" (5)	137	I	"	5	**8600
" (4)	141	M	12-8-34	4	500
" (3)	142	L	"	3	667
" (10)	151	N	"	10	**3800
" (8)	152	K	"	8	**2111
" (8)	161	O	"	9	**2889
" (9)	162	P	"	9	**2000
" (7)	163	J	"	7	**3285
" (20)	164	I	"	20	**2053
" (3)	173	A	14-8-34	3	**10000
" (25)	181	E	18-8-35	25	1840
Acreage factor .950					
" (6)	182	D	"	6	**6500
Acreage factor .950					
" (5)	183	F	"	5	**4400
" (6)	184	H	"	6	**2667
" (6)	185	C	"	6	**6167
" (10)	186	G	"	10	**3400
" (10)	187	B	"	10	1500
" (10)	191	I	13-8-34	10	1900
" (10)	192	J	"	10	**6700
" (5)	193	O	"	5	**4400
" 96)	194	K	"	6	1333
" (9)	195	P	"	9	889
" (8)	196	N	"	8	**7000
" (5)	197	L	"	5	**9000
" (7)	198	M	"	7	**3428
" (3)	201	B	25-8-34	3	TSTM
" (3)	202	A	"	3	"
" (3)	210	L	20-8-35	3	**3333
" (8)	211	O	"	8	**11250
" (6)	212	P	"	6	**3167
" (10)	310	F	19-8-35	10	**4000
" (6)	311	B	"	6	**6167
" (5)	312	G	"	5	**2400
" (10)	313	L	"	10	**5600
Acreage factor .950					
" (3)	314	K	"	3	1667
" (14)	315	M	"	14	**2714
Acreage factor .950					
" (14)	316	N	"	14	**7571
" (4)	317	H	"	4	**2250
" (6)	510	C	13-8-34	6	**5833
" (2)	511	D	"	2	**5500
" (8)	512	G	24-8-34	8	1375
" (9)	513	H	"	9	**4667
" (9)	514	J	"	9	**3889
" (12)	515	I	"	12	**3500
" (13)	517	P	"	13	**3692
" (10)	519	I	25-8-34	10	1400
"	54	H	13-8-34	Input	
TOTAL	94			742	
POOL TOTAL	126			1011	

MILNESAND SAN ANDRES WEST

Top Allowable	70		No GOR Limit		
STRATA PETROLEUM CO.					
Hutch (7)	1	E	21-8-34	7	

MONUMENT BLINEBRY

Top Allowable 94 GOR Limit 2,000

AMERADA DIVISON-AMERADA HESS CORP.						
T.Ander.	3-4	K	8-20-37	94		
L.M.Lamb.	(65)	5 G	6-20-37	60	1785	
"	(30)	6 H	"	30	**4290	
"	(11)	7 A	"	11	376	
State D	(7)	5 C	1-20-36	7	**3246	
"	(24)	6 F	"	24	1202	
State H	(20)	3 J	"	20	1340	
TOTAL	8			246		
ATLANTIC RICHFIELD CO.						
Barber	(32)	8 D	8-20-37	32	**2906	
"	(13)	9 A	7-20-37	13	**4154	
"	(72)	10 E	8-20-37	72	1042	
"	(66)	11 L	"	66	773	
"	(12)	14 H	7-20-37	12	750	
"	(7)	17 I	"	7	**3429	
Phil. A	(11)	5 M	31-19-37	11	**2091	
"	(3)	7 N	"	3	**2000	
TOTAL	8			216		
CONTINENTAL OIL CO.						
Britt A-6	(7)	3 L	6-20-37	7	1185	
Acreage factor .975						
"	(50)	5 M	"	50	294	
Acreage factor .975						
TOTAL	2			57		
GULF OIL CORP.						
B.V.Culp NCT-B						
"	(24)	4 P	31-19-37	24	667	
Graham State NCT-F						
"	(14)	6 P	36-19-36	14	1214	
G. C. Matthews						
"	(22)	11 I	6-20-37	22	955	
B.Whitmire	(23)	5 F	8-20-37	23	1522	
TOTAL	4			83		
MARATHON OIL CO.						
B.Barber	(25)	10 L	5-20-37	25	1390	
SUN OIL CO.						
A.Cooper	(9)	10 D	7-20-37	9	1800	
Acreage factor .975						
TEXACO, INC.						
J. R. Phillips						
"	(8)	7 E	6-20-37	8	625	
Acreage factor .975						
"	(14)	8 F	"	14	**5357	
"	(8)	9 C	"	8	1500	
TOTAL	3			30		
UNION TEXAS PETROLEUM CORP.						
Britt Fed.	(34)	10 B	7-20-37	34	529	
POOL TOTAL	28			700		

MONUMENT (G-SA)

Top Allowable 70 GOR Limit 3,000

AMERADA DIVISON-AMERADA HESS CORP.						
E.S.Adkins	(59)	1 M	5-20-37	50	2394	
T.Anders.		1 K	8-20-37	No C-116		
"		2 N	"	"		
H.W.Andrews	(53)	2 A	11-20-36	53	1452	
"	(38)	3 H	"	38	757	
"	(37)	4 L	12-20-36	37	969	
"	(30)	5 E	"	30	848	
"	(42)	6 M	"	42	619	
"	(55)	8 D	"	55	1951	

MONUMENT (G-SA) CONTINUED

AMERADA DIVISON-AMERADA HESS CORP. CONT'D						
W.P.Byrd	(31)	1 B	12-20-36	29	926	
"	(8)	2 G	"	5	*37779	
" #3	(34)	3 J	"	34	**4469	
" #2	(42)	4 C	"	42	1005	
"	(18)	5 F	"	11	*19239	
" #3	(26)	6 O	"	15	*14562	
W.P.Byrd A	(8)	1 K	"	8	**3174	
"	(63)	2 N	"	60	2051	
B.V.Culp	(28)	1 O	13-19-37	28	**3738	
M.E.Gaither	(5)	1 I	34-19-36	4	*61298	
W.D.Haney	(13)	1 M	33-19-37	13	1873	
L.M.Lambert	#2	2 G	6-20-37	Gas Well		
L.M.Lambert						
"	(5)	3 A	"	5	**3200	
"	(14)	4 H	"	3	*73714	
"		11 B	"	No C-116		
D.F.Larsen	(11)	1 F	32-19-37	11	**11507	
"	(42)	2 C	"	42	1911	
"	(12)	3 B	"	12	**7209	
"	(39)	4 G	"	39	1794	
V.Laughlin	(6)	1 D	9-20-37	6	**4943	
"	(33)	2 C	"	30	807	
"	(72)	3 B	"	70	517	
M. I. Love Com.						
"	(47)	1 J	32-19-37	28	*7617	
J.R.Phil	(3)	1 A	1-20-36	3	**40145	
"	(16)	2 H	"	16	1950	
"	984)	4 B	"	70	2255	
"	(34)	8 G	"	34	**3402	
" A	(51)	2 H	31-19-37	22	*8606	
"	(33)	3 G	"	33	2340	
State D	(40)	1 D	1-20-36	40	1260	
"	(30)	2 E	"	30	*7077	
"	(1)	3 F	"	1	*825580	
"	(17)	4 C	"	17	1147	
State F	(19)	1 M	36-19-36	19	2628	
"	(60)	2 L	"	55	1780	
"	(83)	3 K	"	70	1248	
"	(23)	4 N	"	23	**6665	
State G	(26)	1 M	18-19-37	26	**6090	
"	(34)	2 L	"	34	1736	
State H		1 O	1-20-36	No C-116		
"	(21)	2 J	"	11	*18690	
State I	(19)	1 C	2-20-36	11	*18656	
State J	(43)	1 O	"	21	*9946	
"	(47)	2 J	"	47	2732	
"	(57)	3 K	"	52	**4063	
State K	(36)	1 F	29-19-37	36	1429	
"	(77)	2 C	"	70	2104	
State L	(95)	1 E	20-19-37	70	2212	
"	(64)	2 F	"	64	2426	
State M	(44)	1 F	20-20-36	9	*24516	
"	(48)	2 J	13-20-36	48	874	
State O	(30)	1 B	30-19-37	20	776	
"	(46)	2 G	"	46	1299	
"	(21)	3 H	"	21	2108	
"	(20)	4 A	"	20	908	
State P	(68)	1 L	29-19-37	68	2009	
"	(80)	2 M	"	70	2891	
State Q	(12)	1 J	16-20-37	12	2383	
"	(26)	2 I	"	26	895	
State R	(9)	1 K	29-19-37	9	**20650	
"	(30)	2 N	"	22	*9420	
State S	(114)	1 N	29-20-36	45	*4701	
"	(54)	2 M	"	54	**3328	
State T	(86)	1 N	25-19-36	70	1980	
"	(12)	2 K	"	12	1230	
" #3	(12)	5 G	20-19-37	12	**9804	
"	(4)	6 B	"	4	**29029	
" #2	(9)	7 L	28-19-37	9	**4934	

AMERADA DIVISON-AMERADA HESS CORP. CONT'D					
State U	(24)	1	E	32-19-37	10 *21500
"	(78)	2	D	"	70 2221
State V	(86)	1	A	36-19-36	70 720
"	(81)	2	B	"	70 1456
"		3	H	"	No C-116
"	(113)	4	G	"	48 *4336
State X	(1)	1	L	16-20-37	5 **17016
State Y		1	I	17-20-37	No C-116
" #2	(2)	2	J	"	2 **54250
State Z	(40)	1	A	13-20-36	40 644
"	(20)	2	H	"	20 1394
W. A. Weir		1	M	35-19-36	No C-116
"	(12)	2	D	2-20-36	12 **15402
"	(3)	4	F	"	2 *135506
"	(14)	5	E	"	12 *18236
"	(28)	6	C	"	20 *10580
"	(2)	8	D	"	1 *779486
" B	(10)	1	G	26-19-36	8 **25206
"	(17)	2	F	"	15 **5442
TOTAL	88				2657
AMOCO PRODUCTION CO.					
Gillully A Federal RA/A #2					
"	(96)	2	A	24-20-36	60 448
"	(76)	12	D	"	70 1080
" B Fed.RA/A		4	D	22-20-37	Gas Well
TOTAL	2				130
ATLANTIC RICHFIELD CO.					
N.B.Bordages					
"	(6)	1	M	28-19-37	6 **6333
Byrd,M.J.	(38)	1	B	11-20-37	38 **4053
"	(26)	3	G	"	26 1380
Byrd,W.P.	(50)	1	C	"	42 700
"	(23)	2	D	"	20 391
"	(44)	3	K	"	27 *7727
"	(61)	4	F	"	34 *6164
"	(37)	5	E	"	35 649
"	(25)	6	L	"	22 1920
J.R.Phil.A	(3)	1	M	31-19-37	3 **51000
"	(29)	3	K	"	23 897
"	(13)	4	L	"	13 TSTM
J.R.Phil.B	(4)	1	C	"	4 *59500
"	(88)	2	D	"	70 67
"	(15)	3	F	11-20-36	15 2133
"	(8)	4	E	"	70 375
Selby Maveety					
"	(1)	1	N	35-19-36	1 *797000
TOTAL	17				449
BYROM, W. K.					
J. W. Cooper A					
"	(12)	1	C	3-20-37	12 2150
" C	(18)	1-2	B	"	18 1994
Acreage factor 1.025					
" F	(21)	2-4	D	"	21 1336
Acreage factor 1.025					
Shell GA State					
"	(14)	1	M	16-20-37	14 2310
J.H.Williams					
"	(15)	1	P	34-19-37	15 1540
"	(14)	2	O	"	14 1265
" A	(16)	1	N	"	16 2485
TOTAL	9				110
CITIES SERVICE OIL CO.					
Laugh. #2		1	J	5-20-37	Gas Well
State E	(82)	1	K	30-19-37	70

CITIES SERVICE OIL CO. CONT'D					
State E	(84)	2	N	30-19-37	70 632
"	(90)	3	L	"	70 350
"	(90)	4	M	"	70 630
TOTAL	4				280
CONTINENTAL OIL CO.					
Britt A-6	(6)	1	M	6-20-37	6 **16333
"	(6)	2	L	"	6 1216
Britt B	(1)	2	E	15-20-37	1 **4596
"	(1)	5	K	"	1 **25000
"	(16)	8	J	"	16 **9240
Britt B-18		1	D	18-20-37	No C-116
"		2	F	"	Gas Well
"	(15)	4	I	"	15 646
"		5	E	"	No C-116
Reed A-3	(12)	1	A	3-20-36	9 *24555
"	(3)	2	H	"	3 **21000
"	(2)	4	P	"	2 **46000
Reed B	(53)	1	A	23-20-36	42 943
Sand.A	(69)	1	I	11-20-36	65 1652
"	(12)	2	J	"	12 **3833
"	(7)	3	P	"	7 **4857
"	(56)	4	O	"	50 **3983
"	(14)	6	M	"	14 **5211
"	(21)	7	A	14-20-36	21 2809
"	(34)	8	B	"	34 **5852
"	(10)	9	H	"	10 **6400
"	(9)	10	I	"	9 **6555
"	(50)	11	C	11-20-36	19 *10940
"	(32)	13	G	"	16 *13000
"	(34)	14	J	"	34 1852
"	(9)	15	E	"	9 **8333
Sand.B-1	(7)	1	A	10-20-36	7 **14428
"	(4)	3	I	"	4 **26250
"	(2)	8	A	15-20-36	2 **28500
Sand.B-14	(26)	1	O	14-20-36	26 2807
"	(6)	2	K	"	6 1116
State A-17	(16)	2	N	17-19-37	16 **5375
"	(16)	3	L	"	16 1625
"	(9)	4	K	"	9 **16666
"		5	G	"	Gas Well
"	(20)	7	M	"	20 **6600
St.AC Com.	(84)	1	L	19-19-37	70 171
"	(81)	2	C	30-19-37	70 134
"	(83)	3	D	"	70 159
"	(82)	5	F	"	70 141
"	(81)	6	E	"	70 143
State A-26		2	L	26-19-36	No C-116
State C-16	(11)	2	E	15-19-37	11 636
TOTAL	38				868
D. A. & S. OIL WELL SERVICING INC.					
American National Ins. Co.					
"	(3)	1	D	18-19-37	3 **4667
DECK, MILLARD					
Anderson	(1)	9	F	17-20-37	1 **53440
GETTY OIL CO.					
T.Anderson	(31)	1	J	8-20-37	29 323
"	(1)	2	I	"	1 *742000
M.Laughlin	(26)	1	F	4-20-37	26 731
"	(5)	2	K	"	5 2000
State F	(78)	1	D	20-19-37	70 513
"	(38)	2	C	"	38 658
State H	(9)	1	L	32-19-37	6 *41556
State J	(3)	1	E	17-19-37	3 **10000
"	(13)	3	F	"	13 **4538
TOTAL	9				191

GREAT WESTERN DRILLING CO.					
W.L.Crutch(10)	1	H	32-19-37	10	1754
GULF OIL CORP.					
T.Anderson(6)	1	O	8-20-37	6	**3000
" (1)	2	C	17-20-37	1	*1304000
" (7)	3	P	8-20-37	7	1814
" (4)	6	A	17-20-37	4	**11000
" (1)	7	H	"	1	*1256000
" (3)	8	G	"	3	1333
C.T.Bates(6)	1	P	26-19-36	6	**24167
R. R. Bell NCT-G					
" (11)	1	P	13-20-36	11	909
" (12)	2	O	"	12	2000
B. V. Culp NCT-A					
" (87)	1	C	19-19-37	70	1379
" (70)	2	E	"	70	714
" (72)	3	F	"	70	958
" (84)	4	G	"	70	405
" (94)	5	H	"	70	883
" (86)	6	B	"	70	1674
" (87)	7	A	"	70	1586
" NCT-B(30)	1	J	31-19-37	29	*7133
" (55)	2	I	"	37	*5727
" (86)	3	P	"	70	814
Graham State NCT-B					
" (19)	1	P	2-20-36	19	895
" (77)	2	I	"	70	2013
" NCT-C (34)	1	J	24-19-36	30	**3324
" (10)	2	B	"	10	**3800
" (7)	3	G	"	7	2571
" (14)	4	O	"	14	**4571
" (16)	5	B	25-19-36	16	**5938
" (82)	6	O	"	70	1159
" (25)	7	G	"	25	2400
" (83)	8	J	"	70	410
" NCT-D (81)	1	O	19-19-37	70	457
" (410	2	P	"	41	71
" NCT-F (28)	1	P	36-19-36	28	786
" (14)	2	I	"	14	1286
" (1)	3	J	"	1	*958000
" (27)	4-7	O	"	27	852
" NCT-G(13)	1	O	17-19-37	12	2385
" (3)	2	J	"	3	**9667
" (2)	3	P	"	2	**12500
" NCT-H (24)	1	L	13-20-36	24	**5625
F. W. Kutter NCT-A					
" (5)	1	O	20-19-37	5	**6200
" (9)	2	J	"	9	**5000
" NCT-B (9)	1	M	21-19-37	9	**3444
" (8)	2	E	28-19-37	8	**12625
" (6)	3	D	"	6	**19000
" (10)	4	F	"	10	**6400
" NCT-C (15)	1	H	18-19-37	15	2600
" (55)	2	G	"	55	764
" (20)	3	F	"	20	**3250
" (15)	4	E	"	15	**4000
" NCT-D (7)	1	M	8-19-37	7	1286
C.H.Kyte(15)	1	P	7-19-37	15	**6333
" (4)	2	O	"	4	**3000
M.Love (49)	1	O	32-19-37	49	918
" (14)	2	P	"	14	1714
F.Luthy (35)	1	E	29-19-37	35	1143
" (15)	2	D	"	15	400
L.Martin(98)	1	I	25-19-36	70	929
" (95)	2	P	"	70	642
G.C.Mathews(14)	1	O	6-20-37	10	286
"	4	I	"	Gas Well	
" (1)	5	J	"	1	*535000
" (1)	12	P	"	1	*1448000
Orcutt D (21)	1	B	13-20-36	21	**3524
" (12)	2	G	"	12	2083
GULF OIL CORP. CONT'D					
J.R.Phillips					
" (14)	1	B	31-19-37	14	1143
" (51)	2	A	"	51	**3882
E. Shipp NCT-B					
" (12)	1	L	8-19-37	12	**5667
B.Whitmire(1)	1	G	8-20-37	1	*1544000
" (8)	2	B	"	8	**6000
" (28)	3	F	"	7	*31750
" (16)	9	H	"	16	1750
D.A.Williams					
" (17)	1	J	29-19-37	13	*15588
" (18)	2	O	"	18	**8056
TOTAL 73				1846	
HENDRIX, JOHN H.					
A.Cooper(2)	1	A	12-20-36	1	*462500
" (3)	2	E	7-20-37	1	*270000
Cooper B(3)	5	I	12-20-36	1	*171128
" (15)	6	M	7-20-37	15	**13000
" (12)	7	L	"	12	*18000
" (14)	11	H	12-20-36	14	**13000
" (11)	12	D	7-20-37	11	1473
Acreage factor .975					
Cooper "8"(1)	8	P	12-20-36	1	*1100000
Gillully A Federal					
" (1)	1	M	8-20-37	1	*1240000
Patsy (15)	1	B	18-20-37	15	**13000
State H-17(33)	1	E	17-20-37	22	*9522
" (1)	2	D	"	1	*1125000
TOTAL 12				95	
LONG, C. E.					
Huston(6)	1	K	21-19-37	6	**6727
Sinc.Fed.(1)	2	N	"	1	TSTM
TOTAL 2				7	
MKA OIL PROPERTIES					
M.E.Laughlin					
" (29)	1	G	4-20-37	29	2000
" (73)	2	M	"	70	1000
" (30)	3	N	"	30	500
" (29)	4	O	"	29	1034
" (26)	5	J	"	26	1461
N.M.F St.(2)	2	F	17-20-37	1	*531571
" (16)	3	L	"	14	*14954
" (4)	4	M	"	3	*64857
TOTAL 8				202	
MARATHON OIL CO.					
B.Barber(8)	1	M	32-19-37	3	*68536
" (14)	2	C	5-20-37	14	**3422
" (28)	3	N	32-19-37	16	*13052
" (30)	4	K	4-20-37	30	1692
" (16)	5	D	"	16	**5665
" (12)	6	I	"	12	2182
" (8)	7	F	"	8	**4993
Ell.St.(28)	1	J	30-19-37	28	1057
" (82)	2	I	"	70	2428
" (80)	3	O	"	60	1035
" (73)	5	P	"	70	2388
Han.St.(7)	1	P	16-20-37	7	**3454
" (6)	3	A	"	6	2105
" (17)	5	H	"	17	**4367
W.H.Laughlin					
" (50)	1	E	9-20-37	50	252
" (17)	2	F	"	17	**12118
" (12)	3	G	"	12	**7618
McGrail St.(2)	2	K	26-19-36	1	*274901
TOTAL 18				437	
MOBIL OIL CORP.					
Gen.G St.(8)	1	D	16-20-37	8	2125

MONUMENT PADDOCK

Top Allowable 94 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.

E.S.Adkins	(33)	3 M	5-20-37	33	841
L.M.Lambert	(26)	8B	6-20-37	26	396
"	(26)	9 H	"	26	678
"	(83)	10 G	"	80	771
J.R.Phillips		9 A	1-20-36	No C-116	
TOTAL		4		165	

ATLANTIC RICHFIELD CO.

B.J.Barber	(20)	12A	7-20-37	20	1150
"	(62)	13 E	8-20-37	50	758
"	(7)	15 D	"	7	**4000
"	(19)	16 L	"	19	**2158
"	(8)	18 H	7-20-37	8	**5875
"	(50)	19 I	"	48	1380
"	(22)	20 P	"	22	545
TOTAL		7		174	

GETTY OIL CO.

T.Anderson	(75)	3 J	8-20-37	75	94

GULF OIL CORP.

G.C.Matthews	(38)	7P	6-20-37	25	658
"	(26)	9 O	"	20	577
"	(10)	10 J	"	10	**3500
"	(20)	11 I	"	20	750
B.Whitmire	(15)	6 B	8-20-37	15	800
"	(7)	7 G	"	7	**3143
"	(24)	8 F	"	20	125
TOTAL		7		117	

TEXACO INC.

J.R.Phillips	(10)	12F	6-20-37	8	**12200

UNION TEXAS PETROLEUM CORP.

Britt A	(5)	4 N	6-20-37	5	800
Britt B	(17)	2 N	5-20-37	17	411
TOTAL		2		22	
POOL TOTAL		22		561	

MONUMENT TUBB

(80 Acre Spacing)

Top Allowable 194 GOR Limit 4,000

AMERADA DIVISION-AMERADA HESS CORP.

V.Laughlin	(38)	4 A	9-20-37	18	2621
State Q	(8)	4 I	16-20-37	8	**20175
TOTAL		2		26	

AMOCO PRODUCTION CO.

Gillully B Federal RAVA					
"	(5)	8 C	22-20-37	4	**22400
"	(18)	9 D	"	15	**7000
"	(8)	10 B	"	6	2113
TOTAL		3		25	

ASHMUN & HILLIARD

J.W.Cooper	(26)	1 F	3-20-37	26	2577

CONTINENTAL OIL CO.

Britt B	(4)	9 J	15-20-37	4	**15500
"	(5)	10 F	"	4	*176000
"	(15)	12 E	"	15	**20233
"		14 L	15-20-37	No C-116	
"	(6)	18 N	10-20-37	6	2833
"	(13)	19 B	15-20-37	13	1615
"	(3)	20 L	10-20-37	3	3000
"	(3)	21 J	"	3	2000
"	(4)	22 P	"	4	TSTM
Britt Phil.	(4)	1E	10-20-37	4	**37500
SEMU Blinebry Tubb					
"	(34)	84 A	22-20-37	30	295

CONTINENTAL OIL CO. CONT'D.

SEMU Blinebry Tubb					
"	(14)	85 H	15-20-37	14	157
SEMU Dr.	(4)	70 I	"	4	1125
SEMU Tubb	(29)	86 D	14-20-37	23	*34130
"	(1)	87 M	"	1	**14310
"	(30)	88 F	"	26	*29972
Skaggs B A/c-1					
"	(7)	6 N	11-20-37	7	**32000
TOTAL		16		161	

GULF OIL CORP.

H.T.Orcutt NCT-H					
"	(21)	1 E	11-20-37	19	**11238

MALLARD EXPLORATION, INC.

Laughlin	(6)	1 H	9-20-37	5	**7700

MARATHON OIL CO.

Hanson ST.	(12)	6 G	16-20-37	10	1950

SKELLY OIL CO.

L. Van Etten	(5)	11 I	9-20-37	5	**8200
"	(2)	12 O	"	2	**96500
TOTAL		2		7	

TEXACO INC.

E. H. B. Phillips B					
"	(55)	1 F	10-20-37	45	**6600
"	(14)	2 G	"	14	2460
TOTAL		2		59	
POOL TOTAL		29		338	

MOORE DEVONIAN

Top Allowable 327 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.

C.W.Robin	(110)	1 A	23-11-32	90	
" A	(19)	1 P	14-11-32	19	
TOTAL		2		109	

SAMEDNA OIL CORP.

J. H. Moore B					
"	(180)	1 E	25-11-32	180	
"	(381)	2 F	"	327	
TOTAL		2		507	

TEXACO INC.

Moore	(360)	1 D	25-11-32	327	
"	(380)	2 C	"	327	
St.BN-1	(300)	2 K	"	250	
St.N.M.BO	(128)	1 F	24-11-32	125	
"	(182)	2 E	"	179	
"	(130)	3 D	"	35	
St.N.M.BR	(365)	1 N	"	327	
"	(360)	2 K	"	327	
TOTAL		8		1897	
POOL TOTAL		12		2513	

MOORE PERMO PENN

Top Allowable 264 No GOR Limit

AMERADA DIVISION-AMERADA HESS CORP.

State MA	(30)	3 M	24-11-32	30	
C.W.Robinson		2 H	23-11-32	Gas Well	

EAST MORTON WOLFCAMP

(80 Acre Spacing)

Top Allowable 397 GOR Limit 2,000

SAMEDAN OIL CORP.

Carter	(175)	1 O	33-14-35	175	503

Acreage factor .500

EAST MORTON WOLFCAMP CONT'D.

SAMEDAN OIL CORP. CONT'D.
Gulf St. Com.
" (508) 1 A 4-15-35 397 423

TOTAL 2 572

UNION OIL CO. OF CALIFORNIA
Owens (14) 1 G 34-14-35 14 643

POOL TOTAL 3 586

MORTON PERMO PENN NORTH

Top Allowable 327 GOR Limit 2,000
FEATHERSTONE, OLEN F.
Amerada Fed.(52) 1 H 31-14-35 40 TSTM
Humble X 1 C 6-15-35 No C-115
Acreage factor 1.100
Mobil St.(31) 1 E 32-14-35 31 292
Tenneco Fee(116) 1J 31-14-35 110 507

TOTAL 3 181

TENNECO OIL CO.
Anderson Fed. 1 G 31-14-35 No C-116

POOL TOTAL 3 181

MORTON WOLFCAMP
(80 Acre Spacing)

Top Allowable 164 GOR Limit 2,000
CABOT CORP.
State Q 1 L 7-15-35 No C-115
No C-116

HUBER CORP., J. M.
Stoltz Fed.(157) 1J 12-15-34 157 1204
Stoltz St. 1 M 6-15-35 No C-116

UNION OIL CO. OF CALIFORNIA
Arreguy (5) 1 B 13-15-34 4 1400
Federal A(170) 1 P 12-15-34 150 1776
Gulf Fed.(16) 1 H " 16 **3688
Reef (54) 1 N " 45 **2111
State 7 (10) 1 D 7-15-35 10 **2500

TOTAL 5 225

POOL TOTAL 6 382

NADINE DRINKARD

Top Allowable 164 No GOR Limit
CLINTON OIL CO.
Foster B(11) 1 O 14-19-38 9
Foster C(33) 1 K 23-19-38 10

TOTAL 2 19

SHENANDOAH OIL CORP.
Ruth Terry Furneaux
" (15) 1 D 26-19-37 5
Will Terry(20) 1 N 23-19-38 7

TOTAL 2 12

POOL TOTAL 4 31

NONOMBRE LOWER PENN
(160 Acre Spacing)

Top Allowable 537 GOR Limit 2,000
MIDWEST OIL CORP.
State D (190) 2 C 32-13-34 150 **2400
State C 1 K " 90

POOL TOTAL 2 240

NONOMBRE MIDDLE PENN

Top Allowable 327 GOR Limit 2,000
MIDWEST OIL CORP.
State D(55) 3 F 32-13-34 55 545

NONOMBRE UPPER PENN
(160 Acre Spacing)

Top Allowable 537 GOR Limit 2,000
MIDWEST OIL CORP.
State C(50) 1 K 32-13-34 45 975
State D (62) 1 G " 50 193

POOL TOTAL 2 95

OIL CENTER BLINEBRY
(80 Acre Spacing)

Top Allowable 164 GOR Limit 4,000
ATLANTIC RICHFIELD CO.
E.C.Adkins(3) 11 A 9-21-37 3 **15000
State L (6) 6 E 11-21-36 6 2000

TOTAL 2 9

CONTINENTAL OIL CO.
Meyer B-4(61) 19 O 4-21-36 61 3620
" (16) 20 G " 16 3500
" (35) 21 Q " 35 **6775
" (42) 22 K " 42 2900
" (9) 23 W " 9 **4225
" (29) 24 I " 29 3122
" (8) 25 S " 8 **6875
" (46) 26 C " 46 1325
Acreage factor .975
" (46) 27 H " 46 1348
Acreage factor .662
State D (10) 13 M 11-21-36 10 **5600

TOTAL 10 302

GULF OIL CORP.
Evans St.(5) 4 O 3-21-36 5 3600
Heasley St.(19) 8 A 5-21-36 19 2368
Bell Ramsay NCT-A
" (19) 11 M 4-21-36 19 2632
" (3) 12 E " 3 **16000

TOTAL 4 46

HUMBLE OIL & REFINING CO.
A.J.Adkins(47) 8 K 10-21-36 47 **4234
" (6) 9 E " 6 3333
" (6) 10 M " 6 **4500
Blinebry Oil Com. #1
" (124) 1 C 10-21-36 104 **6298
J.D.Knox(28) 9 A " 28 **8107
" (84) 10 G " 70 **4700
" (9) 11 I " 9 7889
" (22) 12 O " 22 1727

TOTAL 8 292

ME-TEX SUPPLY CO.
Wallace St.(57) 5M 3-21-36 52 **6702
" (50) 6 K " 42 **4380
" (77) 7 E " 65 3649

TOTAL 3 159

SHELL OIL CO.
State J (30) 6 N 32-20-37 25 TSTM

SUN OIL CO.
J.A.Akens(110) 7 S 3-21-36 100 **4252
" (98) 8 W " 80 **4900
" (65) 9 Q " 65 391
Akens A O-Unit
" (76) 1 U " 65 **5850

TOTAL 4 310

POOL TOTAL 32 1143

OSUDO WOLFCAMP

Top Allowable 327 GOR Limit 2,000
AMERADA DIVISION-AMERADA HESS CORP.
State WE 1-32(14) 2 O 32-20-36 14 **9886

PADDOCK

Top Allowable 94 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.					
State DC(61)	1	F	19-21-37	47	*4021
L.G.Warl.A(13)	2	J	"	8	**8117
TOTAL	2			55	
AMERICAN PETROFINA CO. OF TEXAS					
E.Butler(5)	1	M	18-22-38	5	**4260
AMOCO PRODUCTION CO.					
State CK(127)	3-1N		19-21-37	94	740
" (74)	2	K	"	74	417
Corrigan	1	I	33-21-37	Gas Well	
Grizz.B(8)	2	H	8-22-37	8	**4557
Owen B(6)	1	M	34-21-37	6	1429
TOTAL	5			182	
ATLANTIC RICHFIELD CO.					
Boyd (12)	2	D	23-22-37	8	**2318
CONTINENTAL OIL CO.					
M.E.Wantz(55)	4	J	21-21-37	35	1980
GULF OIL CORP.					
J. N. Carson NCT-A					
" (17)	3	B	33-21-37	17	**10647
" (10)	5	J	28-21-37	10	1000
" (53)	8	O	"	41	*4585
" (23)	11	K	"	23	**3826
" NCT-C (35)	5	A	33-21-37	13	*14314
" (27)	7	P	"	24	**5333
" (1)	9	I	"	1	**9125
Graham State NCT-1					
" (75)	1	M	19-21-37	70	1053
Acreage factor .925					
" (30)	2	L	"	30	1133
Acreage factor .925					
C.L.Hardy(12)	4	M	20-21-37	12	417
E.King (18)	7	G	28-21-37	18	**4227
" (34)	10	B	"	34	1382
" (8)	15	F	"	8	**2750
" (8)	19	C	"	4	**3750
"	26	H	"	15	
W. A. Ramsay NCT-B					
" (55)	3	A	25-21-36	55	673
TOTAL	16			375	
HANSON OIL CORP.					
Max Gutman(15)	2	L	9-22-38	10	653
HUMBLE OIL & REFINING CO.					
J.L.Greenw.(14)	14	L	9-22-37	14	226
HUMBLE OIL & REFINING CO.					
Paddock Unit					
" (5)	2	P	34-21-37	5	1400
" (6)	3	M	35-21-37	6	**4667
" (6)	24	L	3-22-37	6	1833
" (7)	25	K	"	7	**2210
" (4)	26	J	"	4	**4860
" (4)	38	N	"	4	**8750
" (4)	39	O	"	4	**12250
" (8)	40	P	"	8	**2950
" (5)	44	P	2-22-37	5	**3960
" (4)	52	B	10-22-37	4	**6250
" (4)	53	A	10-21-37	4	**15000
" (9)	54	D	11-22-37	9	**4000
" (5)	55	C	"	5	**8000
" (10)	56	B	"	10	**5800
" (6)	57	A	"	6	**15833
" (5)	65	G	10-22-37	5	**6000
" (1)	67	E	11-22-37	1	**74000
" (2)	68	F	"	2	**15500
" (6)	69	G	"	6	**4420

HUMBLE OIL & RFG. CO. CONT'D.

Paddock Unit					
" (4)	70	H	11-22-37	4	**23500
" (6)	74	L	10-22-37	6	**3000
" (8)	75	K	"	8	**9240
" (11)	76	J	"	11	**8950
" (3)	85	M	"	3	**8000
" (15)	86	N	"	15	**4380
" (3)	87	O	"	1	*134000
" (4)	88	P	"	4	**7250
" (13)	89	M	11-22-37	13	**9220
" (5)	97	C	14-22-37	5	1840
TOTAL	29			171	
HUMBLE OIL & REFINING CO.					
Project (22 Units)					
Paddock Unit					
"	4	N	35-21-37	16	
"	6	P	"	3	
"	9	A	3-22-37	6	
"	10	D	2-22-37	12	
"	12	B	"	20	
"	14	D	1-22-37	3	
"	16	H	3-22-37	9	
"	18	F	2-22-37	23	
"	20	H	"	8	
"	27	I	3-22-37	5	
"	28	L	"	20	
"	30	J	"	1	
"	31	I	"	7	
"	41	M	"	6	
"	42	N	"	7	
"	43	O	"	S.I.	
"	5	O	35-21-37	Input	
"	11	C	2-22-37	"	
"	13	A	"	"	
"	17	E	"	"	
"	19	G	"	"	
"	29	K	"	"	
TOTAL	15			146	
MACDONALD OIL CORP.					
Gulf Mat.A(8)	1	I	24-21-36	6	TSTM
MARATHON OIL CO.					
W. S. Marshall B					
" (22)	5	N	27-21-37	15	**2366
" (19)	6	M	"	15	**4811
TOTAL	2			30	
MOBIL OIL CORP.					
Bruns.Argo(15)	5	F	10-22-37	13	**4533
" (5)	12	H	9-22-37	5	1200
" (16)	14	C	10-22-37	14	**8000
" (9)	16	D	"	9	**5556
" (15)	19	E	"	13	**7733
J.N.Carson(37)	1	H	33-21-37	30	**2259
E.O.Carson(30)	11	G	"	25	1700
" (4)	15	C	"	4	*47250
" (4)	20	N	28-21-37	4	TSTM
" (7)	22	L	"	7	"
C.Hardy (8)	6	D	29-21-37	8	"
S.E.Long(10)	1	I	11-22-37	10	1000
" (1)	4	P	"	1	**44000
Marshall Com(55)	6	E	34-21-37	50	**3454
" (34)	8	D	"	25	1382
TOTAL	15			218	
PEERY, J. W.					
Hardy (12)	4	P	19-21-37	10	520
" (33)	5	O	"	30	809
TOTAL	2			40	
SHELL OIL CO.					
Grizzell(5)	5	I	8-22-37	5	**2000

PADDOCK CONT'D.

SOHIO OIL CO.					
Penrose (7)	2	E	9-22-37	6	**2857
SUN OIL CO.					
Christmas(11)	1	N	1-22-37	11	**7730
Lynch (10)	1	K	"	10	**9700
" (20)	2	L	"	20	**6750
" (13)	3	M	"	9	*20000
TOTAL	4			50	
TEXACO INC.					
V.M.Henderson(85)	5B		30-21-37	72	640
" (24)	6	C	"	20	TSTM
" (26)	7	F	"	24	"
" (48)	8	E	"	40	854
Acreage factor .925					
" (30)	9	G	"	26	TSTM
" (94)	10	D	"	75	1053
Acreage factor .925					
C.H.Lockhart Federal NCT-1					
" (7)	3	O	18-22-38	7	2727
TOTAL	7			264	
TEXAS PACIFIC OIL CO. INC.					
E11.B-12(15)	1	D	12-22-37	12	**9200
E11.B-15(18)	2	A	15-22-37	14	**7944
Walden (6)	5	C	"	4	**2500
TOTAL	3			30	
POOL TOTAL	108			1650	

PADDOCK SOUTH

Top Allowable 94 GOR Limit 2,000

AMOCO PRODUCTION CO.					
State T(93)	1	YK	32-22-39	75	1796
" (68)	2	N	"	25	515
TOTAL	2			100	
CITIES SERVICE OIL CO.					
State P (30)	3	M	32-22-38	25	733
GULF OIL CORP.					
T.R.Andrews(120)	3	J	32-22-38	94	558
" (16)	4	O	"	16	1125
" (94)	6	H	"	94	745
" (34)	7	P	"	34	391
" (35)	8	I	"	35	1171
Higgins (60)	2	I	29-22-38	60	367
TOTAL	6			333	
TEXACO INC.					
A.H.Blinebry Federal NCT-1					
" (30)	8	E	33-22-38	30	633
" (15)	14	M	28-22-38	15	267
" (8)	15	D	33-22-38	8	**5500
TOTAL	3			53	
POOL TOTAL	12			511	

PADUCA DELAWARE

Top Allowable 70 GOR Limit 2,000

TENNECO OIL CO.					
J.D.Sena Jr.(10)	2	L	28-25-32	10	**2850
TENNECO OIL CO.					
Project (7 Units)					
State Monsanto	1	I	16-25-32	30	
"	2	P	"	60	
"	4	N	"	20	
"	5	J	"	20	
"	6	K	"	40	
"	3	O	"	Input	
"	7	M	"	"	
TOTAL	5			170	
TEXACO INC.					
Ray Federal B NCT-1					
" (8)	3	C	10-25-32	8	TSTM
Jor.Fed.(10)	10	J	15-25-32	10	1820
Ray Fed. B NCT-2					
"	2	E	10-25-32	S.I.	
J.D.Sena,Jr.	1	K	28-25-32	Input	
TOTAL	2			18	
TEXACO INC.					
Project (2 Units)					
Ray Federal B NCT-1					
" (28)	6	J	10-25-32	28	
"	1	O	"	Input	
TEXACO INC.					
Project (49 Units)					
Cotton Draw Unit					
"	2	F	12-25-32	100	
"	3	H	16-25-32	45	
"	4	D	22-25-32	70	
"	5	C	15-25-32	70	
"	7	B	21-25-32	98	
"	8	K	15-25-32	86	
"	10	A	16-25-32	51	
"	11	N	15-25-32	136	
"	15	D	21-25-32	64	
"	16	C	22-25-32	10	
"	18	F	"	41	
"	19	N	10-25-32	55	
"	20	D	15-25-32	100	
"	21	B	"	88	
"	22	L	"	83	
"	24	K	10-25-32	40	
"	25	A	21-25-32	100	
"	26	H	"	178	
"	27	I	"	58	
"	28	J	"	100	
"	29	K	"	100	
"	30	F	"	132	
"	31	C	"	128	
"	33	F	10-25-32	42	
"	34	P	9-25-32	32	
"	35	L	21-25-32	91	
"	38	N	"	35	
"	41	L	10-25-32	16	
"	42	I	20-25-32	54	
"	43	P	"	33	
"	45	D	28-25-32	32	
"	47	C	21-25-32	38	
"	48	L	22-25-32	34	
"	50	F	28-25-32	24	
"	51	B	"	40	
"	52	I	9-25-32	22	
"	57	P	21-25-32	52	
"	1	M	15-25-32	Input	
"	6	M	10-25-32	"	
"	9	E	22-25-32	"	
"	12	E	15-25-32	"	
"	17	G	"	"	
"	23	G	21-25-32	"	
"	36	E	21-25-32	"	
"	37	M	"	"	
"	44	O	"	"	
"	55	A	29-25-32	"	
"	56	A	28-25-32	"	
"	60	G	10-25-32	"	
TOTAL	38			2478	
TEXACO INC.					
Project (3 Units)					
Paduca Jordan Unit					
"	15	E	28-25-32	Input	
"	20	H	"	S.I.	
"	16	C	9-25-32	Input	
POOL TOTAL	46			2704	

EAST PADUCA DELAWARE
Top Allowable 70 GOR Limit 2,000
O'NEILL, JOSEPH I., JR.
Federal O(16) 1 P 14-25-32 16 1820

NORTH PADUCA DELAWARE
Top Allowable 70 GOR Limit 3,000
TEXACO INC.
Cotton Draw Unit
" (19) 69 K 34-24-32 19 **3158
" (10) 70 L " 10 **3400
" (8) 72 P 33-24-32 8 2875
" 73 A 4-25-32 Gas Well

POOL TOTAL 3 37

PEARL QUEEN
Top Allowable 70 No GOR Limit
BTA OIL PRODUCERS
Pearl 692 Ltd.
" (30) 1 M 31-19-35 15
Acreage factor .975

DRISCOLL, JOSEPH P.
Pure State(25)1M 36-19-34 25

GULF OIL CORP.
Project (63.99 Units)
West Pearl Queen Unit
" 100 M 21-19-35 1
" 101 O 20-19-35 22
" 103 C 29-19-35 6
" 105 A " T.A.
" 107 C 28-19-34 5
" 109 E " 12
" 111 G 29-19-35 17
" 113 E " T.A.
" 115 I 30-19-35 17
" 117 K 29-19-35 20
" 119 I " 30
" 121 K 28-19-35 90
" 124 O " 55
" 126 M " 35
" 128 O 29-19-35 70
" 130 M " 20
" 132 O 30-19-35 T.A.
" 133 C 31-19-35 3
" 135 A " 25
" 137 C 32-19-35 20
" 139 A " 30
" 141 C 33-19-35 80
" 143 A " 20
" 145 G " 6
" 147 E " 25
" 149 G 32-19-35 5
" 151 E " 5
" 153 G 31-19-35 20
" 154 F " 85
" 155 K " T.A.
" 157 I " 3
" 159 K 32-19-35 30
" 162 I 33-19-35 10
" 163 D " 60
" 164 F 32-19-35 10
" 165 K 29-19-35 50
" 166 O 28-19-35 35
" 167 O 29-19-35 15
" 168 A 31-19-35 20
" 102 D 29-19-35 Input
" 104 E " "
" 106 D 28-19-35 "
" 108 F " "
" 110 H 29-19-35 "
" 112 F " "
" 114 H 30-19-35 "
" 116 L 29-19-35 "

GULF OIL CORP. CONT'D.
West Pearl Queen Unit
" 118 J 29-19-35 Input
" 120 L 28-19-35 "
" 122 J " "
" 123 P " "
" 125 N " "
" 127 P 29-19-35 "
" 129 N " "
" 131 P 30-19-35 "
" 134 B 31-19-35 "
" 136 D 32-19-35 "
" 138 B 32-19-35 "
" 140 D 33-19-35 "
" 142 B " "
" 144 H " "
" 146 F " "
" 148 H 32-19-35 "
" 150 F " "
" 153 H 31-19-35 "
" 154 F " "
" 156 J " "
" 158 L 32-19-35 "
" 160 J " "
" 161 J 33-19-35 "

TOTAL 35 957
HANSON OIL CORP.
Cactus Federal
" (12) 2 C 6-20-35 9
" (15) 3 D " 9
Acreage factor .975
Mescalero Ridge Unit 26
" (8) 2 P 26-19-34 6
" (17) 3 O " 9
" (42) 4 N " 22
" (33) 5 K " 19
" (44) 7 M " 12
Mescalero Ridge Unit 35
" (87) 1 I 35-19-34 18
" (41) 2 J " 7
" (21) 3 H " 7
" (36) 4 G " 20
" (46) 5 F " 27
" (16) 6 C " 9
" (17) 7 B " 8
" (52) 8 K " 27
" (5) 10 P " 3
" (28) 12 E " 7
" (25) 13 L " 7
" (41) 14 D " 9
" (99) 15 A " 27
" (37) 16 O " 20
Pure St.(15) 1 P 36-19-35 5
" (17) 2 I " 4
Tex.Fed.(3) 2 A 1-20-34 3
Acreage factor 1.025

TOTAL 24 294
MINERALS, INC.
Gulf St.(25) 1 E 36-19-34 15
" (12) 3 D " 6
Minerals St.(11)1N " 6
Pure St.(15) 1 K " 10

TOTAL 4 37
SHELL OIL CO.
Project (56 Units)
East Pearl Queen Unit
" 2 C 22-19-34 5
" 4 E " 6
" 6 G " 8
" 8 K " 12
" 10 I 21-19-35 7
" 12 O " 8

PEARL QUEEN CONT'D.

SHELL OIL CO. CONT'D.
East Pearl Queen Unit

"	14	M	22-19-35	10
"	16	O	"	10
"	19	C	27-19-35	1
"	21	A	28-19-35	5
"	23	G	"	30
"	25	E	27-19-35	24
"	27	G	"	35
"	30	I	"	20
"	32	K	"	60
"	34	I	28-19-35	30
"	35	M	27-19-35	35
"	37	O	"	4
"	39	A	34-19-35	32
"	41	C	"	14
"	43	E	"	11
"	45	G	"	22
"	48	I	"	8
"	57-50	K	"	40
"	52	M	"	17
"	54	O	"	10
"	56	F	"	30
"	58	M	22-19-35	2
"	59	H	29-19-35	70
"	1	B	22-19-35	Input
"	3	D	"	"
"	5	F	"	"
"	7	J	"	"
"	9	L	"	"
"	11	N	21-19-35	"
"	13	P	"	"
"	15	N	22-19-35	"
"	17	P	"	"
"	18	B	27-19-35	"
"	20	D	"	"
"	22	B	28-19-35	"
"	24	H	"	"
"	26	F	27-19-35	"
"	28	H	"	"
"	29	L	26-19-35	"
"	31	J	27-19-35	"
"	33	L	"	"
"	36	N	"	"
"	38	P	"	"
"	40	B	34-19-35	"
"	42	D	"	"
"	44	E	"	"
"	46	H	"	"
"	47	L	35-19-35	"
"	49	J	34-19-35	"
"	51	L	"	"
"	53	N	"	"
"	55	P	"	"

TOTAL	30			566

ST. CLAIR D. W.

Super.Fed.	(15)	1 F	25-19-34	7
"	(21)	2 D	"	7
"	(17)	3 E	"	9
"	(19)	4 L	"	11
"	(27)	5 M	"	14
"	(10)	6 N	"	8
Super A Fed.				
"	(8)	1 K	25-19-35	5

TOTAL	7			61

TAMARACK PETROLEUM CO., INC.
Project (22 Units)
Northeast Pearl Queen Unit

"	2	N	15-19-35	28
"	3	O	15-19-35	24
"	6	D	23-19-35	28
"	7	C	"	23
"	9	A	"	6

TAMARACK PET. CO., INC. CONT'D.
Northeast Pearl Queen Unit

"	10	D	24-19-35	8
"	13	H	23-19-35	8
"	15	F	"	34
"	16	E	"	20
"	19	K	"	80
"	21	I	"	7
"	22	L	24-19-35	8
"	11	C	"	6
"	1	K	15-19-35	Input
"	4	P	15-19-35	"
"	5	A	22-19-35	"
"	8	B	23-19-35	"
"	12	E	24-19-35	"
"	14	G	23-19-35	"
"	17	H	22-19-35	"
"	18	L	23-19-35	"
"	20	J	"	"

TOTAL	13			280

TAMARACK PETROLEUM CO., INC.
Project (22.075 Units)
South Pearl Queen Unit

"	1	B	3-20-35	15
Acreage factor 1.025				
"	2	C	"	45
Acreage factor 1.025				
"	3	D	3-20-35	10
Acreage factor 1.025				
"	4	G	4-20-35	6
"	8	L	3-20-35	50
"	9	I	4-20-35	30
"	10	J	"	55
"	12	L	"	40
"	14	M	"	60
"	15	N	"	110
"	16	O	"	6
"	17	P	"	70
"	18	M	3-20-35	62
"	20	C	10-20-35	35
"	22	A	9-20-35	35
"	24	C	"	80
"	25	D	9-20-35	10
"	5	H	4-20-35	Input
"	6	E	3-20-35	"
"	7	F	"	"
"	11	K	"	"
"	13	P	5-20-35	"
"	19	N	3-20-35	"
"	21	D	10-20-35	"
"	23	B	9-20-35	"
"	26	F	"	"
"	27	A	8-20-35	"

TOTAL	17			719

UNION OIL CO. OF CALIFORNIA

Lea St.K(12)	1	L	36-19-34	7

POOL TOTAL	133			2961

PEARL QUEEN EAST
Top Allowable 70 No GOR Limit

TRIGG, JOHN H.

Fed. PT(4)	1	K	20-19-36	4

PEARL SAN ANDRES
Top Allowable 94 No GOR Limit

SHELL OIL CO.

Record	(108)	2 G	35-19-35	15

PEARL SEVEN RIVERS
Top Allowable 70 No GOR Limit

HANSON OIL CORP.
Mescalero Ridge Unit 35

"	(55)	9 I	35-19-34	13

PEARL SEVEN RIVERS CONT'D.
HANSON OIL CORP. CONT'D.
Mescalero Ridge Unit 35
" (52) 17 G 35-19-34 1

TOTAL 2 14
ST. CLAIR, D. W.
Superior Fed. (8) 8 I 25-19-34 5

POOL TOTAL 3 19

PEARSALL QUEEN
Top Allowable 70 No GOR Limit
ANADARKO PRODUCTION CO.
Project (18 Units)
Pearsall Queen Sand Unit

Tr. 1	1	H	5-18-32	20
Tr. 3	2	B	"	6
Tr. 4	1	D	4-18-32	20
Tr. 5-A	1	B	"	25
Tr. 6	1	F	"	15
Tr. 7	1	F	5-18-32	8
Tr. 8	1	J	"	30
Tr. 12	3	J	32-17-32	2
Tr. 13	1	P	"	20
Tr. 1	2	G	5-18-32	Input
Tr. 2	1	C	"	"
Tr. 2-A	2	K	"	"
Tr. 3	1	A	"	"
Tr. 4	2	C	4-18-32	"
Tr. 4-A	1	E	"	"
Tr. 9	1	I	5-18-32	"
Tr. 11	1	I	32-17-32	"
Tr. 14	1	O	"	"
Tr. 16	1	K	4-18-32	"

TOTAL 9 146
CONTINENAL OIL CO.

Pearsall AX	3	N	33-17-32	12
Pearsall BX	2	H	34-17-32	7
Queen B	1	O	27-17-32	4

TOTAL 3 23
CONTINENTAL OIL CO.
Project (5 Units)

Pearsall A	3	F	33-17-32	15
Pearsall AX	1	L	"	15
Pearsall A	1	E	"	Input
Pearsall AX	2	M	"	"
"	4	K	"	"

TOTAL 2 30
FAIR OIL CO.
John B 2 I 26-17-32 6

JACKSON, B. M.
Project (2 Units
Federal 1 G 4-18-32 63
" 2 H " Input

LARUE, C. E. & B. N. MUNCY, JR.
John (4) 1 B 35-17-32 4

POOL TOTAL 17 272

PENROSE SKELLY GRAYBURG
Top Allowable 70 GOR Limit 10,000
AMERADA DIVISION-AMERADA HESS CORP.

State DC	(10)	1	F	19-21-37	10 **16626
"	(8)	2	E	"	8 **46690
Acreage factor .925					
L.G.Warl.	(7)	1	H	"	5 6829
"	(6)	2	G	"	5 **56891
" A	(6)	1	I	19-21-37	5 707
"	(9)	2	J	"	8 4212

TOTAL 6 41
AMOCO PRODUCTION CO.

Owen A	(115)	2	F	3-22-37	70	365(96)

ANADARKO PRODUCTION CO.

Brun. #1	(3)	1	P	4-22-37	3	**190851
" #2	(7)	2	I	"	7	1215
"	(2)	4	N	"	2	**303140
"	(64)	5	K	"	50	3250
R.E.Cole	(5)	2	N	16-22-37	5	7294
"	(4)	3	M	"	4	7243
Ell.Fed.	(17)	2	G	15-22-37	15	1050
Hugh	(14)	10	E	14-22-37	14	**12150
"	(9)	11	F	"	9	6730
"	(9)	12	C	"	9	4480
E.W.Walden	(123)	7	L	15-22-37	70	6350
"	(24)	8	K	"	16	6390
"	(19)	9	F	"	15	**11324
"	(15)	10	E	"	15	**15765
Lou Wortham	(8)	1	D	11-22-37	8	1438
"	(7)	2	E	"	7	4861
"	(22)	3	C	"	22	3251
"	(7)	4	F	"	7	7977
" A	(4)	1	A	"	4	5752
" B	(8)	1	B	"	8	2472
"	(8)	2	G	"	8	3876

TOTAL 21 298
ATLANTIC RICHFIELD CO.

Carson	(3)	2	J	28-21-37	3	2333
Turn.H.S.	(3)	2	M	29-21-37	3	3333

TOTAL 2 6
CAMPBELL & HEDRICK

Alexander	(2)	1	L	7-21-37	2	**60800
W.E.Lee	(9)	1	C	20-21-37	9	2600
"	(2)	4	F	"	2	**151550

TOTAL 3 13
CITIES SERVICE OIL CO.

Brunson C	(66)	9	J	3-22-37	50	2197
"	(51)	10	O	"	45	1373
"	(92)	11	P	"	70	1576
"	(68)	12	I	"	60	1824

TOTAL 4 225
CONTINENTAL OIL CO.

Ell.A-15	(3)	1	P	15-22-37	3	4000
"	(2)	2	O	"	2	4000
L'ht.A-17	(4)	1	L	17-21-37	4	**21250

TOTAL 3 9
DECK, MILLARD

R.E.Cole	(10)	1	J	16-22-37	10	8460
"	(10)	1	K	"	10	5750

TOTAL 2 20
GULF OIL CORP.
J.N.Carson NCT-A

"	(8)	1	K	28-21-37	8	7500
" NCT-C	(7)	9	I	"	7	9125
R.E.Cole		1	P	16-22-37	Gas Well	
"	(5)	3	I	"	5	**17400
Graham State NCT-J						
"	(11)	1	B	25-21-36	11	**17273
E.King	(6)	1	E	28-21-37	6	**10500
"	(3)	3	F	"	3	**16333
"	(4)	7	G	"	4	4227
"	(9)	11	B	"	9	5889
H.T.Mattern NCT-A						
"	(2)	2	J	24-21-36	2	8000
"	(20)	3	P	"	20	**25400
" NCT-B	(8)	1	I	30-21-37	8	8500
"		5	O	"	Gas Well	
"	(10)	10	C	31-21-37	10	**11300
"	(7)	11	N	30-21-37	7	**12429
" NCT-C	(6)	1	I	18-21-37	6	**23500
W.T.McCormack		2	B	32-21-37	Gas Well	

PENROSE SKELLY GRAYBURG CONT'D.

GULF OIL CORP. CONT'D.						
W.T.McCormack		3	P	32-21-37	Gas Well	
"		4	O	"	"	
"		8	H	"	"	
M.Owen	(5)	1	J	34-21-37	5	2000
W.A.Ramsay NCT-B						
"	(13)	4	H	25-21-36	13	**12667
"	(30)	5	G	"	30	3900
TOTAL		17			154	
GULF OIL CORP.						
South Penrose Skelly Unit						
"	(2)	136	F	5-22-37	2	**121500
"	(5)	140	A	10-22-37	5	5000
"	(1)	142	C	"	1	9000
"	(8)	143	D	"	8	**13875
"		144	A	9-22-37	No C-116	
"	(2)	167	H	10-22-37	2	8500
"	(3)	176	I	8-22-37	3	**16667
"	(1)	177	J	"	1	9000
"	(8)	183	P	"	8	5625
"	(1)	185	N	9-22-37	1	**26000
"	(1)	190	A	17-22-37	1	**37000
"	(1)	191	B	"	1	**10000
TOTAL		11			33	
GULF OIL CORP.						
Project (20 Units)						
South Penrose Skelly Unit						
"		104	A	5-22-37	5	
"		105	B	"	5	
"		107	D	"	4	
"		108	A	6-22-37	4	
"		109	G	"	4	
"		112	F	5-22-37	20	
"		114	H	"	3	
"		126	J	"	5	
"		128	L	"	5	
"		130	J	6-22-37	5	
"		132	P	"	3	
"		134	N	5-22-37	7	
"		151	D	8-22-37	6	
"		152	A	7-22-37	10	
"		106	C	5-22-37	Input	
"		111	E	"	"	
"		113	G	"	"	
"		127	K	"	"	
"		129	I	6-22-37	"	
"		133	M	5-22-37	"	
TOTAL		14			86	
MARATHON OIL CO.						
D.Hardy	(3)	1	I	20-21-37	3	**19152
L.G.Warlick	(3)	1	O	18-21-37	3	5531
TOTAL		2			6	
MOBIL OIL CORP.						
E.O.Carson	(2)	4	N	28-21-37	2	TSTM
"	(2)	5	G	33-21-37	2	**19600
H.Corrigan	(6)	3	J	"	6	**10167
C.Hardy	(4)	1	E	29-21-37	4	2975
"	(1)	4	F	"	1	TSTM
TOTAL		5			15	
MOORE, J. H.						
Brownlee		1	P	25-21-36	Gas Well	
PARKER, R. L.						
Long	(5)	1	L	11-22-37	5	3300
PEERY, J. W.						
Hardy	(2)	1	P	19-21-37	2	6640
PENROSE PRODUCTION CO.						
Gill.A	(1)	1	L	31-21-37	1	9000
Acreage factor .925						
L.G.Warlick	(5)	1	A	19-21-37	5	8600
" #2	(8)	2	B	"	8	9875
TOTAL		3			14	
SHELL OIL CO.						
Long	(10)	6	K	11-22-37	10	2000
SKELLY OIL CO.						
State K	(2)	1	C	32-21-37	2	**82500
"	(3)	2	D	"	3	**71333
TOTAL		2			5	
SOHIO OIL CO.						
Elliott B-15-2						
"	(11)	2	H	15-22-37	11	**10909
Pruitt	(4)	1	P	31-21-37	4	2000
State A	(4)	1	F	32-21-37	4	**10250
"	(6)	2	E	"	6	8666
TOTAL		4			25	
SUN OIL CO.						
V.L.Linam	(5)	2	B	29-21-37	5	**68100
W. W. Weatherly						
"	(12)	1	K	17-21-37	12	**11125
"	(107)	2	J	"	70	2992
"	(101)	3	G	"	70	1460
"	(216)	5	B	"	70	1443
TOTAL		5			227	
TENNECO OIL CO.						
Sun.St.	(5)	1	C	19-21-37	5	6840
"	(10)	2	D	"	10	6920
Acreage factor .925						
TOTAL		2			15	
TEXACO INC.						
M.Weath.	(3)	5	D	17-21-37	3	9667
TEXAS PACIFIC OIL CO., INC.						
E11.A-15	(25)	1	J	15-22-37	25	2640
E11.B-15	(33)	2	A	"	33	5909
"	(66)	3	B	"	66	5030
State B	(4)	1	N	18-21-37	4	**10250
Walden	(8)	1	D	15-22-37	8	**11000
"	(8)	2	C	"	8	**12050
TOTAL		6			144	
TWO STATES OIL CO.						
Cole St.B	(3)	1	A	16-22-37	3	**12533
"	(3)	2	D	"	3	**11866
"	(3)	3	C	"	3	**15833
"	(3)	4	E	"	3	**12733
"	(3)	5	H	"	3	**15400
TOTAL		5			15	
THE WISER OIL CO.						
Downs A	(2)	1	N	32-21-37	2	TSTM
"	(2)	2	M	"	2	"
"	(1)	4	L	"	1	"
TOTAL		3			5	
ZACHRY, GUY R.						
Christmas		1	I	17-22-37	No C-115	
					No C-116	
POOL TOTAL		125			1446	

PRAIRIE CISCO SOUTH
(80 Acre Spacing)
Top Allowable 334 No GOR Limit

AMERICAN PETROFINA CO. OF TEXAS						
Federal C	(65)	1	G	20-8-36	40	
" E	(175)	1	K	"	130	

PRAIRIE CISCO SOUTH CONT'D.

AMERICAN PETROFINA CO. OF TEXAS CONT'D.					
Federal E(354)	2	N	20-8-36	334	
" F (23)	1	D	12-8-36	23	
" J (83)	1	K	23-8-36	60	
" (47)	2	D	"	40	
TOTAL	6			627	
BAXTER, D. B. & ASSOCIATES					
Cities Service Federal					
" (56)	1	O	21-8-36	30	1579
CHAMBERS & KENNEDY					
Mobil Fed.	1	E	28-8-36	No C-116	
HANKS, ROGER C.					
Brag Fed.(620)	1Y	E	28-8-36	300	
HUBER, J. M. CORP.					
Perry Fed.(47)	1	O	17-8-36	30	
LONE STAR PRODUCING CO.					
N.M.Fed.(106)	1	I	20-8-36	50	
N.M. B Fed.(304)	3	C	28-8-36	150	
" (148)	2	K	21-8-36	50	
TOTAL	3			250	
McCOY & STEVENS					
H.S.Hatch(98)	1	F	20-8-36	60	
O'NEILL, JOSEPH I., JR.					
Federal H(6)	1	I	17-8-36	6	
PETROLEUM CORP. OF TEXAS					
Bates Fed.(45)	1	B	22-8-36	40	
" (55)	2	F	"	40	
TOTAL	2			80	
SUNSET INTERNATIONAL PETROLEUM CORP.					
O'Neill St.	1	L	16-8-36	Gas Well	
POOL TOTAL	16			1383	

PRAIRIE DEVONIAN SOUTH
(80 Acre Spacing)
Top Allowable 327 GOR Limit 2,000

HUBER, J. M. CORP.					
Lone Star Federal					
" (13)	1	A	20-8-36	13	TSTM
Petrofina Federal					
" (80)	1	H	"	80	"
POOL TOTAL	2			93	

PRAIRIE SAN ANDRES SOUTH
Top Allowable 70 No GOR Limit

HUBER, J. M. CORP.					
Perry Fed.(77)	2	P	17-8-36	70	
O'NEILL, JOSEPH I., JR.					
State L (91)	1	M	16-8-36	20	
SUNSET INTERNATIONAL PETROLEUM CORP.					
O'Neill State A					
" (62)	1	L	16-8-36	8	
POOL TOTAL	3			98	

QUAIL RIDGE BONE SPRINGS
Top Allowable 327 No GOR Limit

ATLANTIC RICHFIELD CO.					
Mescalero Ridge Unit DE					
" (101)	1	D	21-19-34	85	
Mescalero Ridge Unit					
" (63)	22	C	"	45	
TOTAL	2			130	

GULF OIL CORP.					
Lea St.ED(156)	1	M	16-19-34	110	
POOL TOTAL	3			240	

QUAIL RIDGE YATES SOUTH
Top Allowable 70 GOR Limit 2,000

ATLANTIC RICHFIELD CO.					
Mescalero Ridge Unit					
" (8)	32	D	28-19-34	8	1250

QUAIL QUEEN
Top Allowable 94 GOR Limit 2,000

ATLANTIC RICHFIELD CO.					
State BG(6)	1	H	14-19-34	6	TSTM
READ & STEVENS, INC.					
Atlantic Richfield					
" (32)	1	L	13-19-34	32	109
Federal A(14)	1	J	14-19-34	14	589
Hooper B(16)	1	M	7-19-35	16	TSTM
Pennzoil St.(26)	1G		11-19-34	26	115
State C (5)	1	K	"	5	TSTM
TOTAL	5			93	
POOL TOTAL	6			99	

QUERECHO PLAINS DELAWARE
Top Allowable 124 No GOR Limit

YATES PETROLEUM CORP.					
Sweeney Fed.(31)	1	C	25-18-32	3	

QUERECHO PLAINS PENN
Top Allowable 397 No GOR Limit

PETROLEUM CORP. OF TEXAS					
Quer.Pl.Ut.(64)	1	K	22-18-32	35	
ROSS, Wm. G.					
Federal WR(245)	1	L	15-18-32	No C-115	
POOL TOTAL	1			35	

RANGER LAKE BOUGH
(80 Acre Spacing)
Top Allowable 334 GOR Limit 2,000

PHILLIPS PETROLEUM CO.					
West Ranger Lake Unit					
" (60)	1	C	26-12-34	60	438

RANGER LAKE PENN
(80 Acre Spacing)
Top Allowable 397 No GOR Limit

PHILLIPS PETROLEUM CO.				
Project (22 Units)				
Ranger Lake Unit				
Tr. 2	3	J	23-12-34	40
"	5	B	26-12-34	T.A.
"	6	N	23-12-34	60
"	7	L	26-12-34	25
"	14-K,9	L	23-12-34	T.A.
"	10	D	26-12-34	T.A.
"	12	N	"	T.A.
"	13	B	23-12-34	50
Tr. 5	2	H	27-12-34	T.A.
Tr. 6	1	P	"	30
Tr. 8	1	A	34-21-34	T.A.
"	2	B	"	50
Tr. 1	1	P	14-12-34	Input
Tr. 2	1	P	23-12-34	"
"	2	D	25-21-34	"
"	4	F	23-12-34	"
"	11	F	26-12-34	"
Tr. 5	1	A	27-12-34	T.A.
Tr. 6	2	J	"	T.A.
Tr. 8	3	J	34-12-34	"
Tr. 9	1	D	35-12-34	"
TOTAL	6			255

RANGER LAKE PENN CONT'D.
TEXAS PACIFIC OIL CO., INC.
State AH(40) 1 F 14-12-34 25

POOL TOTAL 7 280

REEVES PENN
Top Allowable 327 GOR Limit 2,000
TRIGO, JOHN H.
Federal J(9) 1 I 14-18-35 5 **67440

WOLFSON OIL CO.
State AX(20) 1 H 14-18-35 15 **4200

POOL TOTAL 2 20

RHODES YATES
Top Allowable 70 GOR Limit 10,000
EL PASO NATURAL GAS CO.

Moberly (2)	1	O	17-26-37	2	**14500
Moberly B(3)	7	H	20-26-37	3	**38647
" C (6)	1	F	21-26-37	6	3333
" (3)	4	J	"	3	TSTM
" #2 (5)	5	G	"	5	**95169
" #3 (6)	7	L	"	6	3667
" (62)	8	N	"	62	5419
" C-4(5)	11	P	20-26-37	5	**17150
Moberly C-3	6	K	21-26-37	Input	
Moberly C	9	M	"	"	
"	10	I	20-26-37	"	

TOTAL 8 92

KOCH EXPLORATION CO.
Water Flood Capacity Allowable in Accordance" with Order R-1352.
M. E. Wills A Federal

"	1	C	35-26-37	12
"	2	D	"	9
"	3	A	34-26-37	55
"	4	E	"	8
"	5	F	"	9
" B Fed.	1	H	"	No C-115

M.E.Wills A Federal

"	6-7	E	35-26-37	Input
"	8-9-10-11	D	"	"
"	12	F	"	"
"	13	C	"	"

TOTAL 5 93

TEXACO INC.
H.G.Moberly A Federal

" (15)	1	J	8-26-37	15	TSTM
" C Fed.(4)	1	J	17-26-37	4	"

W.H.Rhodes A Federal

" (1)	3	M	22-26-37	1	"
" (1)	6	L	"	1	"

W. H. Rhodes B Fed. NCT-1

" (12)	1	G	27-26-37	12	**37667
" (1)	2	J	"	1	TSTM
" (17)	13	O	"	17	235
" NCT-2 (4)	3	I	28-26-37	4	TSTM
" B NCT-1(10)	5	B	"	1	7000
St.JD Ut.(8)	1	C	27-26-37	8	9500
" (7)	2	D	28-26-37	7	TSTM
" (1)	3	E	27-26-37	1	4000
" (8)	4	F	"	8	1250

TOTAL 13 80

TEXACO INC.
Project (9 Units)
W. H. Rhodes B Federal NCT-1

"	4	H	27-26-37	3
"	6	I	"	139
"	8	M	26-26-37	38
"	9	P	27-26-37	38
"	11	K	26-26-37	34

TEXACO INC. CONT'D.
W. H. Rhodes B Federal NCT-1

"	12	O	26-26-37	10
"	14	E	"	64
"	7	L	"	Input
"	10	N	"	"

TOTAL 7 326

TEXAS PACIFIC OIL CO., INC.
Morris (22) 1 K 27-26-37 22 1681

UNION TEXAS PETROLEUM CORP.
State A-28(4) 1 H 28-26-37 4 **35250

POOL TOTAL 35 617

S. R. R. DEVONIAN
Top Allowable 397 No GOR Limit
AMERADA DIVISION-AMERADA HESS CORP.
State SRB(70) 1 P 15-9-32 40

SALADO DRAW DELAWARE
Top Allowable 94 No GOR Limit
COASTAL STATES GAS PRODUCING CO.

Conoco Fed.(18)	1	C	15-26-33	16	
Goedeke Fed.(16)	1	K	10-26-33	16	
" (25)	2	J	"	15	

TOTAL 3 47

CONTINENTAL OIL CO.

Goedeke (17)	1	O	10-26-33	15	
" (6)	2	G	"	5	
" (12)	4	N	"	10	

TOTAL 3 30

POOL TOTAL 6 77

SALT LAKE YATES
Top Allowable 70 No GOR Limit
MINERALS INC.

Bass St.(26)	2	F	18-20-33	12	
" (3)	3	D	"	3	

TOTAL 2 15

MONTGOMERY, RANDALL F.

Brooks-7(2)	3	O	7-20-33	2	
" (17)	4	K	"	12	
" (27)	6	N	"	20	

TOTAL 3 34

POOL TOTAL 5 49

SAN MIGUEL YATES & SEVEN RIVERS
Top Allowable 70 No GOR Limit
HUDSON, WILLIAM A. & EDWARD R.
Matlock(18) 1 B 4-20-34 6
Acreage factor 1.025

SAN SIMON YATES' NORTH
Top Allowable 70 GOR Limit 10,000
ATLANTIC RICHFIELD CO.
Lea St.407(5) 5 D 33-21-35 3 600

PHILLIPS PETROLEUM CO.

Yates, A (2)	2	K	29-21-35	2	8180
" (2)	3	L	"	2	**32820
" (1)	4	B	32-21-35	1	**58225
" (2)	5	G	"	2	4575

TOTAL 4 7

RESLER & SHELDON

Phil.St.(2)	1	P	29-21-35	2	7200
" B St.(2)	1	L	28-21-35	2	7500
" C St.(1)	1	A	32-21-35	1	9000
" (3)	2	H	"	3	8000

TOTAL 4 8

SAN SIMON YATES NORTH CONT'D.

SIMS, G. P.				
Gulf St.(5)	1 K	33-21-35	5	9600
" (2)	2 L	"	2	8500
TOTAL	2		7	
TEXACO INC.				
N.M. BZ State NCT-5				
" (6)	1 D	29-21-35	6	2335
" (4)	2 C	"	4	2750
TOTAL	2		10	
WILSON OIL CO.				
State 19(3)	1 A	19-21-35	3	TSTM
State C (4)	1 M	20-21-35	4	8000
State F	1 F	19-21-35	Gas Well	
TOTAL	2		7	
POOL TOTAL	15		42	

SANMAL SAN ANDRES

Top Allowable 70 No GOR Limit

J & H PRODUCTION CO.				
West St.	1 H	4-17-33	5	

SANMAL WOLFCAMP

Top Allowable 327 No GOR Limit

HUBER, J. M. CORP.				
Union St.(30)	1 H	33-16-33	20	

SAUNDERS PERMO PENN

Top Allowable 264 GOR Limit 2,000

AMERICAN PETROFINA CO. OF TEXAS				
State B (8)	1 F	33-14-33	8	**3000
" (16)	2 K	"	16	**4500
TOTAL	2		24	
ATLANTIC RICHFIELD CO.				
Lawton St.(17)	2 C	27-14-33	17	1823
State R (13)	1 K	"	13	846
" (9)	2 A	"	9	889
" (13)	3 B	"	13	1077
TOTAL	4		52	
CITIES SERVICE OIL CO.				
State AC(17)	1 A	9-15-33	13	TSTM
DOANBUY LEASE & CO., INC.				
Atlantic State A/c-1				
"	1 N	27-14-33	No C-115	
			No C-116	
" A/c-2	2 M	"	No C-115	
			No C-116	
" A/c-3	4 L	"	No C-115	
			No C-116	
"	5 J	"	No C-115	
			No C-116	
GILLESPIE, JR., CHARLES B.				
State F (31)	3 P	4-15-33	31	**2890
" (16)	4 J	"	16	**2370
State H (6)	3 J	28-14-33	6	**4883
" (8)	5 N	"	5	**4375
State I (11)	1 N	4-15-33	154	420
State J (11)	1 M	23-14-33	10	**4438
" (16)	2 L	"	12	**4075
" (8)	4 E	"	8	**2125
" (19)	5 D	"	14	**2010
State K (5)	1 P	29-14-33	5	1663
State M Com.(16)	1 D	10-15-33	16	1810
" (18)	2 F	"	18	**2150
" (3)	3 B	"	3	**4966
St. SN Ut.(6)	1 B	3-15-33	6	**3166

Acreage factor 1.225

GILLESPIE, JR., CHARLES B. CONT'D.				
St.SN Ut(16)	6 J	3-15-33	12	**2225
Stevens (6)	4 H	33-14-33	6	1333
" (3)	5 I	"	3	**3166
" (15)	3 A	"	15	**2540
TOTAL	18		340	
GULF OIL CORP.				
Lea CK St.(15)	1 D	35-14-33	15	**2800
M.Saunders(12)	4 L	34-14-33	12	**19000
TOTAL	2		27	
IMPERIAL AMERICAN MANAGEMENT CO.				
Lowe St.(36)	1 L	10-15-33	23	1072
PETROLEUM CORP. OF TEXAS				
State A(11)	2 P	34-14-33	11	**5406
" (23)	7 G	"	20	1731
State SC(28)	2 E	33-14-33	28	940
TOTAL	3		59	
SKELLY OIL CO.				
Gray B(6)	1 F	35-14-33	6	**5833
Hobbs O(10)	1 C	35-14-33	10	**3900
M.H.Saunders(3)	1 F	34-14-33	3	**4333
" (1)	2 C	"	1	**6000
" (6)	3 D	"	6	**1833
" (1)	4 E	"	1	**7000
TOTAL	6		27	
TAMARACK PETROLEUM CO.				
Lion St.(27)	1 J	9-14-33	27	270
Lion St. A				
" (41)	2 P	"	20	1268
TOTAL	2		47	
TEXACO INC.				
N.M.AN St.(4)	2 J	22-14-33	4	925
" (8)	3 K	"	8	**14425
" (19)	4 P	"	19	995
" (29)	6 O	"	29	759
" (40)	7 A	"	40	340
" (7)	8 H	"	7	1185
" (26)	9 C	"	26	377
" (36)	10 E	"	36	239
N.M.AT St.(31)	3 P	15-14-33	31	310
" (28)	4 I	"	28	436
" (34)	6 F	15-14-33	34	253
St.BG-1(20)	2 M	14-14-33	20	680
" (31)	3 K	"	31	849
" (63)	4 E	"	63	1375
State BU(27)	1 I	28-14-33	27	TSTM
TOTAL	15		403	
POOL TOTAL	54		1015	

EAST SAUNDERS PERMO PENN
(160 Acre Spacing)

Top Allowable 537 GOR Limit 2,000

HUBER, J. M. CORP.				
Pure ST.(284)	1 E	16-14-34	200	965
TENNECO OIL CO.				
State 17(83)	1 K	17-14-34	80	**2200
" A-17 (47)	2 C	"	35	1970
St.17 Com(25)	4 A	17-14-34	25	1890
State 20(43)	3 C	20-14-34	43	1770
TOTAL	4		183	
POOL TOTAL	5		383	

SAUNDERS PERMO PENN SOUTH

Top Allowable 327 No GOR Limit

COLORADO OIL & GAS CO.				
State A (19)	1 P	30-15-33	15	

SAWYER DEVONIAN NORTH
(80 Acre Spacing)
Top Allowable 467 No GOR Limit
INGRAM, TOM L.
State (75) 1 C 32-8-38 60

SAWYER SAN ANDRES
Top Allowable 70 GOR Limit 2,000
COOLEY, RALPH S.
Brown "51"(6) 2 F 19-9-38 6 100

GREEN, VERNON & V. H. FUNK
Ohio Fed.(15) 1 O 24-9-37 15 1426

MOBIL OIL CORP.
Bell Federal Com.
" (7) 3 N 20-9-38 7 **14000
" (9) 2 P " 9 **10111
McCormick Fed.
" (9) 1 E 29-9-38 8 *17556

TOTAL 24
PEARSON SIBERT OIL CO. OF TEXAS
Sinc.Fed.(6) 1 D 4-10-38 6 1333

WESTERN DRILLING CO.
Aikman Fed.(3)1 A 24-9-37 3 **7670
Gulf Fed.(16) 1 O 29-9-38 9 *15130

TOTAL 2 12

POOL TOTAL 8 63
SAWYER SAN ANDRES WEST
(80 Acre Spacing)
Top Allowable 140 GOR Limit 2,000
COASTAL STATES GAS PRODUCING CO.
Adlong 5(12) 1 B 5-10-37 12 **4080
Marr (20) 1 P 33-9-37 20 **2550
Santa Fe(45) 1 M " 45 245
" 2 F " No C-116
" (70) 3 J " 70 272
" (60) 4 H " 60 283
Sawyer St.(30)1 B 4-10-37 30 333
Federal 4 (15)1 F " 15 TSTM

TOTAL 252
D & B OIL INC.
Arco (19) 1 B 28-9-37 No C-115
Schwalbe 1 P 21-9-37 "

TOTAL
OIL DEVELOPMENT CO. OF TEXAS
Federal 22(9) 1 N 22-9-37 9 TSTM
SFPRR (18) 1 N 33-9-37 18 "
" (7) 2 D 34-9-37 7 "
" (18) 3 P 28-9-37 18 "
" (10) 4 B 33-9-37 10 **3500
" (14) 5 J 28-9-37 14 TSTM
" (2) 6 D 33-9-37 2 **8400
" (15) 7 F 34-9-37 15 **4860
" (150) 8 H 28-9-37 140 366
" (13) 9 F " 13 **2540
" (4) 10 N " 4 **5000
" (6) 11 L " 6 **15500
Rich Unit (32)1 J 34-9-37 32 625

TOTAL 13 288
SUN OIL CO.
N.M. S St.(11)1 H 32-9-37 11 2297

POOL TOTAL 21 551
SCARBOROUGH YATES SEVEN RIVERS
Top Allowable 128 GOR Limit 10,000
ADOBE OIL CO.
Humble St.(16)1 A 36-26-36 16 438
ADOBE OIL CORP. CONT'D
Humble St.(9) 2 H 36-26-36 9 333
Acreage factor .850

TOTAL 2 25
AMOCO PRODUCTION CO.
Farnsworth A Federal
" (7) 1 A 13-26-36 7 2857
" (29) 2 P " 29 931
" (4) 4 E 18-26-37 4 9378
" (6) 5 F " 6 8333
" (6) 6 L " 6 6557
" (27) 7 M " 27 1296
" (24) 9 N " 24 1042
" (22) 10 K " 22 1551
" (9) 11 C " 9 9810
" B (15) 1 M 7-26-37 15 3333
" (56) 2 E " 56 804
" (9) 3 K " 9 4444
" (25) 5 L " 25 1360
" (51) 6 D " 51 980
" (15) 7 F " 15 2067

TOTAL 15 305
ARES, SAM D.
El Paso Natural
" 1 J 13-26-36 No C-116 R-3221
" 2 G " "

CONTINENTAL OIL CO.
Eaves A (46) 1 O 19-26-37 46 848
" (83) 2 M " 83 1024
" (28) 3 L " 28 929
" (40) 4 F " 40 800
" (57) 5 K " 57 404
" (31) 6 D " 31 710
" (1) 7 J " 1 **63000
" (54) 8 N " 54 1929
" (18) 9 E " 18 2056
" (7) 11 A 30-26-37 7 5286
" (17) 12 C " 17 529
" (41) 13 B " 41 463
" (21) 14 D " 21 1857
Acreage factor 1.025
Eaves B-1(88) 1 G " 88 455
" 2 J " S.I.
" (4) 4 O " 4 3750
" (140) 5 H " 128 329
" (135) 7 I " 128 341
" (71) 8 P " 71 549
" (5) 9 F 31-26-37 5 1000
Acreage factor .825
" (6) 11 N 30-26-37 6 833
" (31) 12 D 31-26-37 31 968
" (3) 13 K 30-26-37 3 4333
" 14 E 31-26-37 S.I.
Acreage factor .850
" (56) 15 E 30-26-37 56 446
Acreage factor 1.025
" (47) 16 L 30-26-37 47 255
Acreage factor 1.025
" (46) 18 C 19-26-37 46 370
McCl. A (13) 3 P 24-26-37 13 3769
" 2 A " Input
" (15) 5 A 25-26-36 15 3267
" (25) 6 H " 25 1960
" (17) 7 H 24-26-36 17 4118
McCall.B(39) 1 I 25-26-36 39 3513

TOTAL 30 1166
FIELDS, BERT, JR.
Eaves B 1 H 31-26-37 No C-116
" 2 A " "

SCARBOROUGH YATES SEVEN RIVERS CONT'D.

GENERAL AMERICAN OIL CO. OF TEXAS
J.S.Eaves B 1 B 31-26-37 No C-116

LONGHORN SERVICE & DRILLING CO.
Project (7 Units)
Pubco St. 1 H 32-26-37 2
Acreage factor .825
Wills Fed. 1 E 33-26-37 5
" 2 F " 6
" 4 G " 8
Acreage factor .900
" 3 D " Input
" 6 B " "
" 7 C " "

TOTAL 4 21
WOLFSON OIL CO.
Cash Fed. 1 E 29-26-37 No C-116

POOL TOTAL 51 1517

SCHARB BONE SPRING
(80 Acre Spacing)
Top Allowable 397 GOR Limit 2,000
ATLANTIC RICHFIELD CO.
Ora L. Jack(155) 1 K 5-19-35 155 722
State AZ(16) 1 A 6-19-35 16 625

TOTAL 2 171
BIG "6" DRILLING CO.
Ora Jackson
" (75) 1 E 5-19-35 75 987
" A (56) 1 M " 56 679
" (16) 2 C 8-19-35 16 438
Gene Dalmont
" (62) 1 I 6-19-35 62 516
Hooper B(78) 1 A 7-19-35 78 692

TOTAL 5 287
GULF OIL CORP.
Lea NU State
" (25) 1 I 12-19-34 25 320

HONDO OIL & GAS CO.
Hondo B St.(208) 1 O 6-19-35 208 394

HUMBLE OIL & REFINING CO.
Charles S. Alves
" (66) 1 B 7-19-35 66 470
" (251) 2 C " 251 410

TOTAL 2 317
MARATHON OIL CO.
State NPA(15) 1 L 6-19-35 15 492
Acreage factor .488

PENNZOIL UNITED, INC.
Dalmont (18) 1 M 1-19-34 18 787

READ & STEVENS, INC.
Hooper A(31) 1 I 7-19-35 31 677
Guy Hooper Com.
" (87) 1 K " 87 678
Marathon State Com.
" (90) 1 E 7-19-35 85 522

TOTAL 3 203
U. S. SMELTING, REFINING & MINING CO.
State B (5) 1 D 18-19-35 5 TSTM

POOL TOTAL 17 1249

SHOE BAR DEVONIAN
Top Allowable 473 No GOR Limit
ATLANTIC RICHFIELD CO.
Eidson C(2) 1 G 35-16-35 2

SHOE BAR DEVONIAN EAST
Top Allowable 630 GOR Limit 2,000
HAMON, JAKE L.
St.K-33 (175) 1 K 30-16-36 150 520
" (103) 2 N " 100 331
St.A-1320(365) 1 B 31-16-36 300 407

POOL TOTAL 3 550

SHOE BAR PENN
Top Allowable 327 GOR Limit 2,000
ATLANTIC RICHFIELD CO.
Ramco St.WN(7) 2 I 35-16-35 7 **9857
Eid.A WN(25) 3 L 26-16-35 20 440
" (49) 4 K " 35 734

POOL TOTAL 3 62

SHOE BAR PENN NORTH
Top Allowable 327 No GOR Limit
ATLANTIC RICHFIELD CO.
Danglade(6) 1 J 15-16-35 6

SHOE BAR WOLFCAMP
Top Allowable 327 GOR Limit 2,000
ASHMUN & HILLIARD
Eidson (13) 1 J 26-16-35 13 1692

SIETE SAN ANDRES
Top Allowable 70 GOR Limit 2,000
BROWN, H. L., JR.
Federal TM(22) 1 P 17-8-31 22 TSTM
Sunray St.(28) 1 E 16-8-31 28 "

POOL TOTAL 2 50

SKAGGS DRINKARD
Top Allowable 124 GOR Limit 2,000
TEXACO INC.
L.R.Kershaw(8) 9 B 13-20-37 8 **3889
" (3) 10 F " 3 667
E.H.B. Phillips B
" (6) 2 G 10-20-36 6 **2460
C.H.Weir A(10) 4 E 12-20-37 10 **4000
" (16) 8 F " 11 *22562
" (18) 11 G " 9 *28222
" B (30) 1 H 11-20-37 30 **6867
" (6) 5 G " 6 **2667
" (3) 7 J " 3 **3333
M.B.Weir B(48) 7 M 12-20-37 48 **3646
" (20) 9 O 12-20-37 20 **3250
" (20) 10 P " 20 1850

POOL TOTAL 12 174

SKAGGS GLORIETA
Top Allowable 94 GOR Limit 2,000
CONTINENTAL OIL CO.
Skaggs B(119) 1 D 12-20-37 94 TSTM
" (41) 5 C " 41 **2140

TOTAL 2 135
TEXACO INC.
Weir A (15) 4 E 12-20-37 15 **2267
" (25) 7 L " 25 1480
" (28) 8 F " 28 570
" (69) 9 K " 69 217
C.H.Weir B(19) 1 H 11-20-37 19 1000
" (12) 2 A " 12 1260
" (18) 4 I " 18 TSTM
M.B.Weir B(20) 8 N 12-20-37 20 500

TOTAL 8 206

POOL TOTAL 10 341

SKAGGS GRAYBURG

Top Allowable 70 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.						
B.M.Marcus		1	C	20-20-38	No C-116	
Fred Turner Jr.		A				
"	(7)	1	A	19-20-37	7	**5315
"	(4)	4	F	18-20-38	4	**4923
"	(7)	5	G	"	7	**8075
"	(60)	6	J	"	60	1133
"	(8)	8	P	"	8	**3199
"	(25)	14	I	"	25	1005
TOTAL		6			111	
COLLIER, DAVID C.						
Byers A		1	H	7-20-38	No C-116	
"		2	G	"	"	
"		1	E	8-20-38	"	
CONTINENTAL OIL CO.						
Project (46 Units)						
SEMU Permian		15	L	19-20-38	15	
"		16	H	30-20-38	21	
"		17	N	19-20-38	20	
"		19	B	30-20-38	24	
"		22	D	"	15	
"		24	P	24-20-37	20	
"		27	F	19-20-38	65	
"		29	H	24-20-37	35	
"		30	H	25-20-37	15	
"		33	D	19-20-38	30	
"		34	J	"	50	
"		38	B	24-20-37	10	
"		39	H	19-20-38	20	
"		41	P	13-20-37	Gas Well	
"		42	N	"	8	
"		43	L	"	5	
"		47	P	14-20-37	5	
"		48	H	"	5	
"		73	B	19-20-38	30	
"		74	N	18-20-38	15	
"		75	O	"	30	
"		77	L	"	25	
"		78	B	19-20-38	S.I.	
"		80	J	13-20-37	25	
"		81	P	19-20-38	15	
"		14	I	24-20-37	Input	
"		18	K	19-20-38	"	
"		20	M	19-20-38	"	
"		37	J	24-20-37	25	
"		89	P	13-20-37	1	
"		21	O	19-20-38	Input	
"		23	C	30-20-38	"	
"		25	A	25-20-37	"	
"		26	E	30-20-38	"	
"		28	E	19-20-38	"	
"		31	C	"	"	
"		32	G	"	"	
"		35	G	24-20-37	"	
"		36	A	"	"	
"		40	I	19-20-38	"	
"		44	M	13-20-37	"	
"		45	O	"	"	
"		46	I	14-20-37	"	
"		49	E	20-20-38	"	
"		76	M	18-20-38	"	
"		78	I	13-20-37	"	
"		79	G	"	"	
TOTAL		25			529	
SUNSET INTERNATIONAL PET. CORP.						
Turner	(7)	2	O	6-20-38	7	1000
Weir	(7)	1	J	"	7	1000
TOTAL		2			14	
TEXACO INC.						
Project (21.75 Units)						
Skaggs Grayburg Unit						
"		2	J	12-20-37	15	
"		4	L	7-20-38	15	
Acreage factor 1.025						
"		6	N	12-20-37	34	
"		8	P	"	6	
"		10	N	"	2	
"		11	D	13-20-37	6	
"		13	B	"	5	
"		15	D	18-20-38	4	
Acreage factor 1.025						
"		16	C	"	3	
"		18	E	13-20-37	6	
"		19	F	18-20-38	45	
"		20	H	"	66	
"		1	K	12-20-37	Input	
"		3	I	"	"	
"		5	M	"	"	
"		7	O	"	"	
"		9	M	7-20-38	"	
Acreage factor 1.025						
"		12	C	13-20-37	"	
"		14	A	"	"	
"		21	A	18-20-38	"	
"		22	K	13-20-37	"	
TOTAL		12			207	
TEXACO INC.						
Skaggs Grayburg Unit						
"	(2)	17	B	18-20-38	2	TSTM
POOL TOTAL		46			863	

SPENCER PENN

Top Allowable 264 GOR Limit 2,000

PENNZOIL UNITED INC.						
State	(148)1-25	D		25-17-36	12	620

SPENCER SAN ANDRES

Top Allowable 70 GOR Limit 2,000

AZTEC OIL & GAS CO.						
State DS(28)		1	N	24-17-36	28	TSTM
"	(60)	2	K	"	60	"
"	(62)	4	K	"	62	"
"	(48)	5	M	"	48	"
"	(61)	6	O	"	61	"
"	(30)	7	P	"	30	"
State SS(8)		2	G	"	8	"
POOL TOTAL		7			297	

STATELINE ELLENBURGER

(80 Acre Spacing)

Top Allowable 543 GOR Limit 2,000

CHEVRON OIL CO.						
Con.St.(90)		1	B	5-24-38	70	270
State 32(110)		1	N	32-23-38	90	TSTM
"	(120)	2	J	"	115	130
TOTAL		3			275	
CONTINENTAL OIL CO.						
State A(263)		1	H	5-24-38	235	304
"	(172)	2	C	"	130	572
TOTAL		2			365	
MARATHON OIL CO.						
McDonald State A/c-3B						
"	(91)	1	K	32-23-38	91	361
SECO PRODUCTION CO.						
Craw.St.(42)		1	N	4-24-38	30	214
Acreage factor 1.175						
"	(31)	2	L	"	26	193
"	(22)	3	D	"	20	227
TOTAL		3			76	

STATELINE ELLENBURGER CONT'D.
TENNECO OIL CO.
St.U Com(40) 1 F 4-24-38 40 TSTM
Acreage factor 1.175

POOL TOTAL 10 847

TATUM WOLFCAMP
(80 Acre Spacing)
Top Allowable 397 No GOR Limit
UNION OIL CO. OF CALIFORNIA
R.W.Duncan(19) 1 P 6-13-36 12
Turner (120) 1 D 5-13-36 50

POOL TOTAL 2 62

TEAGUE BLINEBRY
Top Allowable 94 GOR Limit 6,000
CONTINENTAL OIL CO.
Cline A-15(6) 2 M 15-23-37 5 833

COQUINA OIL CORP.
Texaco St.(107) 1 P 16-23-37 50 1355

DAMSON EXPLORATION CORP.
Saltmount(26) 1 P 21-23-37 20 2680
" (27) 2 O " 20 3120

TOTAL 2 40
GULF OIL CORP.
W.H.Elson(22) 1 K 21-23-37 20 2000
C. E. LaMunyon
" (23) 14 K 22-23-37 20 1958
" (14) 16 G 27-23-37 12 1214
" (12) 20 M 22-23-37 9 3583
" (45) 21 A 28-23-37 30 1978
" (12) 22 N " 12 1083
" (8) 23 B " 8 1375
" (13) 24 D 27-23-37 13 4692
" (37) 25 L 22-23-37 25 **14865
" (16) 26 F 27-23-37 16 1188
" (56) 27 F 22-23-37 45 2303
" (27) 28 N " 20 **6963
" (28) 29 H 28-23-37 28 1679
" (33) 30 E 22-23-37 29 **6758
" (14) 32 C 28-23-37 14 2000
" (23) 33 G " 23 1304
" (47) 34 E 27-23-37 35 1404
" (10) 35 F 22-23-37 10 1400
" (7) 36 E 21-23-37 7 2286
" (62) 37 H " 50 3161
" (8) 38 F 28-23-37 8 625
" (7) 39 C 27-23-37 7 **8714
" (54) 40 C 21-23-37 44 4222
" (83) 42 A " 50 2578
" (7) 43 D " 7 711
" (86) 44 D 22-23-37 65 2047
M.K.Stewart(28) 2P 28-23-37 23 4143
" (8) 3 O " 8 3250
" (22) 4 I " 20 1318
" (19) 5 J " 19 1579
" (1) 6 K " 1 2000
TOTAL 31 678
IMPERIAL AMERICAN MANAGEMENT CO.
E.C.Hill A(20) 2 J 27-23-37 20 3650
Elk St. (26) 1 N 16-23-37 22 3420
" (32) 2 M " 30 3250
" (27) 3 L " 23 3165
Elson (10) 1 L 21-23-37 7 1880
Fanning A(100) 1 B 33-23-37 94 2170
Fanning B(25) 1 A " 22 2553
" B (12) 2 N " 10 **7800
" (15) 3 K " 13 **8800
" C (12) 1 M " 12 660
" (27) 2 L " 27 800
Seeton (100) 1 G 21-23-37 70 2560
" (85) 2 B " 55 4110
Travis (38) 2 J " 30 **10420

IMPERIAL AMERICAN MANAGEMENT CO. CONT'D.
Travis (36) 3 I 21-23-37 34 **10130

TOTAL 15 469
KING RESOURCES CO.
Hughes B-3(8) 1 P 17-23-37 5 125

RESLER & SHELDON
Fanning (20) 6 H 33-23-37 12 2050

TEXACO INC.
N.M.BZ State NCT-8
" (36) 12 O 16-23-37 36 **6800
" (15) 15 J " 12 1533
N.M.DC St.(9) 1 K " 7 889

TOTAL 3 55

POOL TOTAL 55 1314

TEAGUE DEVONIAN
Top Allowable 164 No GOR Limit
CARTER FOUNDATION PRODUCTION CO.
E.C.Hill D(6) 1 A 34-23-37 4
" (14) 3 D 35-23-37 8

POOL TOTAL 2 12

TEAGUE ELLENBURGER
Top Allowable 264 No GOR Limit
CARTER FOUNDATION PRODUCTION CO.
E.C.Hill E(562) 1 A 34-23-37 30
" (87) 2 H " 25

POOL TOTAL 2 55

TEAGUE GRAYBURG
Top Allowable 70 GOR Limit 2,000
RESLER & SHELDON
May B (2) 1 L 21-23-37 1 **47000

TEAGUE SIMPSON
Top Allowable 264 GOR Limit 2,000
CARTER FOUNDATION PRODUCTION CO.
Project (6 Units)
E.C.Hill M 1 H 34-23-37 40
" 3 B " 30
" 4 A " 40
" 5 E 35-23-37 10
" 2 B 34-23-37 Input
" 6 G " "

TOTAL 4 120
GULF OIL CORP.
Project (8 Units)
C.E. LaMunyon 6 A 28-23-37 26
" 7 M 22-23-37 95
" 11 C 27-23-37 45
" 12 E " 29
" 9 D " Input
" 8 N 22-23-37 "
" 10 L " "
" 13 F 27-23-37 "

TOTAL 4 195

POOL TOTAL 8 315

TEAS BONE SPRING
Top Allowable 264 No GOR Limit
ATLANTIC RICHFIELD CO.
MaHaffey Federal ARC
" (25) 1 C 14-20-33 18

TEAS YATES SEVEN RIVERS
Top Allowable 70 No GOR Limit
ANADARKO PRODUCTION CO.
Teas Yates Unit
Tr. 1 (15) 1 E 18-20-34 6
Tr. 2 (76) 1 F 13-20-33 8

TEAS YATES SEVEN RIVERS CONT'D.

ANADARKO PRODUCTION CO. CONT'D.							
Tr. 2	(40)	2	D	13-20-33	3		
Tr. 3	(20)	3	H	"	10		
Tr. 4	(35)	1	G	"	15		
Tr. 5	(16)	2	C	14-20-33	8		
"	(10)	3	F	"	5		
Tr. 6	(32)	1	L	"	4		
Tr. 7	(49)	1	K	"	4		
Tr. 8	(47)	2	E	13-20-33	6		
Tr. 9	(17)	1	N	14-20-33	6		
Tr. 10	(66)	1	H	14-20-33	4		
"		2	G	"	3		
Tr. 11	(31)	1	B	"	4		
Tr. 12		1	A	15-20-33	3		
Tr. 13	(13)	1	M	11-20-33	2		
TOTAL	16				91		
GETTY OIL CO.							
Government N							
"	(10)	2	N	19-20-34	7		
TENNECO OIL CO.							
C.L.Loomis A							
"	(44)	1	F	23-20-33	20		
"	(42)	2	K	"	19		
TOTAL	2				39		
POOL TOTAL	19				137		

TEAS YATES SEVEN RIVERS WEST

Top Allowable 70 GOR Limit 2,000

ATLANTIC RICHFIELD CO.						
Lea St.886(7)	1	F	16-20-33	7		TSTM
" (7)	2	B	"	7		TSTM
" (57)	3	E	"	50		"
TOTAL 3				64		
CITIES SERVICE OIL CO.						
State BF(90)	1	G	16-20-33	70		TSTM
" (10)	2	K	"	10		"
TOTAL 2				80		
HANSON OIL CORP.						
Atl.St.(20)	1	C	16-20-33	10		TSTM
READ & STEVENS, INC.						
Snyder (59)	1	J	16-20-33	30		TSTM
POOL TOTAL 7				184		

TERRY BLINEBRY

Top Allowable 94 GOR Limit 6,000

ANTWEIL, MORRIS R.						
DeKalb (7)	1	P	32-20-38	7		TSTM
AZTEC OIL & GAS CO.						
State (11)	3	M	2-21-37	11		**15636
" (5)	6	D	"	5		**19600
" (5)	7	C	"	5		**17200
" (8)	8	E	"	8		**14750
TOTAL 4				29		
CONTINENTAL OIL CO.						
Hawk B-3(12)	14	A	3-21-37	12		.3167
Acreage factor .950						
" (7)	15	B	"	7		3714
Acreage factor .950						
" (2)	16	C	"	2		**7000
Acreage factor .950						
" (5)	17	D	"	5		5600
Acreage factor .950						
" (10)	18	G	"	10		4900
Hawk B-3 (8)	19	H	"	8		2875
" (8)	20	P	"	8		3100
" (4)	23	A	4-21-37	4		5000
Acreage factor .950						

(105)

CONTINENTAL OIL CO. CONT'D.						
Hawk B-4(8)	1	F	4-21-37	8		2630
Hill,E.C.(6)	1	K	"	6		**6150
L'ht.B-11(12)	2	D	11-21-37	12		4200
" (16)	3	E	"	16		5800
" (8)	4	C	"	8		2250
" (13)	7-9	A	"	13		1540
" (5)	8	O	"	5		**28000
" (15)	10	H	"	15		5800
" (11)	11	I	"	11		**7545
" (10)	12	B	"	10		**15500
" (8)	13	P	"	8		**17000
" (12)	14	G	"	12		**16667
" (26)	15	J	"	26		2540
" (32)	16	F	"	32		**10200
L'ht.B-12(4)	6	C	12-21-37	4		3750
" (11)	1-7	D	"	11		3080
" (5)	8	F	"	5		4400
" (3)	9	G	"	3		TSTM
" (5)	10	B	"	5		4800
L'ht.B-13A(5)	1	M	13-21-37	5		**28000
" (5)	2	E	"	5		**31800
" (6)	3	F	"	6		1500
" (16)	5	N	"	16		3900
" (6)	8	L	"	6		**32000
" B-14 A(5)	1	H	14-21-37	5		**81400
" (8)	2	P	"	8		4500
" (8)	3	A	"	8		4500
" (6)	4	I	"	6		5700
War.Ut.B1.(13)	12N		34-20-38	13		5115
"	14	M	"	No C-116		
" (7)	16	O	33-20-38	7		**7571
" (6)	17	I	"	6		3415
" (15)	18	L	34-20-38	15		4100
" (9)	19	H	33-20-38	9		**12300
" (4)	20	E	34-20-38	4		**11500
" (2)	21	B	33-20-38	2		**15900
TOTAL 44				387		
ELLIOTT OIL CO.						
Elliott (5)	5	U	1-21-37	5		2640
" (7)	6	V	"	7		2000
Ell.B Fed.(10)	1	M	"	10		4820
" (4)	2	N	"	4		**10500
" (5)	3	W	"	5		4980
" (4)	4	L	"	4		4100
" (5)	5	K	"	5		**6380
Humb.Fed.(2)	1	X	"	2		**8000
TOTAL 8				42		
GULF OIL CORP.						
N.Keenum(30)	1	J	14-21-37	30		**8600
" (8)	2	O	"	8		**12625
H. Leonard NCT-F						
" (7)	6	O	2-21-37	7		4286
" (10)	8	X	"	10		**13500
" (3)	9	Q	"	3		**14000
" (8)	10	G	"	8		**7500
" (4)	11	P	"	4		**7500
" (4)	12	I	"	4		**8000
" (4)	14	J	"	4		**11250
" (3)	16	H	"	3		4667
" (7)	18	R	"	7		**32857
" (12)	19	W	"	12		**35833
N.Steph.(5)	1	D	23-21-37	5		**51800
" (6)	2	E	"	6		**24500
TOTAL 14				111		
IMPERIAL AMERICAN MANAGEMENT CO.						
Federal H.T.(5)	1R		1-21-37	5		**7720
MOBIL OIL CORP.						
Steph.Est.(4)	1	L	24-21-37	4		**13500
" (5)	2	M	"	5		**22400
TOTAL 2				9		

TERRY BLINEBRY CONT'D.

MORAN OIL PRODUCING & DRILLING CO.					
Dauron	(4)	1 E	1-21-37	4	**7000
SHELL OIL CO.					
Chesher	(4)	1 K	12-21-37	4	5500
"	(10)	2 M	"	10	**12700
Coll	(4)	1 J	"	4	3750
"	(10)	2 L	"	10	12800
Fields	(4)	1 O	"	4	1750
Plumlee	(3)	1 N	"	3	4667
Smith	(17)	2 B	14-21-37	17	**13647
"	(10)	3 G	"	10	**49600
St.Sec.2	(10)	8 L	2-21-37	10	**19500
"	(14)	16-17K	"	14	**13071
"	(7)	18 N	"	7	5143
"	(10)	19 S	"	10	**19100
"	(9)	20 V	"	9	**30222
"	(10)	21 T	"	10	**7300
"	(9)	22 U	"	9	**7778
Tay.Glenn	(6)	3 I	3-21-37	5	*111167
"	(7)	7 H	4 21-37	7	**26571
"	(10)	8 E	3-21-37	10	**8300
"	(8)	9 F	"	8	**47625
TOTAL	20			161	
SUMMIT ENERGY, INC.					
Gulf Bunin	(7)	2 C	13-21-37	7	**6043
"	(3)	3 B	"	3	**7833
"	(12)	4 D	"	12	5767
Gulf Hill	(6)	2 N	4-21-37	6	**28467
"	(8)	3 O	"	8	**24200
TOTAL	5			36	
TENNECO OIL CO.					
Ell.Fed.	(20)	1 T	1-21-37	20	TSTM
"	(15)	2 S	"	15	"
TOTAL	2			35	
POOL TOTAL	102			826	

TOBAC PENN
(80 Acre Spacing)
Top Allowable 334 GOR Limit 2,000

ATLANTIC RICHFIELD CO.					
Mona Fed.	(22)	2 K	17-8-33	18	1864
"	(22)	3 N	"	18	**2409
"	(16)	4 P	"	14	**12375
TOTAL	3			50	
BEREN CORP.					
Levick St.	(52)	1 I	20-8-33	50	221
"	(65)	2 G	"	60	**5123
"	(75)	3 A	"	75	152
TOTAL	3			185	
CABOT CORP.					
McAlester State Com.					
"	(63)	1 O	20-8-33	50	317
McAlester B State Com.					
"		1 L	28-8-33	No C-115	
Signal St.	(11)	1 A	29-8-33	8	**2727
"	(12)	2 F	"	8	**2000
"	(8)	3 J	"	6	**2375
TOTAL	4			72	
HOLDER, A. C.					
State	(35)	1 E	28-8-33	30	**2114
HUMBLE OIL & REFINING CO.					
N.M.BW St.	(79)	1 K	20-8-33	70	**2170
"	(25)	2 F	"	23	**3050
"	(83)	3 C	"	80	**4867
"	(20)	6 J	21-8-33	20	150
N.M.BX St.	(20)	1 M	16-8-33	20	**2400
HUMBLE OIL & REFINING CO. CONT'D.					
Tobac State Oil Com.					
"	(47)	1 D	21-8-33	41	1920
" A	(55)	1 L	20-8-33	50	330
TOTAL	7			304	
INGRAM, TOM L.					
Garretson	(55)	1 A	25-8-32	50	439
McALESTER FUEL CO.					
State KD	(25)	1 D	28-8-33	25	153
PHILLIPS PETROLEUM CO.					
Davis N	(34)	1 F	18-8-33	32	**4670
"	(28)	2 K	"	26	**5010
TOTAL	2			58	
SIGNAL OIL & GAS CO.					
State 29	(60)	1 C	29-8-33	40	212
"	(5)	2 H	"	3	TSTM
State 30	(60)	1 H	30-8-33	40	1222
TOTAL	3			83	
SUNSET INTERNATIONAL PET. CORP.					
Hum.A St.	(28)	1 M	21-8-33	20	1500
"	(2)	2 E	"	2	**2000
TOTAL	2			22	
POOL TOTAL	27			879	

TODD LOWER SAN ANDRES
(80 Acre Spacing)
Top Allowable 140 GOR Limit 2,000

AMOCO PRODUCTION CO.					
Peterson A Federal					
"	(16)	1 M	29-7-36	16	250
"		2 L	"	No C-116	
Spradley Federal					
"	(40)	1 O	"	40	750
Solsbery Federal Oil Com.					
"	(72)	1 P	"	72	69
TOTAL	3			128	
FRANKLIN, ASTON & FAIR, INC.					
Atlantic Smith State					
"	(10)	1 J	31-7-36	10	1500
"	(12)	2 I	"	12	**2000
Cook St.	(5)	1 L	32-7-36	5	1600
Gates St.	(25)	1 D	"	25	1680
"	(38)	3-F,2C	"	38	1605
Livaudais Federal					
"	(5)	1 M	30-7-36	5	1000
Acreage factor .925					
Livaudais Federal					
"	(8)	2 L	"	8	1500
Acreage factor .963					
"	(3)	3 C	"	3	**4333
"	(5)	4 F	"	5	1400
Acreage factor .963					
"	(17)	5 P	"	17	**2470
Mark Fed.	(7)	6 P	25-7-35	7	1142
"	(11)	7 H	"	11	909
Skelly Smith State					
"	(17)	1 B	31-7-36	17	1823
"	(89)	3-2 AH	"	74	*3808
Val State	(16)	1 J	30-7-35	16	1875
"	(24)	2 B	"	24	**4291
TOTAL	18			277	
GULF OIL CORP.					
Roosevelt AN State					
"	(51)	1 B	32-7-36	51	608
"	(25)	2 G	"	25	80
TOTAL	2			76	

TODD LOWER SAN ANDRES CONT'D.

HOLDER, A. C.					
State BC(15)	1	L	31-7-36	15	**2000
Acreage factor .925					
Atlantic St.(6)	1	K	31-7-36	6	**3000
TOTAL	2			21	
SKELLY OIL CO.					
Hobbs R(10)	1	C	31-7-36	10	700
" (2)	2	E	"	2	TSTM
Hobbs Z (6)	1	O	19-7-36	6	1333
Linam A Com.(3)	1	P	"	3	TSTM
TOTAL	4			21	
SUN OIL CO.					
N.M.St.AY(14)	1	B	36-7-35	14	**2771
" (10)	2	A	"	10	**2060
" (6)	3	F	"	6	**12350
" (27)	4	J	"	27	**3433
" (7)	5	E	"	7	**3014
" (8)	6	I	"	8	**4950
TOTAL	6			72	
TEXACO INC.					
State N.M. CT					
" (10)	2H,1A		35-7-35	10	1260
" (12)	3	F	"	12	850
" (9)	6	G	"	9	1222
" (10)	7	E	"	10	1130
TOTAL	5			41	
POOL TOTAL	40			636	

TODD WOLFCAMP

Top Allowable 146 GOR Limit 2,000

TEXACO INC.					
M. A. Cunningham Federal NCT-1					
" (113)	1	E	26-7-35	113	135
L.Harris Federal					
" (132)	1	I	22-7-35	132	61
Roland McLean Federal					
" (25)	1	H	23-7-35	25	TSTM
POOL TOTAL	3			270	

TOM-TOM SAN ANDRES

Top Allowable 70 No GOR Limit

AMOCO PRODUCTION CO.					
Miller Fed.					
" (16)	1	P	34-7-31	15	
" (9)	2	J	"	6	
" (6)	3	H	"	4	
" (19)	5	F	"	14	
POOL TOTAL	4			39	

TONTO YATES SOUTH

Top Allowable 70 No GOR Limit

HUDSON, WILLIAM A. & EDWARD R.					
Federal 19	1	N	19-19-33	6	
Sig.Ross Fed.	1	B	30-19-33	2	
"	3	C	"	2	
"	4	D	"	2	
Acreage factor 1.025					
TOTAL	4			12	
J & H PRODUCTION CO.					
Big Circle	2	P	24-19-32	4	
"	3	O	"	3	
TOTAL	2			7	
POOL TOTAL	6			19	

TONTO YATES SEVEN RIVERS WEST

Top Allowable 70 No GOR Limit

HUDSON & HUDSON					
Federal 18	2	F	18-19-33	70	
" (4)	4	H	"	3	
POOL TOTAL	2			73	

TOWNSEND WOLFCAMP

Top Allowable 327 GOR Limit 2,000

AMOCO PRODUCTION CO.					
State AG(37)	2	A	10-16-35	37	1514
ANTWEIL, MORRIS R.					
N.M.AN St.(17)	1	G	36-19-34	15	478
ASHMUN & HILLIARD					
State 8 (26)	4	H	8-16-35	23	**3425
" (18)	6	N	"	15	**3220
" (32)	8	K	"	30	**3375
TOTAL	3			68	
ATLANTIC RICHFIELD CO.					
J.R.Price(7)	1	P	31-15-35	7	**6571
CABOT CORP.					
N.M.F St.(14)	1	L	4-16-35	12	**6214
CENARD OIL & GAS CO., INC.					
State TA	1	Q	4-16-35	No C-116	
" (22)	3	V	3-16-35	22	**9870
State TB(22)	1	V	2-16-35	22	**5010
State TD(25)	1	W	"	22	**2432
" (20)	3	X	"	19	**2680
TOTAL	4			85	
GILLESPIE, CHARLES B., JR.					
Snyder A (8)	1	T	6-16-36	8	940
Acreage factor .925					
Snyder B(13)	1	I	"	13	1840
" (45)	2	J	"	45	**2040
Snyder C(56)	1	H	"	56	**2210
Snyder D(9)	1	F	"	9	**2410
Snyder E(7)	1	B	"	7	1820
Acreage factor 1.275					
Snyder F(10)	1	C	5-16-36	10	860
State B (17)	1	P	1-16-35	17	**3950
" (6)	2	O	"	6	**3670
" (19)	4	J	"	19	**4200
State C (12)	1	R	"	12	**3600
" (24)	2	O	"	24	**3370
State D (10)	1	U	"	10	1640
" (18)	5	S	"	18	**2870
TOTAL	14			254	
GULF OIL CORP.					
G.Dear.(16)	1	F	3-16-35	16	**7688
H.Townsend(14)	1	J	9-16-35	14	**3143
" (3)	2	I	"	3	**3000
TOTAL	3			33	
HUMBLE OIL & REFINING CO.					
H.A. Townsend A/c-2					
" (56)	7	K	9-16-35	56	**2071
" (19)	9	M	"	19	474
TOTAL	2			75	
MOBIL OIL CORP.					
N.M. I (14)	1	L	2-16-35	14	**3286
PHILLIPS PETROLEUM CO.					
Hamilton A(8)	1	L	35-15-35	8	925
SOUTHERN PETROLEUM EXPLORATION CO.,INC.					
Mach. 36-3	1	W	3-16-35	No C-116	

TOWNSEND WOLFCAMP CONT'D.
SOUTHERN UNION PRODUCTION CO.
Super.St.(9) 1 J 36-16-35 9 **5555

TEXAS PACIFIC OIL CO., INC.
State J (10) 1 L 10-16-35 10 **4500
State T(88) 1 M 6-16-36 88 **2636
Acreage factor .925
" (22) 3 N " 22 1500

TOTAL 3 120
UNION OIL CO. OF CALIFORNIA
Lea A St. 1 D 10-16-35 No C-116
" (25) 3 E " 25 **4800

POOL TOTAL 37 762
TRES PAPALOTES PENN
(160 Acre Spacing)
Top Allowable 537 GOR Limit 2,000
LONE STAR PRODUCING CO.
N.M.(80) State
" (474) 1 B 33-14-34 474 753
N.M.(86) State
" (345) 1 F " 345 845
N.M.(87) State
" (395) 1 K " 395 1281

TOTAL 3 1214
SUN OIL CO.
N.M. U State
" (92) 1 D 34-14-34 92 TSTM

POOL TOTAL 4 1306
TRISTE DRAW DELAWARE
Top Allowable 94 No GOR Limit
P & M DRILLING CO.
James Fed.(7) 2 B 35-23-32 6
Payne Fed.(15) 1 F " 12
" (16) 2 C " 13
" (14) 3 L " 11

TOTAL 4 42
TRIGG, JOHN H.
Federal WL(7) 1 G 35-23-32 5
" (5) 2 H " 3
" (3) 3 P 26-23-32 1
" (8) 4 O " 7

TOTAL 4 16
UNION OIL CO. OF CALIFORNIA
Federal L(6) 1 P 34-23-32 3

POOL TOTAL 9 61
TUBB OIL
Top Allowable 124 GOR Limit 2,000
AMERADA DIVISION-AMERADA HESS CORP.
E.W.Walden(3) 5 L 15-22-37 3 **59018

AMOCO PRODUCTION CO.
S.Roy.A(1) 3 V 4-21-37 1 **3382
" (4) 8 W " 4 **1909
St.C Tr.13(8) 9 F 36-21-37 7 *36739

TOTAL 3 12
ATLANTIC RICHFIELD CO.
A.M.York(4) 2 A 20-21-37 4 1000

AZTEC OIL & GAS CO.
Gutman(11) 1 L 11-21-37 11 **2200

CARTER FOUNDATION PRODUCTION CO.
E.M.Ell.Fed.(13) 3 C 22-22-37 13 **2689

CITIES SERVICE OIL CO.
Brunson B(4) 1 I 4-22-37 4 TSTM

CONTINENTAL OIL CO.
Hawk B-1(5) 5 K 9-21-37 5 **7000
Hawk B-3(4) 8 P 3-21-37 4 **3500
Hawk B-10(4) 9 B 10-21-37 4 **2500
L'ht.A-17(3) 4 A 17-21-37 3 **9333
State 10(4) 3 D 10-21-37 2 *106500

TOTAL 5 18
GULF OIL CORP.
H.V.Pike(2) 1 B 6-23-38 2 **27500
Acreage factor 1.125

HUMBLE OIL & REFINING CO.
J.L.Greenwood
" (1) 13 L 9-22-37 1 **39000
N.M. V St.(6) 11 K 10-21-37 6 **42167

TOTAL 2 7
MABEE ROYALTIES, INC.
Belcher (10) 1 M 7-22-38 6 *38766
Belcher A(10) 1 N " 10 **4113

TOTAL 2 16
MOBIL OIL CORP.
Brun.Argo(4) 13 A 9-22-37 4 **34500

MORAN OIL PRODUCING & DRILLING CO.
Xmas (10) 1 H 29-22-38 10 1800

NORMAN, D. M.
McCall. (23) 1 E 7-22-38 23 1220

PEERY, J. W.
L'ht. (11) 1 L 17-21-37 11 **13177

PHILLIPS PETROLEUM CO.
Sims (15) 5 L 24-22-37 15 **3100

SHELL OIL CO.
Livingston(11) 11M 3-21-37 11 **19818
St.Sec.2(3) 4 U 2-21-37 3 **6333
" (4) 11 L " 4 **8750
" (5) 15 K " 5 **22600

TOTAL 4 23
SOHIO OIL CO.
McCall. 1 D 7-22-38 No C-116

TEXAS PACIFIC OIL CO., INC.
Belcher (5) 1 L 7-22-38 5 **37800
Sarkeys (3) 2 D 25-21-37 3 **68333

TOTAL 2 8
TEXACO INC.
A. H. Blinebry Federal NCT-1
" (2) 20 E 20-22-38 2 **11000
" Bat.#3(4) 11 L 28-22-38 4 750
" (4) 24 E " 4 200
" (2) 25 N " 2 **2200
" (2) 27 K " 2 420
Acreage factor 1.150
" (6) 33 D " 6 363
C. H. Lockhart Federal NCT-1
" (5) 2 D 18-22-38 5 **14300
" (17) 4 J " 17 **8118
" (12) 5 C " 12 *20500
" (3) 6 G " 3 **15000
M.Weatherly(22) 2E 17-21-37 22 **4500

TOTAL 11 79

POOL TOTAL 40 263

TULK PENN
(160 Acre Spacing)
Top Allowable 334 GOR Limit 2,000

BELL PETROLEUM CO.					
DeSoto State					
"		1 D	35-14-32	No C-116	
CHAMPLIN PETROLEUM CO.					
State 33'		1 J	33-14-32	No C-116	
COASTAL STATES GAS PRODUCING CO.					
State 23 Com.					
"	(75)	1 K	23-14-32	75	253
State 26 (90)		1 D	26-14-32	90	422
St.26 Com.(95)		3 L	"	95	421
State 27(35)		1 H	27-14-32	35	286
" 34	(35)	1 H	34-14-32	35	TSTM
TOTAL		5		330	
POOL TOTAL		5		330	

TULK WOLFCAMP
Top Allowable 264 No GOR Limit

PHILLIPS PETROLEUM CO.					
Chem.St.(254)		1 A	4-15-32	20	
Acreage factor 1.200					
"	(13)	2 H	3-15-32	6	
"	(102)	3 F	4-15-32	30	
"	(280)	4 I	"	85	
"	(82)	5 K	3-15-32	55	
TOTAL		5		196	
TEXACO INC.					
St.AS NCT-1(33)		1A	6-15-32	30	
Acreage factor 1.175					
"	(55)	2 D	5-15-32	50	
Acreage factor 1.175					
TOTAL		2		80	
POOL TOTAL		7		276	

TULK UPPER WOLFCAMP SOUTH
Top Allowable 264 No GOR Limit

GREAT WESTERN DRILLING CO.					
Town	(28)	1 C	18-15-35	23	

VACUUM (G-SA)
Top Allowable 70 GOR Limit 2,500

AMERADA DIVISION-AMERADA HESS CORP.					
State VA(7)		1 N	23-17-34	7	**2642
"	(36)	2 L	"	36	108
State VB(165)		1 K	36-17-34	70	1515
State VA		3 K	23-17-34	Input	
"		6 M	"	"	
TOTAL		3		113	
ATLANTIC RICHFIELD CO.					
State 197(3)		1 P	6-17-34	3	487
State A-DE(33)		1 M	22-17-35	25	**5121
"	(14)	2 N	"	10	**6500
State B-1576(88)		1L	32-17-35	68	*2575
"	(83)	2 M	"	70	1614
"	(88)	3 K	"	70	1864
"	(40)	4 N	"	40	**3125
State B-1578(3)		1F	30-17-35	3	**5667
"	(3)	2 C	"	2	**4333
State B-TG(3)		1 D	32-17-34	3	**4333
"	(11)	2 F	"	9	2091
"	(6)	3 E	"	5	2333
"	(6)	4 C	"	5	1500
St.C-DE(4)		1 P	24-17-34	4	2000
St.C-TG(18)		1 I	32-17-34	18	1158
"	(4)	2 J	"	4	**6250
"	(5)	3 K	"	5	1000
ATLANTIC RICHFIELD CO. CONT'D.					
St.C-TG(5)		4 P	32-17-34	5	800
"	(8)	5 O	"	8	1704
"	(4)	6 L	"	4	**2750
"	(9)	7 N	"	9	603
"	(12)	8 M	"	9	1000
St.E-DE(5)		1 O	24-17-34	5	**5400
St.E-DE(28)		2 J	24-17-34	25	893
St.E-TG(4)		1 G	36-17-33	4	500
St.F-TG(4)		1 F	"	4	750
"	(16)	2 H	"	14	1188
"	(6)	3 B	"	6	1000
"	(7)	4 E	"	7	1000
"	(3)	5 A	"	3	**4666
St.J-DE(5)		1 N	19-17-35	5	200
St.L-DE(5)		1 B	30-17-35	5	1400
St.M-DE(40)		1 O	29-17-35	40	1850
"	(11)	2 J	"	11	**5273
"	(47)	3 P	"	47	**2702
"	(40)	4 I	"	40	**4500
St.W-DE(100)		1 J	26-17-35	70	500
"		2 O	"	No C-116	
TOTAL		37		665	
AZTEC OIL & GAS CO.					
State VE(18)		1 P	31-17-36	15	1761
COLLIER, DAVID C.					
Gulf St.(8)		2 F	21-17-34	6	**4375
BTA OIL PRODUCERS					
Union (7)		1 C	17-17-34	5	1680
Union A (12)		1 A	"	9	2000
TOTAL		2		14	
CENARD OIL & GAS CO.					
Lea A St.(4)		1 F	8-17-34	3	2375
"	(7)	2 K	"	5	2100
"	(7)	4 E	"	6	**3143
Lea B St.(5)		1 H	3-17-34	5	**9287
TOTAL		4		19	
CHEVRON OIL CO.					
State #3(38)		1 E	32-17-35	38	1013
"	(88)	2 D	"	70	1977
"	(81)	3 C	"	70	885
"	(87)	4 F	"	70	1371
State #4(96)		1 K	27-17-35	70	279
"	(85)	2 O	"	70	760
"	(86)	3 J	"	70	478
"	(81)	4 L	"	70	1480
State #5(8)		1 D	"	8	**3570
"	(44)	2 F	"	44	**3441
"	(50)	3 E	"	50	2277
"	(8)	4 C	"	8	**3570
State #6(87)		1 L	34-17-35	70	1384
"	(99)	2 K	"	70	366
"	(81)	3 M	"	70	550
" 6-34	(30)	10 N	"	30	677
"	(60)	12 J	"	60	595
TOTAL		17		938	
CITIES SERVICE OIL CO.					
State K(65)		1 G	27-17-35	65	1405
"	(36)	2 H	"	36	720
"	(17)	3 B	"	17	1215
"	(20)	4 A	"	20	**3494
TOTAL		4		138	
CONTINENTAL OIL CO.					
State H-35(31)		1 H	35-17-34	25	1516
"	(60)	2 A	"	50	405
"	(31)	3 B	"	25	354
"	(7)	10-5 G	"	60	685
"	(12)	6 C	"	6	2216
TOTAL		6		166	

VACUUM (G-SA) CONT'D.

FOREST OIL CORP.					
B Lee St.	(37)	6 F	7-18-35	28	970
"	(33)	7 E	"	28	980
Acreage factor .950					
TOTAL		2		56	
DECK, MILLARD					
Carthay St.	(12)	2G	20-17-35	12	**8636
"	(19)	1 F	"	15	**4880
TOTAL		2		27	
GETTY OIL CO.					
State AN	(4)	11 B	7-18-35	4	TSTM
State BA	(65)	1 A	36-17-34	65	2246
"	(50)	2 B	"	50	**3140
"	(75)	3 D	"	70	813
"	(81)	4 C	"	70	1309
State BC	(90)	1 M	33-17-35	70	722
TOTAL		6		329	
GULF OIL CORP.					
Project (4 Units)					
Lea FE St.		1 F	11-17-34	2	
"		3 D	"	3	
"		2 C	"	Input	
"		4 E	"	"	
TOTAL		2		5	
HUMBLE OIL & REFINING CO.					
N.M.K St.	(77)	1 P	28-17-35	70	532
"	(8)	2 B	32-17-35	8	1500
"	(84)	3 I	28-17-35	34	1706
"	(88)	4 I	32-17-35	70	648
"	(81)	5 H	"	70	198
"	(88)	6 P	"	70	591
"	(81)	7 A	"	70	506
"	(7)	8 M	28-17-35	7	2143
"	(39)	9 N	"	39	**2538
"	(72)	10 O	"	70	1944
"	(34)	11 J	"	34	2235
"	(80)	12 J	32-17-35	70	200
"	(75)	13 K	28-17-35	70	1867
"	(7)	14 L	"	7	**2713
"	(90)	15 O	32-17-35	70	1078
"	(88)	16 G	"	70	852
TOTAL		16		829	
JOSALINE PRODUCTION CO.					
State C	(4)	1 J	19-17-35	4	TSTM
"	(1)	2 P	"	1	"
State E	(4)	1 A	30-17-35	4	"
State F	(3)	1 M	20-17-35	3	"
"	(3)	2 L	"	3	"
TOTAL		5		15	
KINCAID & WATSON DRILLING CO.					
Hale St.	(18)	1 E	31-17-34	12	TSTM
Acreage factor .875					
Hale St.	(25)	2 D	"	20	1800
Acreage factor .875					
TOTAL		2		32	
KOCH EXPLORATION CO.					
Miller St.	(6)	1 P	4-17-34	5	TSTM
MARATHON OIL CO.					
Bridges St.	(6)	1 A	20-17-34	6	**5897
McCall St.	(85)	1 N	25-17-34	70	2167
"	(58)	2 K	"	58	973
"	(74)	3 M	"	70	870
"	(77)	4 L	"	70	1009
Stap. St.	(16)	1 N	30-17-35	10	**5514
" 1	(51)	5 K	"	45	1778
" 2	(2)	1 F	19-17-35	2	TSTM

MARATHON OIL CO. CONT'D.

Warn. St. A/c-1					
"	(80)	1 F	31-17-35	70	920
"	(101)	2 K	"	70	1850
Warn. State A/c-2					
"	(86)	1 D	6-18-35	70	2026
"	(87)	2 C	"	70	1266
"	(82)	3 E	"	67	2050
Acreage factor .950					
"	(80)	4 F	"	70	2493
"	(83)	5 L	"	70	908
"	(84)	6 K	"	70	1720
"	(80)	7 M	"	70	1006
"	(84)	16 N	"	70	1316
State 3	(85)	1 H	33-17-35	70	1331
"	(83)	2 F	"	70	1707
"	(85)	3 G	"	70	1578
TOTAL		21		1238	
MOBIL OIL CORP.					
Bridges St.	(22)	12P	26-17-34	22	1140
"	(7)	14 G	25-17-34	7	TSTM
"	(17)	15 O	26-17-34	17	1364
"	(2)	16 B	25-17-34	2	**4550
"	(20)	25 I	26-17-34	20	**6800
"	(1)	26 N	"	1	TSTM
"	(20)	33 J	"	20	**6015
"	(3)	39 L	"	3	700
"	(1)	44 P	27-17-34	1	**8300
"	(1)	49 H	"	1	TSTM
"	(7)	86 P	3-17-34	7	1285
"	(10)	91 I	"	10	1360
"	(11)	92 O	"	11	1800
State H	(84)	1 D	31-17-35	67	1845
Acreage factor .950					
State I	(85)	1 L	36-17-34	70	300
State II	(1)	1 P	22-17-34	1	TSTM
State K	(87)	1 J	31-17-35	70	1587
"	(82)	2 I	"	70	1754
"	(81)	3 P	"	70	1049
"	(2)	6 L	18-17-35	2	TSTM
Acreage factor .950					
State I	(8)	1 N	21-17-35	8	1138
"	(8)	2 M	"	8	675
"	(4)	3 K	"	4	1675
State M	(84)	1 C	34-17-35	70	136
"	(87)	2 D	"	70	874
"	(87)	3 E	"	70	126
"	(87)	4 F	"	70	123
State N	(3)	1 E	19-17-35	3	TSTM
N.M. O	(3)	1 M	18-17-35	3	TSTM
State O	(88)	1 L	33-17-35	70	1367
State P	(4)	1 O	22-17-35	4	**5375
"	(3)	2 P	"	3	2033
"	(10)	4 A	26-17-35	10	TSTM
State X	(4)	1 A	7-17-34	4	**5850
"	(3)	2 H	"	3	**7166
"	(17)	3 G	"	17	2171
Santa Fe		10 C	24-17-34	Input	
TOTAL		36		889	
MOBIL OIL CORP.					
Project (56.33 Units)					
State Bridges		1 E	13-17-34	25	
"		8 J	23-17-34	75	
"		9 N	13-17-34	150	
"		10 F	23-17-34	77	
"		18 F	24-17-34	134	
"		19 D	"	151	
"		22 N	"	2	
"		23 L	"	200	
"		28 D	26-17-34	4	
"		34 N	14-17-34	53	
"		41 P	23-17-34	9	
"		45 D	13-17-34	10	

VACUUM (G-SA) CONT'D.

MOBIL OIL CORP. CONT'D.					
State Bridges	50N		12-17-34	34	
"	53	H	23-17-34	200	
"	54	P	14-17-34	34	
"	55	B	23-17-34	58	
"	57	D	"	40	
"	59	L	13-17-34	18	
"	60	H	14-17-34	18	
"	61	J	"	48	
"	65	F	"	39	
"	67	L	"	36	
"	68	P	15-17-34	35	
"	69	F	13-17-34	44	
"	70	B	14-17-34	12	
"	72	P	11-17-34	12	
"	75	J	"	4	
"	77	L	12-17-34	14	
"	80	B	13-17-34	3	
"	81	N	11-17-34	2	
"	84	B	12-17-34	1	
"	87	L	11-17-34	1	
"	88	J	12-17-34	4	
"	2	O	14-17-34	Input	
"	3	O	23-17-34	"	
"	5	C	26-17-34	"	
"	6	E	23-17-34	"	
"	7	G	"	"	
"	17	A	25-17-34	"	
"	20	E	24-17-34	"	
"	21	A	23-17-34	"	
"	24	M	13-17-34	"	
"	29	M	26-17-34	"	
"	31	C	23-17-34	"	
"	35	K	26-17-34	"	
"	37	K	14-17-34	"	
"	40	A	"	"	
"	42	O	27-17-34	"	
"	43	P	23-17-34	"	
"	30	G	26-17-34	"	
"	32	C	25-17-34	"	
"	46	C	13-17-34	"	
"	47	K	24-17-34	"	
"	48	I	27-17-34	"	
"	51	M	12-17-34	"	
"	52	A	27-17-34	"	
"	56	I	14-17-34	"	
"	62	M	"	"	
"	63	K	13-17-34	"	
"	64	C	14-17-34	"	
"	66	E	"	"	
"	73	G	13-17-34	"	
"	74	I	11-17-34	"	
"	76	O	"	"	
"	78	K	11-17-34	"	
"	79	K	12-17-34	"	
"	83	O	"	"	
"	85	G	"	"	
"	89	A	10-17-34	"	
"	93	J	3-17-34	"	
"	105	A	26-17-34	"	
"	107	E	13-17-34	"	
"	127	M	24-17-34	"	
"	132	E	26-17-34	"	
TOTAL	33			1547	
MOBIL OIL CORP.					
Project (3 Units)					
State G	1	B	24-17-34	55	
"	2	H	"	5	
"	3	G	"	Input	
TOTAL	2			60	

MOBIL OIL CORP.						
Project (4 Units)						
State J	2	J	22-17-34	5		
"	3	H	"	182		
"	1	L	"	Input		
"	4	A	"	"		
TOTAL	2			187		
PENNZOIL UNITED, INC.						
State A	1	M	1-17-34	No C-116		
"	2	N	"	"		
Phil.28 St.	(9)	1	A	28-17-35	7	**2593
"	(13)	2	F	"	10	2258
TOTAL	2			17		
PENROSE PRODUCTION CO.						
Southern Pet. State						
"	(2)	1	M	24-17-35	2	TSTM
PHILLIPS PETROLEUM CO.						
M.E.Hale	(89)	1	I	35-17-34	70	1043
"	(84)	2	K	"	70	203
"	(71)	3	P	"	70	1144
"	(87)	4	N	"	70	1184
"	(84)	5	J	"	70	301
"	(88)	10	O	"	70	447
Lea	(8)	3	B	31-17-34	8	TSTM
"	(6)	4	I	29-17-34	6	1468
"	(6)	5	P	"	6	1269
"	(4)	6	O	"	4	1532
"	(3)	11	K	"	3	1038
"	(3)	13	G	"	3	762
"	(2)	14	F	"	2	**7080
"	(2)	18	P	30-17-34	2	TSTM
"	(3)	20	O	"	3	"
"	(2)	21	M	29-17-34	2	"
Mable	(3)	2	D	35-17-34	3	396
"	(28)	3	E	"	28	2145
Santa Fe	(91)	1	E	31-17-35	70	700
"	(3)	2	O	30-17-35	3	**3636
"	(61)	3	E	5-18-35	61	827
"	(94)	4	O	31-17-35	70	827
"	(96)	5	L	"	70	900
"	(4)	6	O	21-17-35	4	1563
"	(86)	7	N	27-17-35	70	1650
"	(103)	8	D	5-18-35	70	1267
"	(8)	9	P	21-17-35	8	897
"	(57)	11	K	26-17-35	57	256
"	(3)	13	D	"	3	**2727
"	(2)	12	C	28-17-35	2	2353
"	(96)	18	B	34-17-35	70	577
"	(92)	20	M	27-17-35	70	1316
"	(86)	21	A	22-17-35	70	1930
"	(52)	23	M	26-17-35	52	502
"	(50)	24	A	34-17-35	50	594
"	(8)	25	J	30-17-35	8	2237
"	(14)	26	K	29-17-35	14	2020
"	(83)	27	G	34-17-35	70	800
"	(89)	28	K	33-17-35	70	565
"	(85)	29	E	"	70	1294
"	(97)	30	E	26-17-35	70	542
"	(91)	31	F	"	70	482
"	(101)	32	B	33-17-35	70	1502
"	(70)	33	A	5-18-35	70	1121
"	(16)	34	G	26-17-35	16	TSTM
"	(99)	35	N	33-17-35	70	830
"	(40)	36	C	5-18-35	40	1523
"	(89)	38	B	"	70	1798
"	(72)	39	D	4-18-35	70	846
"	(94)	41	C	26-17-35	70	458
"	(13)	42	H	26-17-35	13	138
"	(95)	43	D	"	70	35
"	(20)	44	H	34-17-35	20	757
"	(33)	48	D	23-17-35	33	363
(111) "	(2)	49	A	29-17-35	2	TSTM

VACUUM (G-SA) CONT'D.

PHILLIPS PETROLEUM CO. CONT'D.					
Santa Fe	(2)	51 F	28-17-35	2	**2778
"	(2)	52 G	29-17-35	2	2139
"	(5)	53 N	20-17-35	5	283
"	(3)	54 C	29-17-35	3	398
"	(10)	55 J	20-17-35	10	**3153
"	(3)	56 H	19-17-35	3	477
"	(17)	81 O	20-17-35	17	1131
"	(4)	82 K	"	4	1253
"	(2)	83 D	29-17-35	2	952
"	(3)	84 J	21-17-35	3	2381
"	(90)	93 G	5-18-35	70	386
"	(87)	110 L	26-17-35	70	244
"	(87)	111 H	5-18-35	70	1000
"	(81)	115 C	4-18-35	70	1957
" #2	(116)	118F	5-18-35	70	371
"		14 P	20-17-35	Input	
TOTAL		70		2677	
POLARIS PROD. CORP.					
Amerada St.	(24)	5L	22-17-35	18	**2583
Mobil St.	(7)	1 J	"	5	**3143
TOTAL		2		23	
SHELL OIL CO.					
State A	(74)	1 B	31-17-35	70	1000
"	(91)	2 G	"	70	857
"	(181)	3 H	"	70	856
"	(113)	4 A	"	70	655
State B	(38)	1 P	30-17-35	38	**3026
"	(5)	2 I	"	5	**8600
State D	(83)	1 M	31-17-35	70	1024
State E	(188)	1 N	"	70	830
State F	(19)	1 M	29-17-35	19	**2737
"	(26)	2 N	"	26	**3769
State H	(10)	1 L	29-17-35	10	2200
State N	(8)	1 B	28-17-35	8	**9375
"	(44)	2 H	"	44	**3841
"	(40)	3 G	"	40	**3000
State T	(144)	1 I	33-17-35	70	2465
"	(117)	2 J	"	70	880
"	(87)	3 O	"	70	1115
"	(27)	4 P	"	27	444
State V	(161)	1 I	27-17-35	70	460
"	(34)	2 P	"	34	1441
State VAA	(28)	5 L	5-18-35	28	1321
Swigart	(28)	1 I	25-17-34	28	1214
TOTAL		22		1007	
SKELLY OIL CO.					
State J	(51)	1 C	31-17-35	40	**3314
State P	(79)	1 D	33-17-35	70	873
"	(81)	2 C	"	70	1049
TOTAL		2		180	
SMITH, ROY H. DRILLING CO.					
Actec St.	(22)	1 N	15-17-34	22	150
SOHIO OIL CO.					
Hale St.	(8)	1 H	31-17-34	8	**2875
"	(7)	2 A	"	7	1714
Hum.St.	(20)	1 B	12-18-34	20	1150
"	(12)	2 A	"	12	727
Ohio St.	(19)	1 N	33-17-35	19	789
"		2 M	"	No C-116	
Phil.Lea	(33)	1 F	31-17-34	33	1455
"	(22)	2 G	"	22	1090
"	(29)	3 J	"	29	1655
"	(43)	5 L	"	43	1153
"	(33)	6 K	"	33	**2788
"	(75)	7 G	"	70	573
"	(22)	8 N	"	22	1454
TOTAL		12		318	

SUNSET INTERNATIONAL PETROLEUM CORP.					
Shell St.	(3)	1 D	20-17-35	3	1200
"	(3)	2 I	19-17-35	3	1200
TOTAL		2		6	
TEXACO INC.					
State AB	(11)	1 J	6-18-35	11	TSTM
"	(50)	6 I	"	50	832
"	(24)	7 O	"	24	729
"	(4)	8 P	"	4	TSTM
" AC	(71)	1 I	2-18-34	70	1267
"	(101)	2 J	"	70	920
St. AC-1	(65)	3 K	"	65	867
State AC	(60)	4 P	"	60	1018
"	(65)	5 O	"	65	1263
"	(40)	6 L	"	40	1250
"	(55)	7 N	"	55	1132
"	(56)	10 M	"	56	1435
State AE	(24)	2 C	12-18-34	24	TSTM
"	(32)	22 D	"	32	**5080
"	(2)	23 A	11-18-34	2	TSTM
State AO	(19)	1 I	31-17-34	19	905
"	(18)	2 P	"	18	728
St. N. M. CG NCT-1					
"	(18)	1 H	30-17-35	18	178
State D-1	(4)	2 E	27-17-34	4	775
State D-2	(6)	1 H	32-17-34	6	500
"	(23)	3 G	"	23	369
"	(22)	4 B	"	22	413
State L	(88)	1 G	1-18-34	70	459
"	(88)	2 A	"	70	1728
"	(88)	3 H	"	70	1875
"	(88)	4 B	"	70	1015
State M	(88)	1 F	"	70	1518
"	(88)	2 D	"	70	2385
"	(88)	3 C	"	70	2145
"	(88)	4 E	"	70	2422
State N	(20)	1 M	30-17-35	20	900
"	(6)	2 L	"	6	TSTM
"	(10)	3 E	"	10	TSTM
"	(5)	4 D	"	5	1085
St. O NCT-1	(88)	1E	36-17-34	70	910
"	(88)	2 H	"	70	540
"	(88)	3 G	"	70	1240
"	(88)	4 I	"	70	1640
"	(88)	5 F	"	70	1505
"	(88)	6 J	"	70	1170
"	(88)	7 P	"	70	1420
"	(88)	8 M	"	70	1200
"	(88)	9 N	"	70	2150
"	(88)	10 O	"	70	1210
State Q	(85)	1 P	25-17-34	70	1214
"	(88)	2 O	"	70	1041
"	(35)	3 J	"	35	2284
St. R NCT-1	(75)	1A	6-18-35	70	890
"	(85)	2 B	"	70	1930
"	(80)	3 H	"	70	621
"	(75)	5 G	"	70	1185
" NCT-2	(95)	4 B	2-18-34	70	1440
" NCT-3	(88)	6 I	1-18-34	70	2497
"	(80)	7 J	"	70	1315
"	(80)	8 K	"	70	TSTM
State R NCT-3					
"	(88)	9 L	"	70	1767
"	(88)	10 N	"	70	1321
"	(88)	11 M	"	70	1433
"	(86)	12 O	"	70	1647
"	(88)	13 P	"	70	1380
St. R-4	(40)	1 C	7-18-35	40	10
"	(6)	2 D	"	6	3183
Acreage factor .950					
State S	(80)	1 L	35-17-34	70	1678
"	(83)	2 M	"	70	2092
State T-1	(10)	3 H	25-17-34	10	TSTM
State U	(88)	1 A	2-18-34	70	1495

VACUUM (G-SA) CONT'D.

TEXACO INC. CONT'D.						
State U (88)	2	N	2-18-34	70		2141
State W-1	1	O	13-17-34	Input		
" (20)	2	J	"	20		TSTM
State X-2(105)	3	G	2-18-34	70		970
State Z NCT-1						
" (82)	1	D	"	70		1758
" (80)	2	C	"	70		1557
" (86)	3	F	"	70		1560
" (82)	4	E	"	70		1120
TOTAL	73			3830		
TEXACO INC.						
West Vacuum Unit						
" (5)	1	E	28-17-34	5		1720
" (3)	3	L	"	3		**4414
" (4)	4	K	"	4		1322
" (5)	5	M	"	5		**2840
" (1)	7	C	33-17-34	1		**3400
" (5)	8	B	"	5		410
" (1)	10	D	34-17-34	1		**3700
" (4)	12	B	"	4		**7121
" (3)	13	A	"	3		**6120
" (9)	14	E	33-17-34	9		2100
" (1)	15	F	"	1		900
" (3)	16	G	"	3		**5120
" (2)	17	H	"	2		1450
" (3)	21	H	34-17-34	3		1910
" (22)	22	L	33-17-34	22		550
" (24)	23	K	"	24		**3410
" (36)	24	J	"	36		1915
" (1)	29	I	34-17-34	1		**3110
" (10)	30	M	33-17-34	10		900
" (10)	31	N	"	10		2030
" (13)	32	O	"	13		**3720
" (5)	33	P	"	5		**6270
" (91)	37	P	34-17-34	70		1210
" (10)	38	A	5-18-34	10		400
" (1)	39	D	4-18-34	1		300
" (5)	40	C	"	5		**3100
" (12)	41	B	"	12		**3233
" (21)	43	D	3-18-34	21		600
" (33)	45	B	4-18-34	33		241
" (16)	46	A	"	16		**3400
" (19)	47	F	"	19		2082
" (49)	49	H	3-18-34	49		1800
" (5)	50	I	"	5		**2841
TOTAL	33			411		
TEXACO INC.						
Project (14 Units)						
West Vacuum Unit						
"	18	E	34-17-34	36		
"	19	F	"	10		
"	20	G	"	6		
"	26	L	"	10		
"	28	J	"	14		
"	34	M	"	16		
"	35	N	"	58		
"	36	O	"	8		
"	9	A	33-17-34	Input		
"	11	C	34-17-34	"		
"	25	I	33-17-34	"		
"	27	K	34-17-34	"		
"	42	A	4-18-34	"		
"	44	C	"	"		
TOTAL	8			158		
YATES, JOHN A.						
Angle St.(3)	1	C	9-17-34	3		TSTM
" (2)	2	A	"	2		TSTM
TOTAL	2			5		

YATES DRILLING CO.						
Yates North Vacuum Unit						
Tr. 1	2	N	1-17-34	1		
Tr. 2	2	D	12-17-34	5		
"	3	F	"	5		
Tr. 3	3	J	2-17-34	1		
Tr. 3-A	1	P	"	3		
Tr. 4	1	H	11-17-34	2		
"	3	B	"	8		
Tr. 5	1	N	2-17-34	18		
"	3	K	"	2		
"	4	L	"	2		
Tr. 6	1	F	"	2		
Tr. 1	1	M	1-17-34	Input		
Tr. 2	1	E	12-17-34	"		
"	4	C	"	"		
Tr. 3	2	O	2-17-34	"		
"	4	G	"	"		
Tr. 4	4	A	11-17-34	"		
Tr. 5	2	M	2-17-34	"		
Tr. 6	2	E	"	"		
TOTAL	11			49		
POOL TOTAL	447			15998		
VACUUM ABO NORTH						
(80 Acre Spacing)						
Top Allowable 334 GOR Limit 2,000						
AMINI OIL CORP.						
Marathon St.	1	D	12-17-34	150		
"	2	F	"	175		
TOTAL	2			325		
AZTEC OIL & GAS CO.						
State NV(157)	1	N	15-17-34	157		560
CONTINENTAL OIL CO.						
State H-35(64)	9	H	35-17-34	50		734
" (12)	7	B	"	12		**2667
TOTAL	2			62		
GETTY OIL CO.						
State BA(19)	6	D	36-17-34	19		**5053
" (24)	8	B	"	24		**11583
TOTAL	2			43		
GULF OIL CORP.						
Lea FE St.(99)	5	F	11-17-34	99		152
" (136)	6	H	"	136		221
"	7	D	"	144		
TOTAL	3			379		
MALLARD EXPLORATION, INC.						
State A (41)	1	J	24-17-34	40		886
MARATHON OIL CO.						
McCall.St.(41)	5	M	25-17-34	41		**2395
Warn State A/c-1						
" (34)	3	F	31-17-35	34		1566
TOTAL	2			75		
MOBIL OIL CORP.						
Bridges State						
" (17)	95	P	26-17-34	17		309
" (70)	96	H	"	60		1973
" (54)	98	J	"	45		1598
" (78)	104	B	25-17-34	60		1614
" (52)	108	F	"	45		1604
" (58)	109	N	24-17-34	45		1967
" (46)	112	D	25-17-34	41		187
" (90)	116	L	24-17-34	75		**2633
" (105)	117	P	23-17-34	80		1257
" (230)	118	F	26-17-34	170		464
" (85)	119	F	24-17-34	70		**2717
" (30)	120	N	13-17-34	25		1867

VACUUM ABO NORTH CONT'D.

MOBIL OIL CORP. CONT'D.					
Bridges State					
"	(65)121	L	13-17-34	50	**2092
"	(28)124	F	14-17-34	25	357
"	(70)125	H	"	60	857
"	126	J	11-17-34	No C-116	
"	(32)128	H	25-17-34	30	**3156
"	(26)129	B	23-17-34	20	**6311
"	(162)134	L	12-17-34	130	519
"	(220)135	L	11-17-34	150	836
"	(102)136	D	26-17-34	80	712
"	(131)137	B	"	110	976
"	(127)138	L	"	110	1544
"	(56)139	L	14-17-34	35	1418
"	(175)140	P	11-17-34	120	382
"	(150)141	D	14-17-34	110	403
"	(46)142	J	"	35	898
"	(125)143	B	27-17-34	100	590
"	(190)144	P	15-17-34	150	968
"	(37)145	P	27-17-34	30	597
"	(106)146	B	14-17-34	80	1842
"	(211)147	F	13-17-34	180	470
"	(148)148	N	11-17-34	60	*11221
"	(99)149	J	27-17-34	99	1555
"	(271)150	N	12-17-34	271	761
"	(202)152	B	13-17-34	202	1406
"	(40)153	N	26-17-34	40	**2000
"	(131)155	D	23-17-34	131	1290
"	(134)156	J	"	134	1709
"	159	P	12-17-34	269	
St. CC Ut.(119)1		L	36-17-34	80	1059
St.DD Ut.(30) 1		D	31-17-35	30	1480
Santa Fe Bridges State Com.					
"	(32) 1	D	24-17-34	32	**4022
State G (49) 4		B	"	45	1959
State J (51) 5		B	22-17-34	51	165
TOTAL	44			3782	
PENNZOIL UNITED, INC.					
Mobil 24 State Com.					
"	(142) 1	H	24-17-34	130	620
Bridges St.(69)1		A	11-17-34	60	667
TOTAL	2			190	
SHELL OIL CO.					
State VH	1	P	10-17-34	334	
State C	2	P	24-17-34	155	
TOTAL	2			489	
TEXACO INC.					
St.N.M. N(3)	6	L	30-17-35	3	**3600
Acreage factor .938					
St.N.M.O-1(128)11		F	36-17-34	120	1479
"	(57) 14	J	"	57	1275
"	(6) 18	H	"	6	TSTM
"	(6) 24	P	"	6	"
St.N.M.Q(11)	4	P	25-17-34	9	**3290
N.M. W State NCT-1					
"	(34) 3	J	13-17-34	34	**3125
Texaco Mobil State Com.					
"	(16) 1	H	25-17-34	16	187
TOTAL	8			251	
POOL TOTAL	69			5793	

VACUUM ABO NORTHWEST

Top Allowable 240 GOR Limit 2,000

MOBIL OIL CORP.					
Bridges St.(48)122		I	3-17-34	43	927
PENNZOIL UNITED, INC.					
Marathon St.(42)1		L	2-17-34	35	738
POOL TOTAL	2			78	

VACUUM ABO REEF

Top Allowable 210 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.					
State VC(17)	1	L	36-17-35	17	1547
AMOCO PRODUCTION CO.					
State CT(7)	1	P	3-18-34	7	**2143
State CV(43)	2Y	E	25-17-35	43	581
" (25)	4	L	"	25	720
" (78)	5	F	"	32	364
TOTAL	4			107	
ATLANTIC RICHFIELD CO.					
Lea 403 St.(39)4		D	17-18-35	30	744
CITIES SERVICE OIL CO.					
State BJ(35)	1	I	35-17-35	32	1754
" (15)	3	O	"	13	921
TOTAL	2			45	
FEATHERSTONE DEVELOPMENT CORP.					
T.P.C & O State					
" (22)	1	I	24-17-35	22	744
Sun State B-2287					
" (226)	1	E	19-17-36	170	914
Acreage factor .925					
TOTAL	2			192	
FOREST OIL CORP.					
B.Lee St.(112)1		F	7-18-35	112	1390
" (95)	3	E	"	95	1120
Acreage factor .950					
" (60)	4	L	"	60	1240
Acreage factor .950					
" (90)	5	M	"	90	770
Acreage factor .950					
TOTAL	4			357	
GETTY OIL CO.					
State AN(245)	1	A	7-18-36	210	249
" (243)	2	B	"	210	1551
" (222)	3	G	"	210	1419
" (243)	4	H	"	210	1510
" (242)	5	J	"	210	347
" (80)	6	O	"	80	1307
" (240)	7	I	"	210	580
TOTAL	7			1340	
HUMBLE OIL & REFINING CO.					
N.M.BO St.(178)1		H	12-18-34	150	944
" (182)	2	I	"	160	505
" (72)	3	J	"	60	1278
" (45)	4	P	"	35	556
" (50)	5	G	"	40	**3640
" (20)	7	A	"	15	**2500
" (100)	8	B	"	70	1480
N.M.BP St.(39)1		K	7-18-35	30	538
" (173)	2	N	"	135	947
TOTAL	9			695	
INGRAM, TOM L.					
State L (310)	1	C	19-17-36	210	871
MARATHON OIL CO.					
St.Warn.-2(113)8		N	6-18-35	113	**2888
" (34)	9	M	"	25	**4702
Acreage factor .950					
" (18)	10	K	"	18	**4378
" (6)	11	L	"	6	**7354
Acreage factor .950					
TOTAL	4			162	
PHILLIPS PETROLEUM CO.					
Vacuum Abo Unit, Battery #1					
Tr. 6-1 (53)	59	F	5-18-35	53	1052
" (221)	63	E	"	210	1220

VACUUM ABO REEF CONT'D.

PHILLIPS PET. CO. CONT'D.
Vacuum Abo Unit, Battery #1

Tr. 14	(175)	1 K	5-18-35	175	853	
"	(243)	2 M	"	210	216	
"	(242)	3 N	"	210	1400	
"	(252)	4 L	"	210	1230	
Tr. 15	(51)	1 D	8-18-35	51	1031	
"	(153)	2 C	"	153	158	
"	(36)	4 E	"	36	411	
Battery #4						
Tr. 1	(36)	1 B	25-17-35	36	610	
"	(264)	8 O	27-17-35	210	410	
"	(15)	9 J	"	15	667	
Tr. 2	(78)	2 C	25-17-35	78	1013	
Tr. 4	(44)	5 A	26-17-35	44	1875	
"	(138)	6 B	"	138	736	
Tr. 5	(254)	1 J	"	210	84	
"	(50)	2 O	"	50	340	
Tr. 6	(133)	75 O	25-17-35	133	577	
Tr. 6-A	(253)	66 M	26-17-35	210	1034	
"	(242)	74 N	"	210	76	
Tr. 6-B	(251)	71 H	"	210	550	
Tr. 6-C	(243)	67 L	"	210	759	
"	(129)	72 I	"	129	713	
Tr. 6-D	(253)	69 K	"	210	1000	
Tr. 6-E	(166)	70 G	"	166	486	
"	(252)	76 F	"	210	1896	
"	(242)	79 E	"	210	1728	
"	(42)	80 N	27-17-35	42	286	
Tr. 6-F	(247)	61 G	34-17-35	210	650	
"	(260)	64 A	"	210	1796	
"	(253)	65 B	"	210	1356	
"	(247)	68 H	"	210	900	
"	(56)	85 C	"	56	173	
Tr. 7	(264)	3 P	27-17-35	210	151	
"	(255)	4 I	"	210	TSTM	
TOTAL		35		5345		

PHILLIPS PETROLEUM CO.
Vacuum Abo Unit, Battery #2

Tr. 13	(238)	2 E	4-18-35	210	1618	
"	(225)	3 C	"	210	662	
"	(313)	4 B	"	210	4668	
"		4 B	"	Input		
"	(59)	5 H	5-18-35	59	576	
"	(294)	6 A	4-18-35	210	1571	
"	(22)	7 G	5-18-35	22	45	
"	(117)	8 D	4-18-35	117	1744	
"	(71)	9 D	3-18-35	71	803	
"	(221)	10 J	5-18-35	210	652	
"	(106)	11 F	4-18-35	106	698	
"	(152)	12 G	"	152	697	
"	(187)	13 I	5-18-35	187	861	
"	(119)	14 H	4-18-35	119	882	
"	(28)	15 L	"	28	1786	
"	(152)	16 A	5-18-35	152	1493	
"	(100)	17 O	"	100	800	
"	(22)	18 K	4-18-35	22	909	
"	(35)	19 P	5-18-35	35	914	
Battery #3						
Tr. 6-G	(77)	57 N	33-17-34	77	1870	
Tr. 8	(431)	9 F	34-17-35	210	4392	
Tr. 8	(242)	10 E	34-17-35	210	1636	
"	(258)	11 C	"	210	1756	
"	(41)	12 D	"	41	2293	
Tr. 9	(23)	5 H	33-17-35	23	4913	
Tr. 10	(252)	5 M	34-17-35	210	3345	
"	(189)	6 L	"	210	1058	
"		6 L	"	Input		
"	(123)	7 K	"	123	976	
"	(67)	8 N	"	67	1045	
"	(121)	9 J	"	121	1008	
Tr. 11	(68)	5 O	33-17-35	68	1706	
"	(182)	6 P	"	182	654	

PHILLIPS PETROLEUM CO. CONT'D.
Vacuum Abo Unit, Battery #3

Tr. 11	(27)	7 I	33-17-35	27	2519	
"	(29)	8 J	"	29	2862	
Tr. 12	(29)	2 M	"	29	1345	
TOTAL		34		4057		

TEXACO INC.

St.N.M.AA-4	(33)	2 A	10-18-34	33	256	
St.N.M.AB	(198)	2 P	6-18-35	198	1052	
"	(86)	3 O	"	86	**2890	
"	(44)	4 I	"	44	**4200	
"	(32)	5 J	"	32	**7100	
St.N.M.AE	(263)	4 F	12-18-34	210	1960	
"	(263)	5 K	"	210	974	
"	(44)	6 L	"	44	**3075	
"	(1)	7 N	"	1	**31200	
"	(44)	8 H	11-18-34	44	**3210	
"	(90)	9 C	12-18-34	90	1378	
"	(263)	10 E	"	210	534	
"	(186)	11 I	11-18-34	186	346	
"	(70)	12 D	12-18-34	70	732	
"	(10)	13 A	11-18-34	10	1670	
"	(145)	14 B	"	145	1882	
"	(263)	15 G	"	210	1090	
"	(208)	16 C	"	208	400	
"	(130)	17 J	"	130	973	
"	(110)	18 F	"	110	280	
"	(30)	19 D	"	30	1475	
"	(53)	20 M	12-18-34	53	1625	
"	(127)	21 E	11-18-34	127	**2160	
State R-1	(70)	6 H	6-18-35	70	**2870	
"	(4)	7 C	"	4	**13820	
"	(59)	2 D	7-18-35	59	849	
Acreage factor .950						
"	(14)	1 C	"	14	**7590	
TOTAL		27		2628		

TEXAS PACIFIC OIL CO., INC.

State AF	(14)	1 M	8-18-35	14	TSTM	
"	(263)	2 O	8-18-35	210	228	
TOTAL		2		224		
POOL TOTAL		133		15409		

VACUUM BLINEBRY

Top Allowable 124 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.

State VB		2 K	36-17-34	No C-116		

GETTY OIL CO.

State BA	(39)	5 D	36-17-34	39	1436	
"	(11)	9 B	"	11	1455	
TOTAL		2		50		

MARATHON OIL CO.

McCall.St.	(29)	6 L	25-17-34	29	**3016	
"	(177)	8 M	"	124	957	
"	(130)	10 N	"	100	759	
TOTAL		3		253		

MOBIL OIL CORP.

St.Bridges	(2)	11 F	25-17-34	2	**2300	
"	(20)	13 E	"	20	**2305	
"	(33)	27 H	26-17-34	33	1960	
"		32 C	25-17-34	Input		
"	(2)	38 A	26-17-34	2	1200	
"	(15)	99 I	"	15	**6273	
State I	(6)	2 L	36-17-34	6	**11350	
St.Bridges	(5)	36 D	25-17-34	5	TSTM	
TOTAL		7		83		
POOL TOTAL		12		386		

VACUUM BONE SPRINGS SOUTH

Top Allowable 210 No GOR Limit

HAMON, JAKE L.

Tex.Gulf A State				
"	(48)	1 K	27-18-35	48

MID VACUUM DEVONIAN

Top Allowable 397 No GOR Limit

ATLANTIC RICHFIELD CO.

St.Lea 403(53)		5 F	17-18-35	40
"	(146)	6 B	"	90
" 4011	(73)	1 N	8-18-35	73

POOL TOTAL 3 203

VACUUM DEVONIAN SOUTH

(80 Acre Spacing)

Top Allowable 467 No GOR Limit

ATLANTIC RICHFIELD CO.

St.Lea 403(45)		3 N	22-18-35	45
Acreage factor .500				
"		8 K	"	No C-116

UNION OIL CO. OF CALIFORNIA

*Reeves(372)		2 N	26-18-35	280
* "A"	(54)	4 K	"	30
So.Vac.Ut.(165)		1M	26-18-35	120
"	(115)	1 G	35-18-35	80
"	(25)	2 I	"	15
"	(159)	3 C	"	100
Lea J St.(42)		1 E	26-18-35	33

TOTAL 7 658

*Reeves 2-N & Reeves 4-K are assigned a 40 Acre Allowable

POOL TOTAL 8 703

VACUUM GLORIETA

Top Allowable 94 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.

State VB(94)		2 K	36-17-34	94 736

ATLANTIC RICHFIELD CO.

St.B-1576(38)		5 N	32-17-35	36 **3711
"	(43)	6 K	"	40 **2349
"	(19)	7 L	"	19 **5842
"	(18)	8 M	"	18 **5556
St.B-1578(72)		3 F	30-17-35	72 861
St.L-DE(86)		2 G	"	86 372

TOTAL 6 271

CHEVRON OIL CO.

St.B-32(111)		5 F	32-17-35	94 824
"	(19)	6 E	"	19 **2094
"	(127)	7 C	"	94 816
"	(130)	8 D	"	94 988
State 4-27(24)		5 O	27-17-35	24 1239
"	(116)	7 K	"	94 470
"	(8)	9UT J	"	8 1395
"	(117)	10 L	"	94 404
State 5-27(115)		5F	"	94 565
"	(121)	6 E	"	94 402
"	(37)	7 C	"	37 560
"	(127)	8 D	"	94 717
State 6-34(3)		11 L	35-17-34	3 1186
Vac.Edg.Ut.(7)		20B	5-18-35	7 260

TOTAL 14 850

CITIES SERVICE OIL CO.

State K (109)		5 H	27-17-35	94 662
"	(108)	6 G	"	94 743
"	(90)	7 A	"	90 1621
"	(85)	8 B	"	85 931

TOTAL 4 363

CONTINENTAL OIL CO.

State H-35(39)		8 A	35-17-34	35 956
"	(85)	12 H	"	564

TOTAL 2 118

GETTY OIL CO.

State BA(70)		5 D	36-17-34	60 371
"	(41)	7 C	"	35 878
"	(4)	9 B	"	4 **4000
"	(23)	10 A	"	23 1913
State BC(5)		3 M	33-17-35	5 1000

TOTAL 5 127

HUMBLE OIL & REFINING CO.

N.M. K St.(11)		17P	32-17-35	11 545
"	(36)	18 I	"	36 1250
"	(107)	19 P	28-17-35	94 402
"	(63)	20 O	32-17-35	63 762
"	(109)	21 O	28-17-35	94 495
"	(36)	22 J	32-17-35	36 1278
"	(125)	23 I	28-17-35	94 672
"	(97)	24 H	32-17-35	94 371
"	(110)	25 J	28-17-35	94 427
"	(108)	26 G	26-17-35	94 1454
"	(126)	27 N	28-17-35	94 929
"	(120)	28 A	32-17-35	94 792
"	(109)	29 K	28-17-35	94 431
"	(112)	30 B	32-17-35	94 545
"	(108)	31 L	27-17-35	94 657
"	(118)	32 M	"	94 771

TOTAL 16 1274

MALLARD EXPLORATION INC.

State A (10)		2 O	24-17-34	10 1830

MARATHON OIL CO.

McCall.St.(113)		6L	25-17-34	94 1100
"	(116)	8 M	"	94 777
"	(111)	9 K	"	94 1661
"	(128)	10 N	"	94 772
Warn State A/c-1				
"	(11)	4 K	31-17-35	11 **2166
"	(7)	5 E	"	7 761
" A/c-2	(46)	12 D	6-18-35	44 654
Acreage factor .925				
"	(30)	13 C	"	30 588
"	(33)	14 E	"	26 926
Acreage factor .950				
"	(12)	15 F	"	12 1281
" A/c-3(109)		5 H	33-17-35	94 888
"	(107)	6 G	"	94 1475
"	(115)	7 F	"	94 1843
Staplin State A/c-1				
"	(112)	3 N	30-17-35	94 433
"	(112)	4 K	"	94 420

TOTAL 15 976

MOBIL OIL CORP.

Bridges St.(22)		58M	24-17-34	22 **2218
"	(14)	97 P	26-17-34	14 671
"	(46)	99 I	"	46 561
"	(123)	102G	25-17-34	94 TSTM
"	(113)	103 E	25-17-34	94 743
"	(153)	106 C	"	94 209
"	(103)	110 B	"	94 136
"	(106)	111 F	"	94 132
"	(55)	112 D	"	55 480
"	(7)	113 E	24-17-34	7 1557
"	(26)	114 K	"	26 796
"	(32)	115 A	25-17-34	32 328
State H (90)		2 D	31-17-35	89 105
Acreage factor .950				
State I (30)		2 L	36-17-34	30 1187
" K	(11)	7 I	31-17-35	11 **4909

VACUUM GLORIETA CONT'D.

MOBIL OIL CORP. CONT'D.

State K (16)	8	P	31-17-35	16	**2394
" (3)	9	J	"	3	**5000
State M(117)	13	D	34-17-35	94	1675
" (20)	14	C	"	20	**2600
" (12)	15	E	"	12	**3000
State O (24)	2	L	33-17-35	24	1333
TOTAL	21			971	

PHILLIPS PETROLEUM CO.

Hale,M.E.(46)	7	I	35-17-34	46	1442
" (6)	8	P	"	6	TSTM
" (8)	9	J	"	8	"
Santa Fe(32)	87	L	31-17-35	32	275
Acreage factor .925					
" (24)	88	E	"	24	256
Acreage factor .950					
" (116)	89	E	26-17-35	94	548
" (131)	90	M	27-17-35	94	957
" (126)	91	A	33-17-35	94	568
" (113)	92	K	"	94	1889
" (113)	94	D	25-17-35	94	466
" (123)	95	B	33-17-35	94	526
" (114)	96	E	"	94	1085
" (76)	99	D	5-18-35	76	1020
" (111)	100	O	30-17-35	94	650
" (118)	101	J	30-17-35	94	455
" (11)	102	O	31-17-35	11	**9802
" (113)	103	K	29-17-35	94	700
" (109)	104	F	28-17-35	94	571
" (108)	105	E	"	94	450
" (88)	106	H	29-17-35	88	465
" (23)	108	A	28-17-35	23	846
" (43)	109	G	29-17-35	43	337
" (19)	112	E	5-18-35	19	378
" (97)	117	N	27-17-35	94	1532
TOTAL	24			1598	

SHELL OIL CO.

State A (29)	5	A	31-17-35	23	759
" (18)	6	G	"	15	**5611
" (19)	7	B	"	19	737
" (20)	8	H	"	20	**2100
State B(129)	3	I	30-17-35	94	744
" (167)	4	P	"	94	790
State D(126)	2	M	31-17-35	87	1024
Acreage factor .925					
State E (121)	2	N	"	94	512
State F (168)	3	M	29-17-35	94	429
" (271)	4	N	"	94	764
State H (135)	2	L	27-17-35	94	533
State I (115)	2	E	19-17-35	94	496
State M (115)	1	J	29-17-35	94	600
" (216)	2	O	"	94	546
" (212)	3	I	"	94	1925
" (218)	4	P	"	94	1830
State N(236)	4	G	28-17-35	94	873
" (234)	5	H	"	94	1068
" (115)	6	B	"	94	817
State T(10)	9	I	33-17-35	10	700
" (48)	10	J	"	48	1125
State V(115)	5	I	27-17-35	94	583
Swigart(112)	2	I	25-17-35	94	1643
TOTAL	23			1726	

SKELLY OIL CO.

State J(34)	2	C	31-17-35	25	**2706
State P (119)	3	C	33-17-35	94	723
" (114)	4	D	"	94	675
TOTAL	3			213	

TEXACO INC.

St.N.M.L(56)	6	B	10-18-34	56	527
Acreage factor 1.025					
" (184)	7	A	"	94	1670
" (4)	8X	G	"	4	**18740
" (118)	9	H	"	94	637
St.N.M.M(100)	8	C	1-18-34	80	593
Acreage factor 1.025					
St.N.M.N(50)	5	M	30-17-35	50	1560
Acreage factor .950					
" (92)	6	L	"	80	864
Acreage factor .938					
" (96)	7	E	"	89	713
Acreage factor .950					
St.N.M.O-1(121)	13N		36-17-34	94	1375
" (21)	15	I	"	21	1465
" (40)	16	H	"	40	1577
" (70)	19	F	"	70	755
" (55)	20	E	35-17-34	55	1590
" (88)	21	G	36-17-34	88	475
" (54)	22	M	35-17-34	54	1620
" (118)	23	O	"	94	1521
" (54)	24	P	35-17-34	54	1050
St.N.M.O-1(36)	25J		36-17-34	36	1361
St.N.M.Q(42)	6	P	25-17-34	42	825
" (52)	8	J	"	52	1118
St.CG-1(64)	2	H	30-17-35	64	1174
St.CG-2(90)	1	F	29-17-35	85	832
St.N.M.R-1(5)	8	A	6-18-35	5	**9840
St.N.M.R-1(12)	9	G	6-18-35	12	**4180
" (6)	11	H	"	6	**9610
St.N.M.T-1(70)	2	H	25-17-34	70	752
TOTAL	26			1489	
POOL TOTAL	161			10080	

VACUUM LOWER PENN

Top Allowable 397 GOR Limit 6,000

MOBIL OIL CORP.

Bridges St.(4)	98	J	26-17-34		**46750

VACUUM MIDDLE PENN

Top Allowable 327 GOR Limit 2,000

MOBIL OIL CORP.

Bridges St.(40)	121	L	13-17-34	20	**2510
"	126	J	11-17-34	No C-116	
" (100)	147	F	13-17-34	60	843
POOL TOTAL	2			80	

NORTHWEST VACUUM PENN

Top Allowable 397 GOR Limit 2,000

PENNZOIL UNITED, INC.

Mobil "7" State					
" (75)	1	B	7-17-34	40	800
Gallagher "8" State					
" (19)	1	D	8-17-34	19	1571
POOL TOTAL	2			59	

VACUUM UPPER PENN

(80 Acre Spacing)

Top Allowable 397 GOR Limit 2,000

GETTY OIL CO.

State BA(33)	8	B	36-17-34	33	**2636

MARATHON OIL CO.

McCall St.(54)	7	N	25-17-35	50	**2523
Warn State A/c-1					
" (99)	3	F	31-17-35	92	**2825
TOTAL	2			142	

MOBIL OIL CORP.

Bridges State					
" (183)	104	B	25-17-34	170	331
" (152)	108	F	"	120	374

VACUUM UPPER PENN CONT'D.

MOBIL OIL CORP. CONT'D.					
Bridges State					
"	(37)109 N	24-17-34	37		1987
"	(33)112 D	25-17-34	33		533
"	(28)119 F	24-17-34	25		**2511
"	(274)120 N	13-17-34	274		1996
"	(6) 121 L	"	6		**2510
"	(109)124 P	14-17-34	70		**3504
Santa Fe Bridges State Com.					
"	(13) 1 D	24-17-34	13		**4022
TOTAL	9		748		
TEXACO INC.					
St.N.M.O-1(65)	18M	36-17-34	50		**3395
State Q (60)	4 P	25-17-34	60		1789
Shell St.(14)	1 J	"	12		**4013
Texaco Mobil State					
"	(41) 1 H	25-17-34	30		439
TOTAL	4		152		
POOL TOTAL	16		1075		

VACUUM WOLFCAMP
(80 Acre Spacing)

ATLANTIC RICHFIELD CO.					
State B-1578	334				
"	(7) 3 F	30-17-35	7		**4714
CONTINENTAL OIL CO.					
State H-35(6)	7 B	35-17-34	6		**2667
GETTY OIL CO.					
State BA(51)	6 D	36-17-34	45		**9804
"	(32) 8 B	"	30		**15438
TOTAL	2		75		
MARATHON OIL CO.					
McCall.St.(3)	5 H	25-17-34	3		**5692
"	(10) 7 N	"	8		**14529
Warn State A/c-1					
"	(14) 3 F	31-17-35	35		1613
TOTAL	3		46		
MOBIL OIL CORP.					
Bridges State					
"	(47) 95 P	26-17-34	45		**5178
"	(30) 98 J	"	25		**5336
"	(74)108 F	25-17-34	74		565
"	(41)109 N	24-17-34	36		1987
"	(43)116 L	"	35		**5372
"	(24)117 P	23-17-34	20		**2667
"	(15)119 F	24-17-34	15		**2511
State CC(10)	1 L	36-17-34	10		**14850
TOTAL	8		260		
PHILLIPS PETROLEUM CO.					
Santa Fe(169)	87 L	31-17-35	140		1823
Acreage factor .938					
TEXACO INC.					
St.N.M.L(8)	6 B	1-18-34	8		**8080
St.N.M.M(3)	5 D	"	3		**4400
"	(20) 7 F	"	16		**2825
St.N.M.N(35)	6 L	30-17-35	30		**2775
Acreage factor .938					
"	(14) 8 D	"	12		**2442
Acreage factor .938					
St.N.M.O-1(20)	11F	36-17-34	17		**23250
"	(50) 14 J	"	40		**13080
"	(45) 17 N	"	40		**3623
"	(52) 18 H	"	52		762
"	(10) 24 P	"	10		TSTM
N.M. Q St.(24)	4 P	25-17-34	15		**3140
TEXACO INC. CONT'D.					
Shell St.(20)	1 J	25-17-34	20		885
Texaco Mobil State Com.					
"	(7) 1 H	25-17-34	6		286
TOTAL	13		269		
POOL TOTAL	29		803		

NORTH VACUUM LOWER WOLFCAMP
(80 Acre Spacing)

Top Allowable 397 GOR Limit 2,000

GULF OIL CORP.					
Lea PS St.(22)	1 M	34-16-34	20		**8727
"	(11) 2 K	"	11		**4909
TOTAL	2		31		
MOBIL OIL CORP.					
Bridges State					
"	(24)123 O	34-16-34	20		479
PENNZOIL UNITED, INC.					
Bridges St.	1 A	11-17-34	No C-116		
Gallagher St.(62)	1 A	3-17-34	55		**6419
Mobil St.(107)	1 G	"	95		**3177
Rock Island B State					
"	(110) 1 A	4-17-34	95		1500
Acreage factor 1.038					
Rock Island State					
"	(32) 1 C	3-17-34	25		1844
" #2	(12) 2 E	"	12		1750
State Sale(138)	1M	35-16-34	90		348
TOTAL	6		372		
POOL TOTAL	9		423		

NORTHWEST VACUUM WOLFCAMP

Top Allowable 327 GOR Limit 2,000

BARNES, J. C. OIL CO.					
Lea St.(225)	1 F	5-17-34	200		1755
"	2 H	"	146		
TOTAL	2		346		
KING RESOURCES CO.					
Lea-Mex St.					
"	(250) 1 L	5-17-34	150		1800
PENNZOIL UNITED, INC.					
Gallagher "8" State					
"	(15) 1 D	8-17-34	15		1571
Sinclair "6" State					
"	(57) 1 P	6-17-34	45		1035
TOTAL	2		60		
POOL TOTAL	5		556		

VACUUM YATES

Top Allowable 70 GOR Limit 2,000

MARATHON OIL CO.					
Warn St.A/c-3(3)	4H	33-17-35	3		**13559
MOBIL OIL CORP.					
State M (4)	5 C	34-17-35	4		**8500
"	(1) 6 D	"	1		**20000
"	(1) 7 E	"	1		**59000
"	(1) 8 F	"	1		TSTM
TOTAL	4		7		
PHILLIPS PETROLEUM CO.					
Santa Fe(5)	97 N	33-17-35	5		**2123
"	(5) 113 B	34-17-35	5		**3946
TOTAL	2		10		
POOL TOTAL	7		20		

VADA PENN

(160 Acre Spacing)

Top Allowable 334 GOR Limit 2,000

AMINI OIL CORP.

Lane St.	1Y	M	30-10-34	No C-116	

ATLANTIC RICHFIELD CO.

State BJ(92)	1	E	9-10-34	92	641

BELCO PET. CORP.

Henry	1	A	5-9-35	232	
Midwest St.(352)	1A		2-9-34	334	1020
TOTAL	2			566	

BROWN, TOM DRILLING CO.

Holt St.	1	M	4-10-34	No C-116	

BTA OIL PRODUCERS

Allyn 687 Ltd.					
" (44)	1	B	9-9-36	44	1990
Anderson A 676 Ltd.					
" (43)	1	I	6-10-34	43	**2200
" (60)	3	K	"	60	**2550
Barnes 687 Ltd.					
" (298)	1	I	7-9-36	298	780
Barton 695 Ltd.					
" (208)	1	K	14-9-35	208	1225
Battles 687 Ltd.					
" (195)	1	B	7-9-36	195	**2610
Bond 685 Ltd.					
" (195)	1	J	5-9-36	173	*3870
" (166)	2	L	"	166	**3810
" (60)	3	D	4-9-36	60	**3630
Acreage factor 1.025					
" (76)	4	J	"	76	**3720
Bond 685 Ltd.					
"	5	L	"	Input	
" (76)	6	G	"	76	**4010
Brad 684 Ltd.					
" (204)	1	M	4-8-35	204	1500
Cap 692 Ltd.					
" (257)	1	E	2-9-35	257	1660
" (416)	2	H	"	315	*2120
Capitan 687 Ltd.					
" (402)	2	L	2-9-35	334	1780
Cash 691 Ltd.					
" (283)	1	L	9-9-36	223	*3000
C. C. 691 St.					
" (264)	1	D	16-9-35	264	1150
Cinco 688 Ltd.					
" (320)	1	N	1-9-35	267	*2500
Citco 688 Ltd.					
" (204)	1	N	3-9-35	204	**2780
Cities 688 Ltd.					
" (447)	1	A	10-9-35	334	1830
Coll 694 Ltd.					
" (402)	1	F	8-9-35	296	*2260
Curtis 695 Ltd.					
" (273)	1	C	23-9-35	273	**2135
Davis 687 Ltd.					
" (128)	1	D	9-9-36	117	*5700
Enfield 679 Ltd.					
" (8)	1	P	28 9-34	8	**2250
Farms 691 Ltd.					
" (448)	1	N	30-8-36	266	*2510
Feather 688 Ltd.					
" (298)	1	J	1-9-35	215	*3100
Hanagan 686 Federal					
" (81)	1	E	8-9-36	81	**2040
Hanson 679 Ltd.					
" (18)	1	M	1-10-33	18	**2900
Harris 686 Ltd.					
" (146)	1	A	6-9-36	146	**4140
" (166)	3	D	"	166	**3360
Hugo 693 Ltd.					
" (322)	1	D	15-9-35	322	1460

BTA OIL PRODUCERS CONT'D.

Hugo 693 Ltd.					
" (370)	2	L	15-9-35	334	1730
Humble St.(115)	1B		16-9-35	115	**3180
Hutch 7101 JV-D					
" (174)	1	D	10-9-34	174	1030
Intex 692 Ltd.					
" (405)	1	L	8-9-35	318	*2100
KGS 686 Ltd.					
" (296)	1	M	8-9-36	209	*3200
Lane A 674 Ltd.					
" (8)	1	J	1-10-33	8	**3010
Humble St.(470)	2	I	16-9-35	334	**3180
Lane B 674 Ltd.					
" (10)	3	C	"	10	**5690
Lane C 674 Ltd.					
" (5)	4	C	6-10-34	5	**3600
" (7)	5	A	"	7	**3285
Mar 679 Ltd.					
" (5)	1	E	5-10-34	5	**4200
Mattie 678 Ltd. Com.					
" (51)	1	G	15-9-34	51	**3180
Max 677 Ltd.					
" (22)	1	P	30-9-34	22	1730
" (36)	2	N	"	36	1170
McNulty 7101 JV-D					
" (398)	1	L	3-9-34	334	900
" (385)	2	F	"	334	820
Meta 7101 JV-D					
"	1	J	3-9-34	191	
Morton 688 Ltd.					
" (162)	1	P	3-9-35	162	1440
Newkirk 682 Ltd.					
" (1)	1	O	29-9-34	1	**5000
Nilo 702 JV-D					
" (311)	1	N	33-8-35	311	1395
Northcott 685 Ltd.					
" (98)	2	C	5-9-36	98	**2390
" Fed.(67)	3	A	"	67	**3210
O.F.F. 688 Ltd.					
" (351)	1	H	1-9-35	265	*2520
Olin 702 JV-D					
" (457)	1	P	33-8-35	267	*2500
Oliver 686 Ltd.					
" (189)	1	I	8-9-36	189	**3010
O'Neill 687 Ltd.					
" (378)	1Y	O	36-8-35	334	1720
Option 694 Ltd.					
" (286)	1	A	35-8-35	286	1910
" (315)	2	I	"	306	**2180
" (224)	3	M	"	224	**2090
Pacific 695 Ltd.					
" (156)	1	D	10-9-35	156	**3120
Payne 676 Ltd.					
" (92)	1	M	33-9-34	92	1150
Pecan 688 Ltd.					
" (115)	1	I	31-8-35	115	915
" (376)	2	G	"	334	1155
Price A 678 Ltd.					
" (153)	1	E	15-9-34	147	**4530
Ray 700 Ltd.					
" (145)	1	J	15-9-35	145	980
" (128)	2	H	"	128	780
Rogers 686 Ltd.					
" (208)	1	N	6-9-35	208	1660
Acreage factor .976					
Sam 703 JV-D					
" (54)	1	M	9-9-35	54	**3410
Simmons 686 Ltd.					
" (28)	1	M	31-9-34	28	**2320
SOMICO 682 Ltd.					
" (8)	1	C	20-10-34	8	**4875
" (3)	2	K	"	3	**4670

VADA PENN CONT'D.

BTA OIL PRODUCERS CONT'D.					
Star 695 Ltd.					
"	(286)	1 F	4-9-35	286	1025
Starman 684 Ltd.					
"	(471)	1 H	"	287	*2320
Stone 688 Ltd.					
"	(210)	1 C	31-8-35	210	**2490
Sunray 682 Ltd.					
"	(44)	1 N	36-9-33	44	**2480
"	(58)	2 J	"	58	**2550
"	(86)	3 H	"	86	**2540
Sunray B State Com.					
"	(65)	1 F	36-9-33	65	1690
Sunshine 695 Ltd.					
"	(52)	1 P	14-9-35	52	**2980
Trice 687 Ltd.					
"	(78)	1 L	33-8-36	78	1040
Vada A 673 Ltd.					
"	(2)	1 L	21-9-34	2	**5500
Vada B 673 Ltd.					
"	(3)	2 J	20-9-34	3	**2000
Vada C 673 Ltd.					
"	(3)	3 B	21-9-34	3	**8667
Vada D 673 Ltd.					
"	(5)	4 D	28-9-34	5	**2901
Walker 686 Ltd.					
"	(216)	1 M	6-9-36	216	1460
Acreage factor .975					
Wills 693 Ltd.					
"	(265)	1 P	34-8-35	265	1435
"	(204)	2 H	"	204	960
"	(141)	3 N	"	141	1180
Wolf 686 Ltd.					
"	(194)	1 P	6-9-35	194	**2620
Yates 694 Ltd.					
"	(348)	1 O	4-9-35	336	850
TOTAL					
CABOT CORP.	91			14657	
Pruitt		1 B	20-9-34	No C-116	
"		2 D	21-9-34	"	
CAYMAN CORP.					
Murphy B State					
"	(59)	2 O	7-10-34	59	**4950
"	(47)	3 H	"	47	**4860
TOTAL	2			106	
CHAMPLIN PETROLEUM CORP.					
State 8	(60)	1 A	8-10-34	60	1980
State 18	(25)	1 K	18-10-34	25	**5142
"	(40)	2 G	"	40	**6211
"	(42)	3 O	"	42	**6185
TOTAL	4			167	
COQUINA OIL CORP.					
Alcorn Fed.	(11)	1N	26-8-35	11	1273
Carter	(186)	1 N	25-8-35	186	1941
Federal 3	(223)	1 C	3-9-35	223	1918
Lovejoy St.	(148)	1E	36-8-35	148	1629
"	(223)	2 K	"	223	1984
Pan Am.St.	(197)	1B	36-8-36	197	1922
TOTAL	6			988	
DELAWARE APACHE CORP.					
Atlantic State					
"	(54)	1 N	36-8-34	54	1775
Blond St. Com.					
"	(420)	1 M	32-8-35	334	1600
Midwest Fed.	(140)	1J	5-9-34	140	714
Rogers	(148)	1 E	6-9-35	148	1270
Acreage factor .980					
Pruitt	(32)	1 B	20-9-34	32	**2840
"	(17)	2 D	21-9-34	17	**3000
U.S.Schram	(396)	1F	1-9-35	332	*2010

DELAWARE APACHE CORP. CONT'D.					
Vada St.	(75)	1 J	16-9-34	75	1940
"	(45)	2 H	"	45	**2160
Willis	(421)	1 H	4-9-34	334	1800
TOTAL	10			1511	
GREYHOUND OILFIELD SERVICES					
Irene Clark					
"	(28)	1 D	13-9-34	28	**4820
Vada Pruitt					
"	(52)	1 L	14-9-34	52	**3360
TOTAL	2			80	
HANKS, ROGER C.					
Atlantic State					
"	(602)	1 P	36-8-34	334	1600
Blond St.	(330)	2 P	32-8-35	330	703
Brown Fed.	(285)	1B	17-9-35	285	1298
Cabot St.		1 K	32-8-36	S.I.	
"	(267)	2 I	"	202	*3299
"	(171)	3 A	"	171	**2818
Ford	(125)	1 B	18-9-35	95	*7000
Fran Fed.	(700)	1 H	33-8-35	334	1150
Helen Fed.	(412)	1M	31-8-35	334	211
Lone Star Federal					
"	(217)	1 H	29-8-36	118	*5649
Midwest St.	(200)	1C	32-8-36	200	1500
Nancy Fed.	(116)	1H	28-8-36	116	**5405
Peggy Fed.	(384)	1F	34-8-35	334	1693
TOTAL	13			2853	
IMPERIAL AMERICAN MANAGEMENT CO.					
Holt State Com.					
"	(91)	1 D	4-10-34	91	1176
KING RESOURCES					
Sheridan	(62)	1 M	13-9-33	62	260
" A	(54)	1 C	24-9-33	54	305
TOTAL	2			116	
LONE STAR PRODUCTION CO.					
N.M. (55) Fed.					
"	(255)	1 F	27-8-36	255	1992
"	(250)	2 B	"	250	1984
N.M. (54) Fed.					
"	(192)	1 J	"	192	**2000
TOTAL	3			697	
LOWE, RALPH					
Barnes	(136)	1 H	7-9-35	136	1779
"	(87)	2 J	"	87	**2184
Speight	(136)	1 L	"	136	191
Acreage factor .981					
State D	(10)	2 E	16-9-34	10	1300
TOTAL	4			369	
MAJOR, GIEBEL & FORSTER					
Mallard Federal					
"	(103)	1 A	33-9-34	103	1951
Payne	(96)	1 E	"	96	1979
TOTAL	2			199	
MIDWEST OIL CORP.					
Federal D	(45)	1 P	25-9-33	45	**7111
Ainsworth	(140)	1 H	35-9-33	140	1842
"	(180)	2 C	"	180	955
" A	(150)	1 P	26-9-33	150	**2280
" B	(160)	1 G	"	160	512
" C	(240)	1 O	23-9-33	240	1558
H. Cook	(70)	1 O	31-9-34	70	**6006
D.V.Cook	(32)	2 B	"	32	**2531
Cross	(170)	1 O	35-9-33	170	**2176
" A	(150)	1 K	"	150	**2173
Federal C	(32)	1 F	31-9-34	32	**7219

VADA PENN CONT'D.

MIDWEST OIL CORP. CONT'D.					
Federal D(165)	2	N	25-9-33	165	**2060
Federal E Com.					
" (275)	1	E	25-9-33	275	1872
Federal F(165)	1	K	26-9-33	165	**2054
Federal H(160)	1	C	18-9-35	160	**2437
Federal I(75)	1	B	"	75	**4653
W. F. Hutcherson					
" (130)	1	M	9-9-34	130	1184
N.M.B St.(11)	1	N	11-10-33	11	**20363
N.M.I St.(70)	1	A	"	70	**3628
" (30)	2	E	"	30	**5666
N.M.J St.(10)	1	J	"	10	**12700
N.M.K St.(65)	1	O	2-10-33	65	**3076
" (165)	2	A	"	165	1684
N.M.L St.(150)	1	K	"	150	**2760
" (90)	2	C	"	90	1844
N.M.Q St.(15)	1	D	36-10-33	15	**13066
N.M.U St.(75)	2	H	3-10-33	75	1013
Vada L. Pruitt					
" (26)	1	C	20-9-34	26	**2192
" #2 (24)	2	M	17-9-34	24	TSTM
" A (24)	1	O	"	24	**7083
" (95)	2	G	"	95	1052
" C (25)	1	K	20-9-34	25	**7720
Lucile Rives					
" (55)	1	N	4-9-34	55	TSTM
Skelly St.	1	P	10-10-33	No C-116	
" (16)	2	O	"	16	**13562
L.D. Tankersley					
" (25)	1	H	30-9-34	25	**5600
" (125)	3	F	"	125	984
J.T.Wilson(245)	1	B	25-9-33	245	149
TOTAL 37				3680	
MOBIL OIL CORP.					
COX B Fed.(142)	1	L	3-9-36	142	**3993
MONSANTO COMPANY					
State L (166)	2	J	19-10-34	125	*5350
MGF St. (48)	1	E	30-10-34	48	**2040
MGF"A" Com.(13)	1	J	"	13	**3460
" B St.(50)	1	I	25-10-34	50	**6960
State K (77)	1	O	5-10-34	77	**5170
TUC St.(80)	1	A	30-10-34	80	**2760
TOTAL 6				393	
MORRISON, R. R.					
Atlantic A St. Com.					
" (10)	1	A	17-10-34	10	6200
Cities Fed.(344)	1	J	29-8-36	334	1177
" (221)	2	C	"	221	**2126
Federal (135)	1	D	33-8-36	135	**4000
" (205)	2	B	"	205	1165
" (160)	3	D	34-8-36	160	1300
Federal B(71)	1	N	29-8-36	71	**2873
Federal C(265)	1	L	28-8-36	265	1056
Federal D(81)	1	L	27-8-36	81	**4037
Federal E(78)	1	J	28-8-36	78	1846
State 17 Com.(72)	1	K	17-10-34	72	1014
TOTAL 11				1632	
NE-O-TEX CORP.					
Aztec Fed.(275)	1	C	26-8-36	275	1170
O'NEILL, JOSEPH I., JR.					
O'Neill M State					
" (20)	1	A	19-10-34	20	**2931
PETROLEUM CORP. OF TEXAS					
Bate A Fed.(38)	3	P	22-8-36	38	1711
READ & STEVENS, INC.					
Ainsworth(128)	2	P	19-9-34	128	953
Apache (149)	1	P	3-10-33	149	**3248

READ & STEVENS, INC. CONT'D.					
Aztec (23)	1	I	15-10-33	23	**15217
Continental State					
" (62)	1	F	18-10-34	62	1612
" (31)	2	M	7-10-34	31	1678
Gross (30)	1	A	15-10-33	30	**2166
Skelly St (30)	1	H	10-11-33	30	**7666
Federal B(181)	1	P	30-8-36	163	*4088
Federal C(170)	1	H	"	91	*7306
TOTAL 6				707	
ROBERTS, A. F., JR.					
State C(80)	1	K	19-10-34	80	**6025
SKELLY OIL CO.					
Vada Pruitt(23)	1	M	15-9-34	23	478
SOUTHLAND ROYALTY CO.					
Vada St.(25)	1	D	32-9-34	25	1856
" (21)	2	L	"	21	1614
" (27)	4	J	"	27	1263
TOTAL 3				73	
STOLTZ, WAGNER & BROWN					
King (415)	1	K	16-9-35	334	1800
SUN OIL CO.					
N.M.M St.(53)	1	D	19-10-34	53	**4791
N.M. AO St.(9)	1	M	16-10-34	9	TSTM
N.M. AW State Com.					
" (11)	1	A	20-10-34	11	459
N.M.Broseco State					
" (4)	1	C	21-10-34	4	TSTM
N. M. "AWA" State					
" (18)	1	I	20-10-34	18	TSTM
TOTAL 5				95	
SUPERIOR OIL CO.					
Government B Com.					
" (141)	1	N	5-9-35	141	695
Government C Com.					
" (456)	1	G	1-9-34	334	1241
Hamm Com.(80)	1	A	13-9-34	80	**3650
Levinson(67)	1	J	22-9-34	67	**4716
Pruitt Com.(22)	1	L	"	22	**7500
Pruitt A(105)	1	E	"	105	**5190
Pruitt C(32)	1	J	15-9-34	32	1438
Pyron Com.(30)	1	N	11-9-34	30	500
TOTAL 8				811	
TENNECO OIL CO					
S.E.Anderson					
" (145)	1	I	8-9-35	145	**2340
" A (300)	1	D	9-9-35	292	*2284
" B (310)	1	B	"	310	**2032
Anderson Federal Com.					
" (160)	1	J	9-9-35	160	**3500
Bate Federal Com.					
" (200)	1	I	11-9-34	200	**3300
Campbell Federal					
" (125)	1	F	7-9-36	125	**5100
Coll Federal Com.					
" (310)	1	B	8-9-35	300	**2230
Deen (365)	1	J	9-9-36	334	1950
Insall Federal Com.					
" (150)	1	M	12-9-34	150	**2150
Insall Com.					
" (150)	2	J	"	150	**2160
Morton Federal					
" (255)	1	A	12-9-35	255	**2600
" (250)	2	F	"	250	**2550
Mounsey (150)	1	B	14-9-34	150	**3298
Pyron State Com.					
" (140)	1	C	14-9-34	134	*5000

VADA PENN CONT'D.

TENNECO OIL CO. CONT'D.						
Ward Insall Com						
"	(110)	1	D	12-9-34	110	1090
"	(275)	2	A	"	275	935
Hooper	(205)	1	H	11-9-35	205	1330
Wolf Fed.	(375)	1	O	5-9-35	334	1535
TOTAL		18			3879	
TEXAS PACIFIC OIL CO., INC.						
Cabot St.	(88)	1	D	29-10-34	88	4625
Humble St.	(30)	1	E	16-10-34	30	10766
Hutcherson A	(72)	1	M	27-9-34	72	3041
" B	(15)	1	O	"	15	1200
Stone	(23)	1	L	26-9-34	23	8434
TOTAL		5			228	
TROBAUGH, ALLEN K.						
Wood	(40)	1	A	29-9-34	40	**5800
"	(32)	2	C	"	32	**5970
TOTAL		2			72	
UNION OIL CO. OF CALIFORNIA						
Federal 34	(61)	1	D	34-9-34	61	**2393
Newman 29 Federal Com.						
"	(35)	1	L	29-9-34	35	**6400
State 12	(45)	1	M	12-10-33	45	**7400
Vada Lee Pruitt						
"	(250)	1	J	21-9-34	250	1452
TOTAL		4			391	
UNION TEXAS PETROLEUM CORP.						
State 8	(8)	1	M	8-10-34	8	**2125
"	(4)	2	E	"	4	**3250
TOTAL		2			12	
POOL TOTAL		260			35377	

VEST RANCH QUEEN

Top Allowable 70 GOR Limit 2,000

GRIMM, JACK F.						
Federal 28		3	B	28-14-30	70	

WANTZ ABO

Top Allowable 164 GOR Limit 2,000

ACOMA OIL CORP.						
S. J. Sarkey	A					
"	(10)	1	A	26-21-37	10	TSTM
" B	(12)	2	B	"	12	**3250
TOTAL		2			22	
AMERADA DIVISION-AMERADA HESS CORP.						
J.G.Hare	(2)	7	N	33-21-37	2	**3923
AMOCO PRODUCTION CO.						
Corrigan		2	I	33-21-37	Gas Well	
ATLANTIC RICHFIELD CO.						
Barton	(17)	1	G	23-21-37	17	1705
J.R.Cone	(15)	3	O	26-21-37	15	**2133
E.C.Hill	(12)	2	P	"	12	**2333
Sarkeys	(16)	5	O	23-21-37	16	**3625
TOTAL		4			60	
AZTEC OIL & GAS CO.						
Dauron	(6)	1-3	A	10-21-37	6	**10499
CONTINENTAL OIL CO.						
Hawk B-3	(7)	1	X	3-21-37	7	1333
Hawk B-10	(16)	1	B	10-21-37	16	**2500
"	(5)	4	H	"	5	**4400
"	(7)	6	C	"	7	1457
L'ht.A-27	(6)	2	F	27-21-37	6	1500
"	(13)	3	E	"	13	TSTM
" A-35	(12)	2	F	35-21-37	12	1917

CONTINENTAL OIL CO. CONT'D.						
L'ht.B-11	(2)	1	D	11-21-37	2	**15000
"	(2)	3	E	"	2	**12000
"	(4)	17	G	"	4	**3250
" B-12	(22)	3	C	12-21-37	22	**5400
" B-35	(34)	2	B	35-21-37	34	**2340
State 10	(14)	1	D	10-12-37	14	**3150
M.E.Wantz	(20)	7	N	21-21-37	20	571
TOTAL		14			164	
THE EASTLAND OIL CO.						
Sarkeys	(29)	1	N	23-21-37	29	**3240
ELLIOTT OIL CO.						
E.M.Ell.	(10)	6	G	8-21-38	10	1800
Par.Fed.	(16)	4	J	"	16	**2150
Wylie Fed.	(2)	4	D	9-21-38	2	**2350
TOTAL		3			28	
GETTY OIL CO.						
R.L.Bruns.	(6)	2	P	4-22-37	6	**21333
S.J.Sarkeys	(17)	5	C	26-21-37	17	**2176
"	(11)	6	F	"	11	**3182
State S	(3)	5	D	15-21-37	3	**6667
TOTAL					37	
HARPER OIL CO.						
S.J.Sarkeys	(35)	2	H	26-21-37	35	**4434
"	(5)	3	G	"	5	**17600
TOTAL		2			40	
HUMBLE OIL & REFINING CO.						
N.M. S State						
"	(4)	24	J	2-22-37	4	**4500
"	(1)	25	N	"	1	**103000
TOTAL		2			5	
IMPERIAL AMERICAN MANAGEMENT CO.						
Art Yeager	(20)	1	J	25-21-37	20	**2190
"	(10)	2Y	O	"	10	**3010
"	(7)	3	P	"	7	**2029
Bunin	(5)	2	E	18-21-38	5	1266
"	(20)	5	F	"	20	1290
Elliott Fields						
"	(20)	1	U	6-21-38	20	1660
"	(6)	3	V	"	6	**3050
Federal GPS	(13)	1	O	6-22-38	13	452
Gulf Sarkeys						
"	(36)	1	C	25-21-37	36	**4806
"	(32)	2	F	"	32	**2781
McCallister						
"	(34)	1	C	7-22-38	34	1439
Rosa Lee	(14)	1	F	19-21-38	10	1525
Royalty Holding						
"	(9)	1	B	25-21-37	9	**3600
"	(6)	2	G	"	6	3344
Sims Fed.	(7)	2	G	7-22-38	7	624
"	(11)	4	A	"	11	575
Tommie Jones						
"	(18)	1	I	25-21-37	18	352
TOTAL		17			264	
KING RESOURCES CO.						
Nancy		1	N	24-21-37	No C-116	
MARATHON OIL CO.						
W. S. Marshall B						
"	(4)	9	K	27-21-37	4	**18407
MOBIL OIL CORP.						
H. Corr.	(4)	1	O	33-21-37	4	**27500
"	(1)	4	J	"	1	*413700
TOTAL		2			5	

WANTZ ABO CONT'D.

NATURAL RESOURCES GROUP, INC.

Anna Fed.	(33)	1	D	1-21-37	33	1480
Terry Fed.		1	G	18-21-38	No C-116	

SHELL OIL CO.

Argo	(20)	10	L	15-21-37	17	*18850
" A	(15)	9	D	22-21-37	15	**2133
St.Sec.2	(5)	10	T	2-21-37	5	**3000
Rinewalt	(3)	3	F	4-22-37	3	**8333
"	(3)	4	C	"	3	**3667

TOTAL 5 43

SUMMIT ENERGY, INC.

Gulf Bunin	(7)	1	D	13-21-37	7	**2314
Gulf Hill	(4)	4	S	4-21-36	4	**41675

TOTAL 2 11

SUN OIL CO.

St.Land	(13)	6	O	16-21-37	13	**3169

TEXAS PACIFIC OIL CO., INC.

S.E.Cone	(20)	4	I	26-21-37	20	**2950

POOL TOTAL 65 786

WANTZ GRANITE WASH

Top Allowable 164 GOR Limit 2,000

HUMBLE OIL & REFINING CO.

New Mexico S State

"	(9)	24	J	2-22-37	9	**3111
"	(10)	25	N	"	10	**7000

POOL TOTAL 2 19

WARREN BLINEBRY

Top Allowable 94 GOR Limit 2,000

CONTINENTAL OIL CO.

War.Ut.	(4)	10	B	28-20-38	4	**13050

WEST WARREN BLINEBRY

Top Allowable 94 GOR Limit 2,000

CONTINENTAL OIL CO.

SEMU Burger

"	(19)	21	O	19-20-38	19	**3220

WARREN DEVONIAN

(80 Acre Spacing)

Top Allowable 234 GOR Limit 2,000

CONTINENTAL OIL CO.

SEMU Burger B

"	(23)	58	C	29-20-38	23	1313

SEMU Warren

"	(361)	10	F	29-20-38	234	80

POOL TOTAL 2 257

WARREN DRINKARD

Top Allowable 124 GOR Limit 2,000

CONTINENTAL OIL CO.

War.Ut.	(34)	9	E	27-20-38	34	**2823
"	(16)	26	M	"	16	**2625

POOL TOTAL 2 50

WARREN DRINKARD EAST

Top Allowable 124 No GOR Limit

CONTINENTAL OIL CO.

Warren Ut.	(7)	11	A	35-20-38	7	

WARREN McKEE

Top Allowable 264 GOR Limit 2,000

AMERADA DIVISION-AMERADA HESS CORP.

Warren McKee Unit

"		110	G	18-20-38	No C-116	
"	(102)	111	I	"	102	**2265
"	(48)	112	F	"	40	904
"	(26)	113	P	"	26	**6048
		114	A	19-20-38	No C-116	

AMERADA DIVISION-AMERADA HESS CORP.

Warren McKee Unit

"		117	H	18-20-38	No C-116	
"		119	J	"	"	
"		121	E	17-20-38	"	
"	(33)	132	D	20-20-38	30	1284
"	(36)	141	M	17-20-38	30	184
"	(37)	142	L	"	30	1939
"	(41)	402	C	18-20-38	35	326
"	(8)	701	D	17-20-38	8	**10716
		901	A	18-20-38	S.I.	

TOTAL 8 301

AMERADA DIVISION-AMERADA HESS CORP.

Project (8 Units)

Warren McKee Unit

"	401	N	7-20-38	5
"	501	O	"	53
"	601	P	"	14
"	702	M	8-20-38	38
"	102	L	"	Input
"	201	I	7-20-38	"
"	202	J	"	"
"	203	K	"	"

TOTAL 4 110

CONTINENTAL OIL CO.

SEMU McKee

"	(2)	13	N	29-20-38	2	**15500
"	(19)	50	L	20-20-38	19	**3842
"	(8)	53	E	"	8	**5125
"		57	I	19-20-38	No C-116	
"		59	M	20-20-38	"	
"	(26)	62	K	"	26	1570
"	(4)	63	G	19 20-38	4	**24000
"	(19)	71	O	18-20-38	19	**3000
"	(19)	72	B	19-20-38	19	**2630

Warren Unit McKee

"	(35)	3	J	29-20-38	30	1800
"	(9)	6	N	"	9	**3333
"	(64)	7	B	"	60	1640
"	(39)	22	K	"	30	**3974
"	(22)	23	G	"	20	**5050
"	(43)	25	O	"	40	1910
"	(18)	27	O	20-20-38	18	1552
"	(17)	28	J	"	15	**5400

TOTAL 15 319

POOL TOTAL 27 730

WATKINS GRAYBURG

Top Allowable 70 No GOR Limit

CLARK, E. B.

Hightower		1	N	31-18-32	22	

WEIR BLINEBRY

Top Allowable 94 GOR Limit 2,000

CONTINENTAL OIL CO.

Britt B	(11)	10	F	15-20-37	11	**2599
"	(41)	12	E	"	41	739
"	(9)	13	D	"	9	**2909
"	(17)	18	N	10-20-37	17	**2588
"	(23)	19	B	15-20-37	23	522
"	(12)	20	L	10-20-37	12	**3500
"	(23)	21	J	"	23	**2565
SEMU Bl.Tu.	(13)	84	A	22-20-37	13	TSTM

TOTAL 8 149

SKELLY OIL CO.

L. Van Etten	(22)	8	P	9-20-37	22	**3591

POOL TOTAL 9 171

WEIR BLINEBRY EAST

Top Allowable 94 GOR Limit 2,000

IMPERIAL AMERICAN MANAGEMENT CO.

Keohane (5)	3	K	6-20-38	5	**3120
TEXACO INC.					
L.R.Kershaw(13)	7	C	13-20-37	13	1692
" (5)	8	D	"	5	**2000
C.H.Weir A(19)	8	F	"	19	**3211
" (1)	9	K	"	1	*562000
" (42)	10	J	"	42	**4357
" B (10)	5	G	11-20-37	10	**3700
" B (14)	6	B	"	14	**6500
M.B.Weir B(10)	7	M	12-20-37	10	**14000
" (10)	9	O	"	10	**9000
" (3)	10	P	"	3	**4333
C.H.Weir B(9)	4	I	11-20-37	9	1333
TOTAL	11			136	
POOL TOTAL	12			141	

WEIR DRINKARD

Top Allowable 124 GOR Limit 2,000

CONTINENTAL OIL CO.

Britt B(2)	9	J	15-20-37	2	**48204
SEMU Dr.(22)	70	I	"	22	**12345
POOL TOTAL	2			24	

WEIR TUBB EAST

Top Allowable 124 GOR Limit 2,000

CONTINENTAL OIL CO.

SEMU Tubb(6)	83	G	13-20-37	6	**5520
TEXACO INC.					
Kershaw(24)	9	B	13-20-37	14	*17417
" (5)	10	F	"	5	**4800
C.H.Weir A(6)	11	G	12-20-37	5	*48000
M.B.Weir B(5)	7	M	"	5	**17400
" (10)	10	P	12-20-37	5	*48000
TOTAL	5			34	
POOL TOTAL	6			40	

WILSON(Y-SR)

Top Allowable 70 No GOR Limit

WILSON ET AL

Amer.St.(5)	3	G	13-21-34	T.A.
Shell St.(9)	1	K	7-21-35	9
" (9)	5	D	18-21-35	9
" (11)	14	L	7-21-35	T.A.
" (11)	4	M	"	11
" (11)	7	F	"	11
Wilson St.	30	K	24-21-34	Gas Well
"	32	N	24-21-34	Gas Well
State E-299	22	K	23-21-34	"
State (8)	2	B	7-21-35	5
" (77)	5-42	J	13-21-34	50
" (16)	10	N	"	10
"	21	I	"	Gas Well
"	14	L	"	15
" (30)	18	H	23-21-34	T.A.
" (62)	19	G	"	40
" (22)	23	I	"	15
"	25	F	23-21-34	Gas Well
" (32)	26	O	"	20
" (8)	29	M	24-21-34	8
" (20)	41	E	12-21-34	15
" (31)	43	J	23-21-34	20
Wils.St.E(6)	27	N	23-21-34	5
State H (2)	1	O	25-21-34	2
POOL TOTAL	17			245

WILSON BONE SPRINGS

Top Allowable 264 GOR Limit 2,000

LEONARD, ROBERT J.

Wilson St.(133)	1	K	19-21-37	133	1173 (124)

WILSON YATES SEVEN RIVERS NORTH

Top Allowable 70 No GOR Limit

WILSON OIL CO.

Carl St.(3)	4	N	29-20-36	2

WILSON SEVEN RIVERS WEST

Top Allowable 70 No GOR Limit

KEITH, W. H. & DALTON HAINES

State A(12)	1	O	16-21-34	8
State B(16)	1	B	21-21-34	10
State (7)	1	N	16-21-34	7
TOTAL	3			25

WHITAKER, FRED R.

Whit.St.	1	J	16-21-34	No C-116
"	2	I	"	"
POOL TOTAL	3			25

YOUNG QUEEN

Top Allowable 70 No GOR Limit

MINNTEX OIL CO.

Project (3 Units)

Young Fed.	2	A	19-18-32	30
"	3	J	17-18-32	136
"	4	O	"	Input
TOTAL	2			166

NEWMONT OIL CO.

Project (23 Units)

Young Unit	2	D	16-18-32	60
"	4	B	17-18-32	90
"	6	H	"	100
"	10	K	"	60
"	11	N	"	110
"	13-15	C	20-18-32	250
"	14	B	"	20
"	16	E	"	35
"	17	F	"	70
"	20	I	"	7
"	21	J	"	15
"	22	K	"	80
"	24	N	"	20
"	26	P	"	40
"	28	D	28-18-32	10
"	1	M	9-18-32	Input
"	3	A	17-18-32	"
"	5	G	"	"
"	7	E	16-18-32	"
"	8	F	"	"
"	9	I	17-18-32	"
"	12	D	20-18-32	"
"	18	G	"	"
"	19	H	"	"
"	23	L	"	"
"	25	O	"	"
"	27	M	21-18-32	"
"	29	A	29-18-32	"
"	30	C	"	"
TOTAL	16			967
POOL TOTAL	18			1133

YOUNG WOLFCAMP

Top Allowable 327 GOR Limit 2,000

DEPCO, INC.

Linam Fed.(25)	1	I	21-18-32	25	**3464

UNDESIGNATED & WILDCAT WELLS

GROUP 1, 0-5,000 TOP ALLOWABLE 70

RUNNELS, HAROLD L.
Gulf Grimes(3)1 N 21-18-38 No C-115

GRIMM, JACK F.
Federal 28 1 G 28-14-3β NCT

GROUP 1-AAA, Ogallala

A. R. C. INDUSTRIES, INC.

Bowers A Fed.	1 J	30-18-38	2
"	2 J	"	2
"	3 J	"	2
"	4 J	"	2
"	5 J	"	2
"	6 J	"	2
"	10 J	"	2
"	11 J	"	2
"	12 J	"	2
"	13 J	"	2

ROTARY OIL & GAS CO.

H. D. McKinley	7 F	30-18-38	1
"	8 F	"	1
"	9 F	"	1
"	10 F	"	1

SEED, CHARLES E.

Seed Sec. 30 State			
"	1 K	30-18-38	1
"	2 K	"	1
"	3 K	"	1
"	4 K	"	1
"	5 K	"	1
"	6 K	"	1
"	7 K	"	1
"	8 K	"	1
"	9 K	"	1

GROUP 3, 6-7,000 TOP ALLOWABLE 124

MARK PROD. CO.
Conoco Fed. 2 O 30-20-39 No C-115

GROUP 7, 10-11,000 TOP ALLOWABLE 327

THE SUPERIOR OIL CO.
State H (15) 1 M 2-14-34 15 TSTM

TIPPERARY RESOURCES CORP.
Allen 1 F 1-15-36 182

ALLOCATION OF CONDENSATE & OTHER INCIDENTAL LIQUID HYDROCARBONS

OPERATOR	LEASE	WELL UNIT	S.T.R.	POOL	TOTAL JULY & AUGUST ALLOC.
Amerada Hess Corp.	State F	5 N	36-19-36	Mon. McKee	5520
"	A. G. Falby	3 K	19-24-37	Jalmat	100
"	Fred Turner, Jr. "A"	2 K	18-20-38	Eumont	800
American Trading & Producing Co.					
"	SE Lea Unit	1 J	26-20-35	Lea WC	8000
"	"	2 L	25-20-35	"	1000
Amoco Prod. Co.	H. V. Pike	1 A	6-23-37	Tubb	1500
"	So. Roy Co. A	2 B	9-21-37	"	500
"	"	4 X	4-21-37	"	500
"	State C Tr. 12	4 F	16-21-37	Blinebry	500
"	"	6 C	"	Tubb	750
"	State C Tr. 13	5 E	36-21-37	"	200
Atlantic Richfield Co.	Roy Barton	1 G	23-21-37	Tubb	50
"	MaHaffey Fed.	1 C	14-20-33	Teas Penn	60
"	Sarkeys	3 I	23-21-37	Blinebry	400
"	State 367	2 L	36-21-37	Blinebry	750
"	"	3 K	"	"	150
Cities Service Oil Co.	Brunson B	3 M	3-22-37	"	100
"	"	6 M	"	"	200
"	Brunson C	7 P	"	"	350
"	"	6 I	"	Tubb	200
"	Owen	3 J	35-21-37	"	1000
"	State S	2 F	15-21-37	"	200
Cone, J. R.	Eubanks	2 L	14-21-37	"	1200
"	Anderson	2 I	22-21-37	Blinebry	150
"	"	1 I	21-21-37	Tubb	40
Continental Oil Co.	Hawk B-1	2 J	9-21-37	Blinebry	350
"	"	6 N	"	"	350
"	"	5 K	"	Tubb	350
"	"	7 P	"	"	350
"	"	1 F	"	Blinebry	500
"	"	3 C	"	Tubb	500
"	Lockhart A-27	8 D	27-21-37	Blinebry	200
"	"	10 G	"	Tubb	600
"	"	12 D	"	"	200
"	Lochart B-35	1 G	35-21-37	"	1000
"	"	2 B	"	Blinebry	1000
"	Nolan	1 M	11-21-37	"	400
"	State F-1	6 D	1-21-37	Eumont	50
"	Wantz	8 O	21-21-37	Blinebry	3000
"	"	11 L	"	"	3000
"	"	7 U	"	Tubb	1500
"	"	10 K	"	"	1500
Dalport Oil Co.	Winters	2 L	7-24-37	Jalmat	100
Elliott, Inc.	Elliott	2 J	26-20-36	Eumont	400
Gackle, Albert	Etz	4 I	27-23-36	Jalmat	750
Getty Oil Co.	Coates C Gas Lift			J. Field	465
Gulf Oil Corp.	Andrews	2 G	32-22-38	Blinebry	1000
"	"	2 G	"	Tubb	750
"	"	3 J	"	"	750
"	Bell Ramsay D	1 G	35-20-37	Eumont	90
"	Danglade	1 B	24-22-37	Tubb	600
"	Drinkard NCT-B	1 P	30-22-38	Blinebry	200
"	Lee Stebbins NCT-B	3 A	5-22-37	Tubb	50
"	Watkins	1 O	29-22-38	Tubb	100
Humble Oil & Rfg. Co.	Hardison B	4 B	34-21-37	Blinebry	250
"	"	8 I	27-21-37	"	550
"	"	7 P	"	Tubb	30
"	N. M. State G	4 G	26-21-36	Eumont	1000
"	"	9 G	23-21-36	"	500
"	N. M. State V	11 K	10-21-37	Tubb	500
Leonard Oil Co.	Lanehart	4 E	20-25-36	Jalmat	35
Long, C. E.	Pech State	2 K	32-21-36	"	60
Mobil Oil Corp.	Brunson Argo	13 A	9-22-37	Blinebry	900
"	Carson	8 F	33-21-37	"	200
"	"	19 L	28-21-36	Blinebry	124
"	"	19 L	"	Tubb	124
"	"	8 F	33-21-37	Tubb	200

ALLOCATION OF CONDENSATE & OTHER INCIDENTAL LIQUID HYDROCARBONS CONTINUED

Mobil Oil Corp.	C. Hardy	3 C	29-21-37	Blinebry	900
"	S. E. Long	8 J	11-22-37	"	310
"	"	8 J	"	Tubb	155
"	Marshall Unit	3 D	34-21-37	Blinebry	450
"	"	5 C	"	Tubb	660
Olsen, R.	Christmas	2 A	28-22-36	Jalmat	130
Skelly Oil Co.	E. A. Sticher	4 L	4-22-37	Blinebry	160
"	"	4 L	"	Tubb	160
"	State K	3 C	32-21-37	"	160
Southern Pet.Expl.,Inc.	Downes D	3 N	"	"	350
Tenneco Oil Co.	USA Jennings	1 C	14-24-32	Double X Del.	160
Texaco Inc.	State N.M. BN	1 L	25-11-32	Moore WC	1240
"	Blinebry NCT-1	8 E	33-22-38	Tubb	1000
"	Blinebry NCT-2	5 M	29-22-38	Tubb	570
"	Blinebry NCT-4	1 P	21-22-38	Blinebry	600
"	"	1 P	"	Tubb	1200
"	Henderson	2 A	30-21-37	Blinebry	1000
Texas Pacific Oil Co., Inc.					
"	S. E. Cone	1 J	26-21-37	Blinebry	300
"	Sarkey	2 D	25-21-37	"	62
Union Texas Natural Gas	Britt A	7 K	6-20-37	Mon.McKee	3000
"	Western Federal	1 D	5-23-38	Tubb	496
United States Smelting, Refining & Mining Co.					
"	Federal	1 F	11-20-34	Lea Penn	600
"	"	2 N	"	"	3000
Western Natural Gas Co.	Matkins	1 P	15-23-36	Jalmat	250
Wolfson Oil Co.	Danglade	1 B	24-22-37	Tubb	1800

BONUS ALLOWABLE

OPERATOR	WELL	LOCATION	POOL	ACCOM. TOTAL ASSIGNED	TOTAL BONUS	JULY & AUGUST DAILY	JULY TOTAL	AUGUST TOTAL	REMAINING BONUS
Amoco Production Company	Plains Ut. Fed. #7	D-33-19-32	Lusk Delaware	23560	23560	33	493	- 0 -	- 0 -
Aztec Oil & Gas Company	State DS #1	N-24-17-36	Spencer SA	24500	24940	35	1085	1085	440
Jack F. Grimm	Federal 28 #1	G-28-14-30	Vest Ranch Queen	1845	10710	15	465	465	8865
Lone Star Production Co.	N. M. 80 St. #1	B-33-14-34	Tres Papalotes Penn	35136	52340	72	2232	2232	17204
Phillips Petroleum Co.	Marley #1	P-3-11-31	Tower SA	14152	20740	29	899	899	6588
Texaco Inc.	Harris Fed. #1	I-22-7-35	Todd Wolfcamp	13122	38025	54	1674	1674	24903

SUMMARY OF ALLOCATION SOUTHEASTERN NEW MEXICO

FIELD	PROD. FORM.	DEPTH RANGE M.FT.	PROPOR-TIONAL FACTOR	NO.OF NON-MARG. UNITS	TOP UNIT ALLOW.	TOTAL NON-MARG. ALLOC.	ALLOW. BY ACREAGE ADJUST.	(WATER FLD.) ADJ.ALLOW. OVER N.U. ALLOW.	NO.OF MARG. WELLS	MARG. ALLOC.	TOTAL WELLS	TOTAL ALLOC.
DISTRICT 1												
ALLISON ABO	ABO	8 - 9	3.00		210				1	3	1	3
ALLISON PENN (80)	PENN	9 -10	4.77	1	334	334			22	1100	23	1434
ANDERSON RANCH DEVONIAN	DEV	13-14	8.00		560				3	178	3	178
ANDERSON RANCH WOLFCAMP	WC	9 -10	3.77	1	264	264			10	256	11	520
ANDERSON RANCH WC, NORTH (80)	WC	9 -10	4.77		334				8	280	8	280
ARKANSAS JUNCTION SAN ANDRES	SA	0 - 5	1.00		70				9	108	9	108
ARROWHEAD DRINKARD	DR	6 - 7	1.77		124				1	20	1	20
ARROWHEAD GRAYBURG	GB	0 - 5	1.00	2	70	140			55	650	57	790
AUSTIN WOLFCAMP	WC	10-11	4.67		327				1	20	1	20
BAGLEY PENN	PENN	9 -10	3.77		264				15	677	15	677
BAGLEY PENN, EAST	PENN	9 -10	3.77		264				1	7	1	7
BAGLEY PENN, NORTH (80)	PENN	10-11	5.67	5	397	1985			159	19037	164	21022
BAGLEY UPPER PENN GAS	PENN	8 - 9	3.00		210				1	1	1	1
BAGLEY SILURO DEVONIAN (80)	DEV	10-11	5.67	1	397	397			13	1364	14	1761
BAGLEY WOLFCAMP	WC	8 - 9	3.00		210							
BAGLEY WOLFCAMP, NORTH	WC	8 - 9	3.00		210				4	59	4	59
BAGLEY WOLFCAMP, NE (80)	WC	8 - 9	4.00		280				1	15	1	15
BAISH YATES	Y	0 - 5	1.00		70				4	17	4	17
BAISH WOLFCAMP (80)	WC	9 -10	4.77		334				4	125	4	125
BAISH WOLFCAMP, NORTH	WC	10-11	4.67		327				1	13	1	13
BAR-U PENN (160)	PENN	9 -10	4.77		334				8	307	8	307
BATTLEAXE DELAWARE	DEL	0 - 5	1.00		70				3	41	3	41
BAUM UPPER PENN (160)	PENN	9 -10	4.77	4	334	1336			27	3600	31	4936
BAUM UPPER PENN, NORTH (160)	PENN	9 -10	6.77		474				12	1085	12	1085
BELL LAKE BONE SPRINGS	BS	8 - 9	3.00		210				1	15	1	15
BISHOP CANYON QUEEN	Q	0 - 5	1.00		70				2	27	2	27
BISHOP CANYON SAN ANDRES	SA	0 - 5	1.00		70				2	25	2	25
BLINEBRY	B	5 - 6	1.99		94				234	2881	234	2881
BLUITT SAN ANDRES ASSOC.(80)	SA	0 - 5	2.00	3	140	420			19	895	22	1315
BOUGH DEVONIAN (80)	DEV	11-12	6.67	2	467	934			1	221	3	1155
BOUGH PERMO PENN	PENN	9 -10	3.77		264				22	2458	22	2458
BOWERS SEVEN RIVERS	SE	0 - 5	1.00		70				20	86	20	86
BRONCO MISSISSIPPIAN	MISS	10-11	4.67		327				1	80	1	80
BRONCO SILURO DEVONIAN	SD	11-12	5.67		397				10	1517	10	1517
BRONCO DEVONIAN, WEST	DEV	12-13	6.75		473				1	195	1	195
BRONCO WOLFCAMP	WC	9 -10	3.77		125				9	187	9	187
BRUNSON ELLENBURGER	ELL	7 - 8	2.33		164				21	201	21	201

SUMMARY OF ALLOCATION CONTINUED

BRUNSON ELLENBURGER, EAST	ELL	7 - 8	2.33		164				1	7	1	7
BRUNSON ELLENBURGER, SOUTH	ELL	7 - 8	2.33		164				4	57	4	57
BRUNSON GRANITE WASH, EAST	GW	7 - 8	2.33		164				2	121	2	121
BRUNSON McKEE, EAST	McK	7 - 8	2.33		164				2	49	2	49
BUCKEYE ABO	ABO	9 -10	3.77		264				4	279	4	279
BUFFALO PENN, SOUTH	PENN	11-12	5.67		397				1	5	1	5
BUTTON MESA SAN ANDRES, SO.	SA	0 - 5	1.00		70				2	15	2	15
CAPROCK QUEEN	Q	0 - 5	1.00	1	70	70		60	161	2235	162	2365
CAPROCK DEVONIAN, EAST	DEV	11-12	5.67		397				11	768	11	768
CAPROCK WOLFCAMP, EAST	WC	8 - 9	3.00		210				2	16	2	16
CARTER SAN ANDRES, SOUTH	SA	5 - 6	1.33		45				10	216	10	216
CARY MONTOYA	MONT	7 - 8	2.33		164				1	5	1	5
CASS (80)	PENN	7 - 8	3.33		234				4	207	4	207
CATO SAN ANDRES	SA	0 - 5	1.00	7	70	490			206	3818	213	4308
CAUDILL PERMO PENN	PP	10-11	4.67		327				5	85	5	85
CERCA UPPER PENN (160)	PENN	10-11	7.67		537				13	977	13	977
CERCA LOWER WOLFCAMP	WC	10-11	4.67		327				1	80	1	80
CHAMBERS WOLFCAMP	WC	10-11	4.67		327				2	27	2	27
CHAVEROO SAN ANDRES	SA	0 - 5	1.00	1	70	70			380	4562	381	4632
CHAVEROO SAN ANDRES, NE	SA	0 - 5	1.00		70				2	5	2	5
CLINE DRINKARD-ABO	DR-ABO	6 - 7	1.77		124				3	67	3	67
CORBIN ABO	ABO	8 - 9	3.00		210				36	1780	36	1786
CORBIN QUEEN	QU	0 - 5	1.00		70				15	59	15	59
CORBIN QUEEN, SOUTH	QU	0 - 5	1.00		70				4	34	4	34
CORBIN STRAWN, SOUTH	ST	12-13	6.75		473				1	24	1	24
CORBIN WOLFCAMP, EAST	WC	10-11	4.67		327				1	9	1	9
CORBIN WOLFCAMP, SOUTH	WC	11-12	5.67		397				2	7	2	7
CORBIN YATES	Y	0 - 5	1.00		70				2	2	2	2
CORMAC SAN ANDRES	SA	0 - 5	1.00		70							
CROSSROADS ATOKA, WEST	ATK	10-11	5.67		397				1	20	1	20
CROSSROADS SILURO DEVONIAN	SD	12-13	6.75	3	473	1419			15	4178	18	5597
CROSSROADS DEVONIAN, EAST	DEV	12-13	6.75		473				2	175	2	175
CROSSROADS DEVONIAN, SO.(80)	DEV	12-13	7.75		543				4	286	4	286
CROSSROADS DEVONIAN, WEST	DEV	12-13	6.75		473				2	180	2	180
CROSSROADS SAN ANDRES	SA	0 - 5	1.00		70				1	7	1	7
CRUZ DELAWARE	DEL	5 - 6	1.33		94				4	61	4	61
D-K ABO	ABO	7 - 8	2.33		164				4	167	4	167
D-K DRINKARD	DR	6 - 7	1.77		124				3	39	3	39
DEAN DEVONIAN	DEV	13-14	8.00		560				3	65	3	65
DEAN PERMO PENN (80)	PENN	11-12	6.67		467				7	184	7	184
DENTON DEVONIAN	DEV	11-12	5.67		397				74	4853	74	4853
DENTON DEVONIAN, SOUTH	DEV	13-14	8.00		560				2	160	2	160
DENTON WOLFCAMP	WC	9 -10	3.77		264				71	2538	71	2538

SUMMARY OF ALLOCATION CONTINUED

DENTON WOLFCAMP, SOUTH	WC	9 -10	3.77		264				1	40	1	40
DICKINSON DEVONIAN, EAST	DEV	10-11	5.67		397				1	35	1	35
DICKINSON PENN	PENN	11-12	5.67		397				1	4	1	4
DOGIE DRAW WOLFCAMP	WC	13-14	8.00		560				1	25	1	25
DOLLARHIDE DEVONIAN	DEV	8 - 9	3.00	2	100	200		344	6	250	8	794
DOLLARHIDE ELLENBURGER	ELL	10-11	4.67		327				4	107	4	107
DOLLARHIDE FUSSELMAN	F	8 - 9	3.00		210				7	350	7	350
DOLLARHIDE QUEEN	QU	0 - 5	1.00	1	70	70			41	363	42	433
DOLLARHIDE TUBB DRINKARD	DR	6 - 7	1.77	1	91	91		27	43	678	44	796
DOUBLE A ABO, SOUTH	ABO	9 -10	3.77		264				1	30	1	30
DOUBLE A ABO LOWER	ABO	9 -10	3.77		264				2	88	2	88
DOUBLE A ABO UPPER	ABO	9 -10	3.77		264				1	40	1	40
DOUBLE L QUEEN	QU	0 - 5	1.00	3	70	210			18	748	21	958
DOUBLE X DELAWARE	DEL	0 - 5	1.00		70				16	176	16	176
DRINKARD	DR	6 - 7	1.77	1	124	124		76	468	3467	469	3667
DUBLIN DEVONIAN	DEV	9 -10	3.77		264				1	4	1	4
E-K YATES SEVEN RIVERS QUEEN	Q-Y-SR	0 - 5	1.00	2	70	140		20	45	591	47	751
E-K QUEEN, EAST	QU	0 - 5	1.00	1	70	70		15	7	151	8	236
ECHOLS DEVONIAN	DEV	11-12	5.67		397				1	83	1	83
ECHOLS DEVONIAN, EAST	DEV	12-13	6.75		473							
ECHOLS DEVONIAN, NORTH	DEV	12-13	6.75		473				1	30	1	30
EIDSON PENNSYLVANIAN	PENN	10-11	4.67		327				1	10	1	10
EL MAR DELAWARE	DEL	0 - 5	1.00		70				51	523	51	523
EMERALD ABO	ABO	9 -10	3.77		264				1	20	1	20
EUMONT YATES 7 RIVERS QUEEN	Y-SR-Q	0 - 5	1.00	10	70	700		321	377	3804	387	4825
EUNICE GRAYBURG SAN ANDRES	G-SA	0 - 5	1.00	9	70	630			250	3373	259	4003
EUNICE SAN ANDRES, SO. (80)	SA	0 - 5	2.00	2	140	280			2	218	4	498
EUNICE, SOUTH	SR-Q	0 - 5	1.00		70				176	905	176	905
FEATHER WOLFCAMP	WC	9 -10	3.77		264				1	27	1	27
FIELD RANCH WOLFCAMP	WC	9 -10	3.77		264				1	7	1	7
FLYING M ABO (80)	ABO	8 - 9	4.00		280				3	91	3	91
FLYING M PENN	PENN	9 -10	3.77		264				1	35	1	35
FLYING M PENN, SOUTH (80)	PENN	9 -10	4.77		334				4	218	4	218
FLYING M SAN ANDRES (80)	SA	0 - 5	2.00	1	140	160			33	917	34	1077
FOSTER SAN ANDRES	SA	0 - 5	1.00		70				1	9	1	9
FOUR LAKES PENN (80)	PENN	10-11	5.67		397				2	246	2	246
FOWLER DEVONIAN	DEV	7 - 8	2.33		164				3	190	3	190
FOWLER ELLENBURGER (80)	ELL	9 -10	4.77		334				16	1545	16	1545
FOWLER FUSSELMAN	F	7 - 8	2.33		164							
FOWLER UPPER YESTO (80)	UY	5 - 6	2.33	3	164	492			21	436	24	928
GALLINA SAN ANDRES	SA	0 - 5	1.00		70				1	10	1	10
GARRETT DEVONIAN, WEST	DEV	12-13	6.75		473				4	1035	4	1035
GARRETT SAN ANDRES	SA	5 - 6	1.33		94				1	4	1	4

SUMMARY OF ALLOCATION CONTINUED

GEM YATES, EAST	Y	0 - 5	1.00	1	70	70				1	70
GLADIOLA DEVONIAN	DEV	12-13	6.75		473			21	1034	21	1034
GLADIOLA DEVONIAN SW (80)	DEV	12-13	7.75		543			7	755	7	755
GLADIOLA PENN SW (80)	PENN	11-12	6.67		467			1	25	1	25
GLADIOLA WOLFCAMP	WC	9 -10	3.77		264			4	172	4	172
GOODWIN ABO	ABO	7 - 8	2.33		164			2	64	2	64
GOODWIN DRINKARD	DR	7 - 8	2.33		164			3	47	3	47
HALFWAY YATES	Y	0 - 5	1.00		70			3	52	3	52
HARDY BLINEBRY	BL	5 - 6	1.33		94			2	20	2	20
HARE SIMPSON	SIM	7 - 8	2.33		164			21	289	21	289
HIGH PLAINS PENN (160)	PENN	10-11	7.67		537			3	78	3	78
HIGHTOWER PERMO PENN	PENN	8 - 9	3.00		210			4	45	4	45
HIGHTOWER LOWER PENN, E.(80)	PENN	10-11	5.67		397			1	20	1	20
HIGHTOWER UPPER PENN, E.(80)	PENN	9 -10	4.77		334			3	97	3	97
HOBBS BLINEBRY	BL	5 - 6	1.33	12	94	1128		18	685	30	1813
HOBBS BLINEBRY, EAST	BL	6 - 7	1.77		124			1	14	1	14
HOBBS DRINKARD (80)	DR	6 - 7	2.77		194			14	629	14	629
HOBBS SAN ANDRES GRAYBURG	SA-G	0 - 5	1.00	116	70	8120		219	5447	335	13567
HOBBS SAN ANDRES, EAST	SA	0 - 5	1.00	1	70	70		19	433	20	503
HOUSE DRINKARD	DR	6 - 7	1.77		124			12	113	12	113
HOUSE SAN ANDRES	SA	0 - 5	1.00		70			6	37	6	37
HUME QUEEN, WEST	QU	0 - 5	1.00		70			2	12	2	12
IMPERIAL TUBB DRINKARD	DR	6 - 7	1.77		124						
INBE PERMO PENN (80)	PENN	9 -10	4.77		334			98	2918	98	2918
JAL DELAWARE, WEST	DEL	7 - 8	2.33		164			1	6	1	6
JALMAT YATES SEVEN RIVERS	T-Y-SR	0 - 5	1.00	4	70	280	41	220	2089	224	2410
JAL STRAWN WEST, GAS	ST	10-11	5.67		397			1	19	1	19
JENKINS CISCO (160)	CIS	9 -10	4.77		334			6	417	6	417
JUSTIS ABO, NORTH	ABO	6 - 7	1.88		124			1	2	1	2
JUSTIS BLINEBRY	BL	5 - 6	1.33	5	94	470		165	4568	170	5038
JUSTIS DEVONIAN, NORTH	DEV	7 - 8	2.33		164			4	23	4	23
JUSTIS ELLENBURGER	ELL	8 - 9	3.00	1	210	210		7	462	8	672
JUSTIS ELLENBURGER, NORTH	ELL	8 - 9	3.00		210			2	63	2	63
JUSTIS FUSSELMAN	F	7 - 8	2.33	2	164	328		20	816	22	1144
JUSTIS FUSSELMAN, NORTH	F	7 - 8	2.33		164			14	452	14	452
JUSTIS GLORIETA, NORTH	GLO	0 - 5	1.00		70			1	2	1	2
JUSTIS McKEE	McK	7 - 8	2.33		164			4	74	4	74
JUSTIS McKEE, NORTH	McK	7 - 8	2.33		164			1	77	1	77
JUSTIS MONTOYA	MON	7 - 8	2.33		164			12	309	12	309
JUSTIS MONTOYA, NORTH	MON	7 - 8	2.33		164			3	69	3	69
JUSTIS TUBB DRINKARD	DR	5 - 6	1.33	1	94	94		54	632	55	726
KEMNITZ LOWER WOLFCAMP (80)	WC	10-11	5.67		397			27	815	27	815
KEMNITZ LOWER WC, WEST (80)	WC	10-11	5.67		397			4	157	4	157

SUMMARY OF ALLOCATION CONTINUED

KEMNITZ UPPER WOLFCAMP, SO.	WC	10-11	4.67		327			1	8	1	8
KEMNITZ CISCO PENN	CIS	11-12	5.67		397			1	10	1	10
KING DEVONIAN	DEV	12-13	6.75		473			6	495	6	495
KING PENNSYLVANIAN	PENN	10-11	4.67		327			1	10	1	10
KING WOLFCAMP	WC	10-11	4.67		327			1	12	1	12
KNOWLES (80)	DEV	12-13	6.75		946			5	243	5	243
KNOWLES DEVONIAN, SOUTH	DEV	12-13	6.75		140			10	425	10	425
LANGLIE MATTIX	SR	0 - 5	1.00	38	70	2660	2411	655	6044	693	11115
LAZY J PENN	PENN	9 -10	3.77		264			23	827	23	827
LEA BONE SPRINGS (80)	BS	9 -10	4.77	5	334	1670		3	312	8	1982
LEA DEVONIAN (160)	DEV	14-15	12.33		864			8	760	8	760
LEA YATES	Y	0 - 5	1.00		70			1	3	1	3
LEAMEX PENNSYLVANIAN	PENN	11-12	5.67		397			2	110	2	110
LEAMEX WOLFCAMP	WC	10-11	4.67		327			2	45	2	45
LEONARD SEVEN RIVERS	SR	0 - 5	1.00		70			2	27	2	27
LEONARD QUEEN, SOUTH	QU	0 - 5	1.00		70			11	191	11	191
LIGHTCAP DEVONIAN	DEV	7 - 8	2.33		164			2	31	2	31
LITTLE LUCKY LAKE DEVONIAN	DEV	11-12	5.67		397			3	281	3	281
LITTMAN SAN ANDRES	SA	0 - 5	1.00		70			6	44	6	44
LONE MISSISSIPPIAN	MISS	8 - 9	3.00		210			1	10	1	10
LOOP 18 MONTOYA	MON	7 - 8	2.33		164			1	5	1	5
LOVINGTON ABO	ABO	8 - 9	3.00	2	210	420		34	1793	36	2213
LOVINGTON DEVONIAN (80)	DEV	11-12	6.67		467			2	422	2	422
LOVINGTON PADDOCK	P	6 - 7	1.77		124			77	993	77	993
LOVINGTON PENN, EAST	PENN	11-12	5.67		397			3	693	3	693
LOVINGTON PENN, NE (80)	PENN	11-12	6.67		467			7	527	7	527
LOVINGTON SAN ANDRES	SA	0 - 5	1.00	2	70	140	42	37	682	39	864
LOVINGTON SAN ANDRES, WEST	SA	0 - 5	1.00	1	70	70	6	33	685	34	761
LUSK DELAWARE	DEL	0 - 5	1.00		70			2	50	2	50
LUSK SEVEN RIVERS	SR	0 - 5	1.00		70			6	54	6	54
LUSK STRAWN (160)	ST	11-12	8.67		607			20	340	20	340
LUSK YATES	Y	0 - 5	1.00		70			4	23	4	23
LYNCH SEVEN RIVERS YATES	Y-SR	0 - 5	1.00	1	70	70		42	532	43	602
LYNCH 7 RIVERS YATES MIDDLE	Y-SR	0 - 5	1.00		70			2	14	2	14
LYNCH 7 RIVERS YATES, NORTH	Y-SR	0 - 5	1.00		70			2	17	2	17
MALJAMAR ABO (80)	ABO	8 - 9	4.00		280			4	76	4	76
MALJAMAR	G-SA	0 - 5	1.00	10	70	700	109	207	3407	217	4216
MALJAMAR REPRESS.	G-SA	0 - 5	1.00	91	70	6370	9453	90	2773	181	18596
MALJAMAR PADDOCK	P	5 - 6	1.33		94			3	75	3	75
MALJAMAR WOLFCAMP	WC	10-11	4.67		327			1	21	1	21
MASON DELAWARE, EAST	DEL	0 - 5	1.00		70			7	106	7	106
MASON DELAWARE, NORTH	DEL	0 - 5	1.00		71			5	26	5	26
McCORMACK SILURIAN	SIL	7 - 8	2.33		164			2	59	2	59

SUMMARY OF ALLOCATION CONTINUED

McCORMACK SILURIAN, SOUTH	SIL	7 - 8	2.33	1	164	164			5	268	6	432
MEDICINE ROCK DEVONIAN (80)	DEV	12-13	7.75		543				4	130	4	130
MESA QUEEN	QU	0 - 5	1.00	12	70	840		360			12	1200
MESCALERO CISCO, NORTH	CIS	8 - 9	3.00		210				2	178	2	178
MESCALERO DEVONIAN	DEV	9 -10	3.77	3	264	792					3	792
MESCALERO PERMO PENN	PENN	8 - 9	3.00		210				3	30	3	30
MESCALERO PENN, WEST (160)	PENN	8 - 9	4.00		280							
MESCALERO SAN ANDRES	SA	0 - 5	1.00	3	70	210			39	1045	42	1255
MESCALERO WOLFCAMP, NORTH	WC	8 - 9	3.00		210				1	5	1	5
MIDWAY ABO	ABO	8 - 9	3.00		210				13	290	13	290
MIDWAY SAN ANDRES	SA	5 - 6	1.33		94				1	50	1	50
MILNESAND PENNSYLVANIAN	PENN	9 -10	3.77		264				3	232	3	232
MILNESAND SAN ANDRES	SA	0 - 5	1.00		70				126	1011	126	1011
MILNESAND SAN ANDRES, WEST	SA	0 - 5	1.00		70				1	7	1	7
MONUMENT BLINEBRY	BL	5 - 6	1.33	1	94	94			27	606	28	700
MONUMENT (G-SA)	G-SA	0 - 5	1.00	60	70	4200			324	6146	384	10346
MONUMENT PADDOCK	P	5 - 6	1.33		94				22	561	22	561
MONUMENT TUBB (80)	T	6 - 7	2.77		194				29	338	29	338
MOORE DEVONIAN	DEV	10-11	4.67	5	327	1635			7	878	12	2513
MOORE PERMO PENNSYLVANIAN	PENN	9 -10	3.77		264				1	30	1	30
MORTON WOLFCAMP, EAST (80)	WC	10-11	5.67	1	397	397			2	189	3	586
MORTON PERMO PENN, NORTH	P-PE	10-11	4.67		327				3	181	3	181
MORTON WOLFCAMP (80)	WC	10-11	5.67		397				6	382	6	382
NADINE DRINKARD	DR	7 - 8	2.33		164				4	31	4	31
NONOMBRE LOWER PENN (160)	PENN	10-11	7.67		537				2	240	2	240
NONOMBRE MIDDLE PENN	PENN	10-11	4.67		327				1	55	1	55
NONOMBRE UPPER PENN (160)	PENN	10-11	7.67		537				2	95	2	95
OIL CENTER BLINEBRY (80)	BL	5 - 6	2.33		164				32	1143	32	1143
OSUDO WOLFCAMP	WC	10-11	4.67		327				1	14	1	14
PADDOCK	P	5 - 6	1.33	1	94	94			107	1556	108	1650
PADDOCK, SOUTH	P	5 - 6	1.33	2	94	188			10	323	12	511
PADUCA DELAWARE	DEL	0 - 5	1.00	16	70	1120		540	30	1044	46	2704
PADUCA DELAWARE, EAST	DEL	0 - 5	1.00		70				1	16	1	16
PADUCA DELAWARE, NORTH	DEL	0 - 5	1.00		70				3	37	3	37
PEARL QUEEN	QU	0 - 5	1.00	9	70	630		105	124	2226	133	2961
PEARL QUEEN, EAST	QU	0 - 5	1.00		70				1	4	1	4
PEARL SAN ANDRES	SA	5 - 6	1.33		94				1	15	1	15
PEARL SEVEN RIVERS	SR	0 - 5	1.00		70				3	19	3	19
PEARSALL QUEEN	QU	0 - 5	1.00		70				17	272	17	272
PENROSE SKELLY	GB	0 - 5	1.00	6	70	420			119	1026	125	1446
PRAIRIE CISCO,SO. (80)	CIS	9 -10	4.77	1	334	334			15	1049	16	1383
PRAIRIE DEVONIAN, SOUTH (80)	DEV	12-13	7.75		543				2	93	2	93
PRAIRIE SAN ANDRES, SOUTH	SA	0 - 5	1.00	1	70	70			2	28	3	98

SUMMARY OF ALLOCATION CONTINUED

QUAIL RIDGE BONE SPRINGS	BS	10-11	4.67		327			3	240	3	240
QUAIL RIDGE YATES, SOUTH	Y	0 - 5	1.00		70			1	8	1	8
QUAIL QUEEN	QU	5 - 6	1.33		94			6	99	6	99
QUERECHO PLAINS DELAWARE	DEL	6 - 7	1.77		124			1	3	1	3
QUERECHO PLAINS PENN	PENN	11-12	5.67		397			1	35	1	35
RANGER LAKE BOUGH (80)	PENN	9 -10	4.77		334			1	60	1	60
RANGER LAKE PENN (80)	PENN	10-11	5.67		397			7	280	7	280
REEVES PENNSYLVANIAN	PENN	10-11	4.67		327			2	20	2	20
RHODES YATES	Y	0 - 5	1.00	1	70	70	69	34	478	35	617
S.R.R. DEVONIAN	DEV	11-12	5.67		397			1	40	1	40
SALADO DRAW DELAWARE	DEL	5 - 6	1.33		94			6	77	6	77
SALT LAKE YATES	Y	0 - 5	1.00		70			5	49	5	49
SAN MIGUEL YATES & 7 RIVERS	Y-SR	0 - 5	1.00		70			1	6	1	6
SAN SIMON YATES, NORTH	Y	0 - 5	1.00		70			15	42	15	42
SANMAL SAN ANDRES	SA	0 - 5	1.00		70			1	5	1	5
SANMAL WOLFCAMP	WC	10-11	4.67		327			1	20	1	20
SAUNDERS PERMO PENN	P-PE	9 -10	3.77		264			54	1015	54	1015
SAUNDERS PERMO PENN, E.(160)	P-P E	10-11	7.67		537			5	383	5	383
SAUNDERS PERMO PENN, SOUTH	P-PE	10-11	4.68		327			1	15	1	15
SAWYER DEVONIAN, NORTH	DEV	11-12	6.67		467			1	60	1	60
SAWYER SAN ANDRES	SA	0 - 5	1.00		70			8	63	8	63
SAWYER SAN ANDRES, WEST (80)	SA	0 - 5	2.00	1	140	140		20	411	21	551
SCARBOROUGH YATES 7 RIVERS	Y-SA	0 - 5	1.00	2	128	256		49	1261	51	1517
SCHARB BONE SPRING (80)	BS	10-11	5.67		397			17	1249	17	1249
SHOE BAR DEVONIAN	DEV	12-13	6.75		473			1	2	1	2
SHOE BAR DEVONIAN, EAST	DEV	13-14	9.00		630			3	550	3	550
SHOE BAR PENNSYLVANIAN	PENN	10-11	4.67		327			3	62	3	62
SHOE BAR PENN, NORTH	PENN	10-11	4.67		327			1	6	1	6
SHOE BAR WOLFCAMP	WC	10-11	4.67		327			1	13	1	13
SIETE SAN ANDRES	SA	0 - 5	1.00		70			2	50	2	50
SKAGGS DRINKARD	DR	6 - 7	1.77		124			12	174	12	174
SKAGGS GLORIETA	GLO	5 - 6	1.33	1	94	94		9	247	10	341
SKAGGS GRAYBURG	GB	0 - 5	1.00		70			46	863	46	863
SPENCER PENNSYLVANIAN	PENN	9 -10	3.77		264			1	12	1	12
SPENCER SAN ANDRES	SA	0 - 5	1.00		70			7	297	7	297
STATELINE ELLENBURGER (80)	ELL	12-13	7.75		543			10	847	10	847
TATUM WOLFCAMP (80)	WC	10-11	5.67		397			2	62	2	62
TEAGUE BLINEBRY	BL	5 - 6	1.33	1	94	94		54	1220	55	1314
TEAGUE DEVONIAN	DEV	7 - 8	2.33		164			2	12	2	12
TEAGUE ELLENBURGER	ELL	9 -10	3.77		264			2	55	2	55
TEAGUE GRAYBURG	GB	0 - 5	1.00		70			1	1	1	1
TEAGUE SIMPSON	SIM	9 -10	3.77		264			8	315	8	315
TEAS BONE SPRINGS	BS	9 -10	3.77		264			1	18	1	18

SUMMARY OF ALLOCATION CONTINUED

TEAS YATES & 7 RIVERS	Y-SR	0 - 5	1.00		70			19	137	19	137
TEAS YATES & 7 RIVERS, WEST	T-SR	0 - 5	1.00	1	70	70		6	114	7	184
TERRY BLINEBRY	BL	5 - 6	1.33		94			102	826	102	826
TOBAC PENNSYLVANIAN (80)	PENN	9 -10	4.77		334			27	879	27	879
TODD LOWER SAN ANDRES (80)	SA	0 - 5	2.00		140			40	636	40	636
TODD WOLFCAMP	WC	7 - 8	2.33		164			3	270	3	270
TOM-TOM SAN ANDRES	SA	0 - 5	1.00		70			4	39	4	39
TONTO YATES, SOUTH	Y	0 - 5	1.00		70			6	19	6	19
TONTO YATES & 7 RIVERS, WEST	SR	0 - 5	1.00	1	70	70		1	3	2	73
TOWNSEND WOLFCAMP	WC	10-11	4.67		327			37	762	37	762
TRES PAPALOTES PENN (160)	PENN	10-11	7.67		537			4	1306	4	1306
TRISTE DRAW DELAWARE	DEL	5 - 6	1.33		94			9	61	9	61
TUBB (OIL)	T	6 - 7	1.77		124			40	263	40	263
TULK PENN (160)	PENN	9 -10	4.77		334			5	330	5	330
TULK WOLFCAMP	WC	9 -10	3.77		264			7	276	7	276
TULK UPPER WOLFCAMP, SOUTH	WC	9 -10	3.77		264			1	23	1	23
VACUUM	G-SA	0 - 5	1.00	148	70	10360	609	299	5029	447	15998
VACUUM ABO, NORTH (80)	ABO	9 -10	4.77	1	334	334		68	5459	69	5793
VACUUM ABO, NORTHWEST	ABO	8 - 9	3.00		210			2	78	2	78
VACUUM ABO REEF	ABO	8 - 9	3.00	41	210	8610		92	6799	133	15409
VACUUM BLINEBRY	BL	6 - 7	1.77	1	124	124		11	262	12	386
VACUUM BONE SPRINGS, SOUTH	BS	8 - 9	3.00		210			1	48	1	48
VACUUM DEVONIAN, MID	DEV	11-12	5.67		397			3	203	3	203
VACUUM DEVONIAN, SOUTH (80)	DEV	11-12	6.67		467			8	703	8	703
VACUUM GLORIETA	GLO	5 - 6	1.33	73	94	6862		88	3218	161	10080
VACUUM LOWER PENN	PENN	11-12	5.67		397			1	4	1	4
VACUUM PENN MIDDLE	PENN	10-11	4.67		327			2	80	2	80
VACUUM PENN, NORTHWEST	PENN	10-11	5.67		397			2	59	2	59
VACUUM PENN UPPER (80)	PENN	10-11	5.67		397			16	1075	16	1075
VACUUM WOLFCAMP (80)	WC	9 -10	4.77		334			29	803	29	803
VACUUM LOWER WC, NO. (80)	WC	10-11	5.67		397			9	423	9	423
VACUUM WOLFCAMP, NORTHWEST	WC	10-11	4.67		327			5	556	5	556
VACUUM YATES	Y	0 - 5	1.00		70			7	20	7	20
VADA PENN (160)	PENN	9 -10	4.77	21	334	7014		239	28363	260	35377
VEST RANCH QUEEN	QU	0 - 5	1.00	1	70	70				1	70
WANTZ ABO	ABO	7 - 8	2.33		164			65	783	65	783
WANTZ GRANITE WASH	GW	7 - 8	2.33		164			2	19	2	19
WARREN BLINEBRY	BL	5 - 6	1.33		94			1	4	1	4
WARREN BLINEBRY, WEST	BL	5 - 6	1.33		94			1	19	1	19
WARREN DEVONIAN (80)	DEV	7 - 8	3.33	1	234	234		1	23	2	257
WARREN DRINKARD	DR	6 - 7	1.77		124			2	50	2	50
WARREN DRINKARD, EAST	DR	6 - 7	1.77		124			1	7	1	7
WARREN McKEE	SIM	9 -10	3.77		264			27	730	27	730

SUMMARY OF ALLOCATION CONTINUED

WATKINS GRAYBURG	GB	0 - 5	1.00		70					
WEIR BLINEBRY	BL	5 - 6	1.33		94			1	22	1	22
WEIR BLINEBRY, EAST	BL	5 - 6	1.33		94			9	171	9	171
WEIR DRINKARD	DR	6 - 7	1.77		124			12	141	12	141
WEIR TUBB, EAST	TUBB	6 - 7	1.77		124			2	24	2	24
WILSON BONE SPRINGS	BS	9 -10	3.77		264			6	40	6	40
WILSON YATES SEVEN RIVERS	Y-SR	0 - 5	1.00		70			1	133	1	133
WILSON YATES 7 RIVERS, NORTH	Y-SR	0 - 5	1.00		70			17	245	17	245
WILSON YATES 7 RIVERS, WEST	Y-SR	0 - 5	1.00		70			1	2	1	2
YOUNG QUEEN	QU	0 - 5	1.00	7	70	490	346	3	25	3	25
YOUNG WOLFCAMP	WC	10-11	4.67		327			11	297	18	1133
								1	25	1	25

UNDESIGNATED WELLS

GROUP 1		0 - 5	1.00		70					
GROUP 1-A		0 - 5	2.00		140					
GROUP 1-AA		0 - 5			128					
GROUP 1-AAA		Ogallala								
GROUP 2		5 - 6	1.33		94			23	33	23	33
GROUP 2-A		5 - 6	2.33		164					
GROUP 3		6 - 7	1.77		124					
GROUP 3-A		6 - 7	2.77		194					
GROUP 3-AA		6 - 7	2.77		194					
GROUP 4		7 - 8	2.33		164					
GROUP 4-A		7 - 8	3.33		234					
GROUP 5		8 - 9	3.00		210					
GROUP 5-A		8 - 9	4.00		280					
GROUP 6		9 -10	3.77		264					
GROUP 6-A		9 -10	4.77		334					
GROUP 6-AA		9 -10			125					
GROUP 7		10-11	4.67		327					
GROUP 7-A		10-11	5.67		397			2	197	2	197
GROUP 7-AA		10-11	7.67		537					
GROUP 8		11-12	5.67		397					
GROUP 8-A		11-12	6.67		467					
GROUP 8-AA		11-12	8.67		630					
GROUP 8-AAA		11-12	5.67		397					

SUMMARY OF ALLOCATION CONTINUED

UNDESIGNATED WELLS CONTINUED

GROUP 9	12-13	6.75	473
GROUP 9-A	12-13	7.75	543
GROUP 10	13-14	8.00	560
GROUP 10-A	12-13	9.00	630
GROUP 11	14-15	9.33	654
GROUP 11-A	14-15	10.33	724
GROUP 11-AA	14-15	12.33	864

DISTRICT 1	784	79976		14954	8624	229046	9408	323976
DISTRICT 11	255	27394	62	3550	2619	27801	2874	58807
GRAND TOTALS	1039	107370	62	18504	11243	256847	12282	382783

Docket No. 15-71

DOCKET: REGULAR HEARING - WEDNESDAY - JULY 21, 1971

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 10
Case No. 4552 (de novo)

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
OCC Exhibit No. 11
Case No. 4552 (de novo)

MEMO NO. 2-71

M E M O R A N D U M

TO: ALL OPERATORS

FROM: A. L. PORTER, Jr., SECRETARY-DIRECTOR

SUBJECT: RULE 506 AMENDMENT

COMMISSION ORDER R-4159 SIGNED BY THE COMMISSION ON JUNE 25, 1971 LIMITS CASINGHEAD GAS PRODUCTION FROM EACH OIL WELL TO TOP OIL ALLOWABLE FOR THE POOL IN WHICH IT IS LOCATED MULTIPLIED BY THE GAS-OIL RATIO LIMIT FOR THAT POOL.

FOR EXAMPLE, ALL WELLS IN THE MONUMENT POOL WOULD BE LIMITED TO 70 x 3,000 OR 210,000 CUBIC FEET OF GAS PER DAY.

THE PROVISIONS OF COMMISSION ORDER R-4159 WILL BE SUSPENDED, HOWEVER, PENDING THE OUTCOME OF A DE NOVO HEARING TO BE HELD AT 9 O'CLOCK A.M., JULY 21, 1971, AT MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

JUNE 30, 1971

ALP/ir

MEMO NO. 2-71

OIL CONSERVATION COMMISSION
POST OFFICE BOX 2088
SANTA FE, NEW MEXICO
87501

M E M O R A N D U M

TO: ALL OPERATORS

FROM: A. L. PORTER, Jr., SECRETARY-DIRECTOR

SUBJECT: RULE 506 AMENDMENT

COMMISSION ORDER R-4159 SIGNED BY THE COMMISSION ON JUNE 25, 1971 LIMITS CASINGHEAD GAS PRODUCTION FROM EACH OIL WELL TO TOP ALLOWABLE FOR THE POOL IN WHICH IT IS LOCATED MULTIPLIED BY THE GAS-OIL RATIO LIMIT FOR THAT POOL.

FOR EXAMPLE, ALL WELLS IN THE MONUMENT POOL WOULD BE LIMITED TO 70 TIMES 3000 OR 210,000 CUBIC FEET OF GAS PER DAY DURING JULY.

THE PROVISIONS OF COMMISSION ORDER R-4159 WILL BE SUSPENDED, HOWEVER, PENDING THE OUTCOME OF THE DE NOVO HEARING TO BE HELD AT 9:00 A.M., JULY 21, 1971 AT MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

JUNE 30, 1971

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 13
Case No. 4552 (de novo)

JULY & AUGUST, 1971 NEW MEXICO ORDER NO. A 254

OIL CONSERVATION COMMISSION

STATEWIDE OIL PRORATION ORDER

NORMAL UNIT ALLOWABLE 70 BBLS

DISTRICT II

* EFFECTIVE GAS-OIL RATIO

** NON EFFECTIVE GAS-OIL RATIO

() AMOUNT OF PRODUCTION ON LATEST

GAS OIL RATIO TEST

The Gas Oil-Ratio Test periods for the pools listed below begins July 1, 1971	Duration of Test Period	Results of Gas Oil Ratio tests taken in July due August 10, 1971
	3 Months	Empire Abo
Double L-Queen	1 Month	Double L-Queen
Esperanza-Delaware	1 Month	Esperanza-Delaware
Sulimar-Queen	1 Month	Sulimar-Queen
Twin Lakes San Andres	1 Month	Twin Lakes San Andres

Allowables have been revised to bring production and allowables into balance. Please notify the Commission of any required corrections.

THE DISTRICT SUPERVISOR SHOULD BE NOTIFIED OF ANY ERROR IMMEDIATELY

DISTRICT OFFICE

P. O. DRAWER DD

Phone 746-4861 or 746-4872

Artesia, New Mexico 88210

UNDESIGNATED WELLS PLACED IN POOLS

As a result of Commission Orders R-4155 & R-4157, the following undesignated wells will be placed in pools as follows.

NEW POOL CREATION Order R-4155

Aid Morrow Gas Pennzoil United, Inc.	Aid State Com	#1-A, 24-17-28

EXTENSION Order R-4155

Dagger Draw-Upper Penn. Roger C. Hanks	Dagger Draw	#1-D, 30-19-25

NEW POOL CREATION Order R-4157

Catclaw Draw-Morrow Gas Hanagan Petroleum Corporation	Catclaw Draw Unit	#1Y-F, 26-21-25

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

ORDER NO. A-254
STATEWIDE OIL PRORATION ORDER FOR JULY AND AUGUST 1971

The Oil Conservation Commission held public hearing at Santa Fe, New Mexico, on June 16, 1971, at 9 a.m., pursuant to legal notice for the purpose of setting the allowable production of oil within the State of New Mexico for the months of July and August, 1971.

NOW, on this 17th day of June, 1971, the Commission a quorum being present, having considered the testimony adduced as to probable market demand, the nominations of purchasers, the capacities of producing wells, together with the anticipated newly completed or recompleted wells, and being otherwise fully advised in the premises,

FINDS:

(1) That the reasonable market demand for oil produced in the State of New Mexico during the months of July and August, 1971, is approximately 413,278 barrels per day, which total includes a demand for approximately 389,141 barrels of oil per day from the counties of Lea, Eddy, Chaves, and Roosevelt, and a demand for approximately 24,137 barrels of oil per day from the counties of San Juan, McKinley, Rio Arriba, and Sandoval.

(2) That the potential producing capacity of all oil wells in the State is in excess of such reasonable market demand, and in order to prevent waste the production of oil should be limited, allocated, and distributed for the months of July and August, 1971.

(3) That all the producing oil wells, together with the expected completed or recompleted wells in the State within the proration period, can produce a total of approximately 413,278 barrels per day without causing waste, and an allocation based upon such production would be reasonable and would protect correlative rights.

(4) That the demand for oil from each of the above-described areas is separate and distinct and cannot be reasonably met by the production of oil from the other area, and that the production allowable for each of the said areas should be based upon the demand for oil from that area.

(5) That a total Southeast New Mexico production allowable of 389,141 barrels per day, which includes 5,000 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties by the establishment of a normal unit allowable for those counties of 70 barrels per unit per day.

(6) That a total Northwest New Mexico production allowable of 24,137 barrels per day,which includes 500 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties by the establishment of a normal unit allowable for those counties of 100 barrels per unit per day.

IT IS THEREFORE ORDERED:

(1) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, is hereby set at 70 barrels per unit per day; provided that each well in the Knowles Pool in Lea County under 80-acre spacing Order No. R-40 (except as amended by Order No. R-52) is allocated 140 barrels per 80 acres, with deep-pool adaptation. Provided further that the top unit allowable for the North Mason-Delaware Pool in Lea and Eddy Counties is hereby set at 71 barrels per unit per day in accordance with the provisions of Order No. R-944. Provided further that the top unit allowable for the South Carter-San Andres Pool in Lea County is hereby set at 45 barrels per unit per day in accordance with the provisions of Order No R-1012. The allocation hereby set for said months in the allocated pools of Lea, Eddy, Chaves, and Roosevelt Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(2) A Southeast New Mexico proration schedule duly prepared by the Commission and thereafter adopted for the months of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining,

processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(3) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within San Juan, McKinley, Rio Arriba, and Sandoval Counties, New Mexico, is hereby set at 100 barrels per unit per day; provided that each well in the Bisti-Lower Gallup Oil Pool in San Juan County, to which has been dedicated 80 acres, is allocated 200 barrels per 80 acres in accordance with the provisions of Order No. R-1069-B. The allocation hereby set for said months in the allocated pools of San Juan, McKinley, Rio Arriba, and Sandoval Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(4) A Northwest New Mexico proration schedule duly prepared by the Commission and threrafter adopted for the month of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining, processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(5) For the months of July and August, 1971, the basic 40-acre Area Allowable Factors for waterfloods in Southeast New Mexico and Northwest New Mexico shall be 70 and 100, respectively, in accordance with Rule 701 E 4 of the Commission Rules and Regulations.

IT IS FURTHER ORDERED:

The foregoing order shall remain effective until further order of the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

ORDER NO. A-254
STATEWIDE OIL PRORATION ORDER FOR JULY AND AUGUST 1971

The Oil Conservation Commission held public hearing at Santa Fe, New Mexico, on June 16, 1971, at 9 a.m., pursuant to legal notice for the purpose of setting the allowable production of oil within the State of New Mexico for the months of July and August, 1971.

NOW, on this 17th day of June, 1971, the Commission a quorum being present, having considered the testimony adduced as to probable market demand, the nominations of purchasers, the capacities of producing wells, together with the anticipated newly completed or recompleted wells, and being otherwise fully advised in the premises,

FINDS:

(1) That the reasonable market demand for oil produced in the State of New Mexico during the months of July and August, 1971, is approximately 413,278 barrels per day, which total includes a demand for approximately 389,141 barrels of oil per day from the counties of Lea, Eddy, Chaves, and Roosevelt, and a demand for approximately 24,137 barrels of oil per day from the counties of San Juan, McKinley, Rio Arriba, and Sandoval.

(2) That the potential producing capacity of all oil wells in the State is in excess of such reasonable market demand, and in order to prevent waste the production of oil should be limited, allocated, and distributed for the months of July and August, 1971.

(3) That all the producing oil wells, together with the expected completed or recompleted wells in the State within the proration period, can produce a total of approximately 413,278 barrels per day without causing waste, and an allocation based upon such production would be reasonable and would protect correlative rights.

(4) That the demand for oil from each of the above-described areas is separate and distinct and cannot be reasonably met by the production of oil from the other area, and that the production allowable for each of the said areas should be based upon the demand for oil from that area.

(5) That a total Southeast New Mexico production allowable of 389,141 barrels per day, which includes 5,000 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties by the establishment of a normal unit allowable for those counties of 70 barrels per unit per day.

(6) That a total Northwest New Mexico production allowable of 24,137 barrels per day,which includes 500 barrels per day supplemental allowable for new production, can be produced without waste by a distribution and allocation of such production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties by the establishment of a normal unit allowable for those counties of 100 barrels per unit per day.

IT IS THEREFORE ORDERED:

(1) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, is hereby set at 70 barrels per unit per day; provided that each well in the Knowles Pool in Lea County under 80-acre spacing Order No. R-40 (except as amended by Order No. R-52) is allocated 140 barrels per 80 acres, with deep-pool adaptation. Provided further that the top unit allowable for the North Mason-Delaware Pool in Lea and Eddy Counties is hereby set at 71 barrels per unit per day in accordance with the provisions of Order No. R-944. Provided further that the top unit allowable for the South Carter-San Andres Pool in Lea County is hereby set at 45 barrels per unit per day in accordance with the provisions of Order No. R-1012. The allocation hereby set for said months in the allocated pools of Lea, Eddy, Chaves, and Roosevelt Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(2) A Southeast New Mexico proration schedule duly prepared by the Commission and thereafter adopted for the months of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in Lea, Eddy, Chaves, and Roosevelt Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining,

processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(3) For the months of July and August, 1971, a normal unit allowable for production of oil in the allocated pools within San Juan, McKinley, Rio Arriba, and Sandoval Counties, New Mexico, is hereby set at 100 barrels per unit per day; provided that each well in the Bisti-Lower Gallup Oil Pool in San Juan County, to which has been dedicated 80 acres, is allocated 200 barrels per 80 acres in accordance with the provisions of Order No. R-1069-B. The allocation hereby set for said months in the allocated pools of San Juan, McKinley, Rio Arriba, and Sandoval Counties shall be in accordance with Rules 502, 505, and 506 of the Commission Rules and Regulations, and subject to and as modified by any valid orders of the Commission relating directly to any well, areas, or pools, and the assignment of allowable thereto.

(4) A Northwest New Mexico proration schedule duly prepared by the Commission and threrafter adopted for the month of July and August, 1971, is hereto attached and made a part hereof. Said proration schedule distributes and allocates the allowable production among the oil wells in San Juan, McKinley, Rio Arriba, and Sandoval Counties for the period stated. The sale, purchase, or acquisition, or the transporting, refining, processing, or handling in any other way of oil produced in excess thereof is hereby prohibited, and such oil is thereafter contraband.

(5) For the months of July and August, 1971, the basic 40-acre Area Allowable Factors for waterfloods in Southeast New Mexico and Northwest New Mexico shall be 70 and 100, respectively, in accordance with Rule 701 E 4 of the Commission Rules and Regulations.

IT IS FURTHER ORDERED:

The foregoing order shall remain effective until further order of the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

SUPPLEMENTS ISSUED FROM APRIL 16, 1971

SUP. NO.	OPERATOR	LEASE	WELL NO.	POOL	CURRENT ALLOWABLE APRIL	REV. ASSN.	EFF. DATE
A 47	Atlantic Rich.	Turner A	8 O	Gbr.Jack.	480	R/WF	4-1
A 48	Skelly Oil Co.	Skelly Ut.	3 D	"	3060	"	"
A 49	Gen.American	Keely A	21 P	"	1520	A	4-12
A 50	Amoco Prod.	Falgout A Fed.	1P	Double L-Q	240	"	4-1
A 51	Bill Jones	Fair	1 D	Atoka(SA)	750	"	"
A 52	Texas American	Etz J St.	15 J	Gbr Jack.	506	"	4-9
A 53	The Eastland Oil	Ken Fed.	3 D	Power Gbr.SA	1972	"	4-2
A 54	Amoco Prod.	State EK	3 C	Double L-Q	975	R	4-16
A 55	Twinlakes Oil	O'Brien C	2 D	Twin Lakes SA	330	O/A	4-1
A 56	R.Q.Silverthorne	Kenwood	2 M	Shugart	258	R	4-20
A 57	Kennedy Oil Co.	Tidewater St.	1M	Gbr.Jackson	450	R/WF	4-1
"	"	"	5 A	"	300	"	"
A 58	"	Ken.A Fed.	2 F	Sq.Lake	510	"	"
A 59	John R.Gray	Lowe A St.	1 N	Artesia	630	R	4-20
A 60	Atlantic Rich.	W.Red Lake Ut.	26 1	Red Lake	410	R	4-21
A 61	Bill Jones Oil	Atkins St.	2 K	High Lonesome	30	O/A	"
A 62	Yates Pet.Corp.	White"B"	1 F	Eagle Creek SA	171	A	4-12
A 63	"	Jackson AT	4 J	"	540	"	4-13
A 64	Hondo O&G	Culwin Q Ut.	6 L	Shugart	180	R/WF	4-1
A 65	Perry R.Bass	Big Eddy Ut.	33P	WC(Strawn)	2130	A	"
A 66	Yates Pet.Corp.	Federales BO	2Y A	Eagle Creek SA	616	"	4-20
A 67	Skelly Oil Co.	Skelly Ut.	107 E	Gbr.Jackson	741	"	4-18
A 68	Yates Pet.Corp.	Gissler AV	4 L	Eagle Creek SA	400	"	4-21
A 69	Amoco Prod.Co.	State EK	4 E	Double L-Q	160	"	4-29
A 70	Skelly Oil Co.	Skelly Ut.	3 D	Fren(SR)	405	R	4-28
A 71	Humble O&Refg.	Emp.Abo Fed.	5 O	Emp.Abo	2750	A	4-9

SUPPLEMENTS ISSUED FROM MAY 1, 1971

					MAY	JUNE		
A 1	R.Q.Silverthorne	Kenwood	2 M	Shugart	620	600	R/2	5-1
A 2	Texas American	Etz J St.	15-J	Gbr.Jack.	713	690	"	"
A 3	Amoco Prod.Co.	State EK	4 E	Double L-Q	2480	2400	A/2	"
A 4	Skelly Oil Co.	Skelly St.	107 E	Gbr.Jack.	1767	1710	R/2	"
A 5	Amoco Prod.Co.	Falgout "A" Fed.	1P	Double L-Q	248	240	"	"
A 6	"	State EK	3 C	"	1054	1020	"	"
A 7	Perry R.Bass	Big Eddy Ut.	33 P	WC(Strawn)	2201	2130	A/2	"
A 8	Bill Jones Oil	Fair	1 D	Atoka(SA)	775	750	"	"
A 9	"	Atkins St.	2 K	H.Lonesome	93	90	"	"
A 10	Hondo O&G	Culwin Q Ut.	6 L	Shugart	186	180	R/WF	"
A 11	Atlantic Rich.	W.Red Lake Ut.	26 1	Red Lake	465	450	R/2	"
A 12	"	Turner A	8 O	Gbr.Jack.	496	480	R/WF	"
A 13	Anadarko Prod.	Fed.M	5 J	Loco Hills	310	300	O/A	"
A 14	Gen.American	Keely A	31 P	Gbr.Jack.	2480	2400	A/2	"
A 15	Kennedy Oil	Ken.A Fed.	2 F	Sq.Lake	527	510	R/WF	"
A 16	"	Tidewater St.	1 M	Gbr.Jack.	465	450	"	"
"	"	"	5 A	"	310	300	"	"
A 17	Yates Pet.Corp.	Federales BO	2Y A	Eagle Cr.	1736	1680	A/2	"
A 18	"	Jack AT	4 J	"	930	900	"	"
"	"	White"B"	1 F	"	279	270	"	"
"	"	Gissler"AV"	4 L	"	1240	1200	"	"
A 19	Skelly Oil Co.	Skelly Ut.	3 D	Fren(SR)	1674	1620	R	"
A 20	Humble O&Refg.	Emp.Abo Fed.	5 O	Emp.Abo	3875	3750	A	"
A 21	Bill Jones Oil	Skelly St.	10 L	H.Lonesome	112	120	O/A	5-4
"	"	"	6 G	"	301	300	R	"
A 22	Gen.American	Keely C	48 K	Gbr.Jack.	1085	1050	A	5-1
A 23	Marathon Oil	John A Fed.	1 P	Shugart	1613	1560	R/WF	"
"	"	"	3 O	"	1488	1440	"	"
A 24	Remuda O&G	Humble St.	1 A	Artesia	Cancelled No.C-115		"	"
"	"	"	2 D	"	"		"	"
A 25	The Pet.Corp.	Petco St.	1 P	Parkway Strawn	"		"	"
A 26	Yates Pet.Corp.	Gissler "AV"	7 M	Eagle Cr.	1612	1560	A	"
A 27	Hondo O&G	Culwin Q Ut.	4 J	Shugart	62	60	R/WF	"

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

SUP. NO.	OPERATOR	LEASE	WELL NO.	POOL	CURRENT ALLOWABLE MAY	CURRENT ALLOWABLE JUNE	REV. ASSN.	EFF. DATE
A 28	Atlantic Rich	E.Shugart Ut.	17 K	Shugart	620	600	R/WF	5-1
"	"	"	31 B	"	1085	1050	"	"
A 29	Gen.American	Burch B	21 L	Gbr.Jack.	2072	2220	A	5-4
A 30	"	"	22 K	"	1740	1800	"	5-3
A 31	"	Burch C	18 G	"	2480	2400	"	5-1
A 32	"	Keely A	22 I	"	2480	2400	"	"
A 33	The Pet.Corp.	Petco St Com	1P	Parkway Strawn	1404	1620	O/A	5-6
A 34	Cities Service	Magruder A	14 M	Emp.Abo	4122	4170	R	5-12
A 35	Shenandoah Oil	Keo.et al"B" Fed.	2 C	Shugart	155	150	A	5-1
A 36	Morris R.Antweil	Little Jewel Com	1 F	S.Carlsbad	175		Test	5-13
A 37	Atlantic Rich.	J.L.Keel A	8 J	Gbr.Jack.	434	420	R/WF	5-1
"	"	C.A.Russell	4 D	"	620	600	"	"
"	"	Turner A	7 C	"	372	360	"	"
"	"	Turner B	7 O	"	1395	1350	"	"
"	"	Turner B(A)	52 E	"	1581	1530	"	"
A 38	Marion C.Welch	Lackawanna	3 G	Artesia	230	300	R	5-17
"	"	"	9 A	"	230	300	"	"
"	"	"	12 B	"	230	300	"	"
A 39	Yates Pet.Corp.	Gissler"AV"	5 E	Eagle Cr.	1000	1200	A	5-7
A 40	"	Federal AY	2 F	Penasco Dr.	750	900	A	"
A 41	"	J Lazy J	3 G	Eagle Cr.	966	1260	"	5-9
A 42	Shenandaoh Oil	Shug.D	6 C	Shugart	2480	2400	R/WF	5-1
"	"	"	3 E	"	1550	1500	"	"
A 43	Atlantic Rich.	J.L.Keel B	10 B	Gbr.Jack.	1240	1200	"	"
"	"	H.E.West B	12 G	"	24	60	O/A	5-20
A 44	Amoco Prod.Co.	State EK	5 F	Double L-Q	1200	2400	A	5-17
A 45	Remuda O&G	Humble St.	1 A	Artesia	150	180	O/A	5-7
"	"	"	2 D	"	150	180	"	"
A 46	Yates Pet.Corp.	J Lazy J	4 I	Eagle Cr.	1156	2040	A	5-15
A 47	"	Federales BO	3B	"	697	1230	"	5-15
A 48	Am.Trad.& Prod.	O'Brien"24"	1 J	Wildcat(SA)	500		Test	5-24
A 49	Kewanee Oil Co.	Jones D	4 E	Atoka SA	1640	2460	A	5-12
A 50	Tom Boyd	State 36	1 P	Shugart	68	90	R	5-26
A 51	Amoco Prod.Co.	State EK	3 C	Double L-Q	986	1080	"	5-27
A 52	Atlantic Rich.	Turner B(A)	62 I	Gbr.Jack.	6231	6030	R/WF	5-1
"	"	E.Shug.Ut.	14 G	"	1178	1140	"	"
"	"	Turner A	16 H	Fren(SR)	69	90	R	5-25
A 53	Roger C.Hanks	Penny Fed.	1 N	Wildcat	1152	4320	A	5-24
A 54	Amoco Prod.Co.	Falgout"A"Fed.	1P	Double L-Q		90	Dec.	6-1
A 55	Wolfson Oil	Amerada"C"Fed.	1B	"		150	Dec.	"
A 51	Amoco Prod.Co.	State EK	3 C	"	1064	1080	Corr.	5-27
A 56	Skelly Oil Co.	Skelly Ut.	108 A	Gbr.Jack.	744	720	A	5-1
A 57	Roger C.Hanks	Robin Fed.	1 K	Undes.	1683	5610	"	5-23
A 58	Gulf Oil Corp.	Little"AB"Fed.	14 O	Shugart		630	A	6-1
A 59	C.O.Fulton	Dublin Fed.	1 C	Sq Lake	Cancelled	No C-115	"	"
"	"	Dublin St.	1 I	"	"			"
"	"	"	2 A	"	"			"
"	"	"	3 H	"	"			"
"	"	Gulf B St.	1 D	"	"			"
A 60	Atlantic Rich.	J.L.Keel B	11 N	Gbr.Jack.		2190	R/WF	"
A 61	Yates Pet.Corp.	Ingram Jack. BV	1 A	Eagle Creek SA		2340	A	"
A 62	Atlantic Rich.	J.L.Keel B	19 J	Gbr.Jack.		930	R/WF	"
A 63	C.O.Fulton	Dublin Fed.	1 C	Sq.Lake		46	O/A	6-8
"	"	Dublin St.	1 I	"		46	"	"
"	"	"	2 A	"		230	"	"
"	"	"	3 H	"		230	"	"
"	"	Gulf B St.	1 D	"		23	"	"
A 64	Yates Pet.Corp.	Eagle Creek BL	2N	Eagle Creek SA		405	A	6-4
A 65	Wm.A & Ed.R.Hudson	Buck B	6 A	Maljamar		1950	R/WF	6-1

SUPPLEMENTS ISSUED FROM MAY 1, 1971 CONTINUED

SUP. NO.	OPERATOR	LEASE	WELL NO.	POOL	CURRENT ALLOWABLE JUNE	REV. ASSN.	EFF. DATE
A 66	J.Pete Thompson	Malmamar St.	1 B	Maljamar	1284	R	6-15
A 67	Yates Pet.Corp.	Ingram Jack.BV	2D	Eagle Creek SA	880	A	6-9
A 68	"	"	3 B	"	2400	"	6-11
A 69	Newmont Oil Co.	WLHG4Sd.Ut.					
		Tr.5	1,3 C	Loco Hills	2400	R/WF	6-1
"	"	Tr.12	1,4 J	"	15000	"	"
"	"	"	3 P	"	6600	"	"
"	"	Tr.19A	1 O	"	10500	"	"
A 70	"	Tr.40	1,2 M	"	1050	"	"
"	"	Tr.34	4 E	"	300	"	"
"	"	Tr.38	2 H	"	2100	"	"
"	"	Grier	1 D	Sq.Lake	750	"	"
"	"	Johnson	8 L	"	300	"	"
"	"	Kennedy	3 J	"	450	"	"
"	"	"	5 L	"	240	"	"
"	"	Etz E	4 A	"	120	"	"
"	"	Evans	13 K	"	90	"	"
"	"	Leonard E	13 J	"	60	O/A	"

COMPANY LEASE	UNIT	S.T.R.	JULY & AUG. DAILY GOR
ACME (SA)			
N. DALE NICHOLS			
McIntyre St.	1	E 4-8-27	3
Alma Shields	1	M 33-7-27	9
TOTAL	2		12
PAUL SLAYTON			
Aval.Journal St.			
	1	F 4-8-27	SI
"	4	K "	1
"	5,6	L "	1
Everna Fair.	1	O 32-7-27	1
" B	1,3	P "	6
"	2	I "	4
Stand.St.	1	A 5-8-27	6
"	2,3	B "	12
"	4	H "	6
TOTAL	11		37
POOL TOTAL	13		49
AID (Y.SR)			
DONNELLY DRLG. CO.			
FW&Y	2	A 25-17-28	1
"	3	B "	1
Sinc.A St.	1	L 19-17-29	2
Acreage Factor 0.675			
Wentz St.	1,2	P 24-17-28	1
TOTAL	5		5
KERSEY & CO.			
FWY St.	2	F 25-17-28	4
"	3	E "	4
"	4	C "	4
TOTAL	3		12
KINCAID & WATSON DRLG. CO.			
Humble St.	3	K 19-17-29	1
"	4	N "	1
TOTAL	2		2
POOL TOTAL	10		19
ARTESIA (Q.G.SA)			
J. B. ADAMSON			
Smith St.	1	A 4-18-28	7
AMERICAN PETROFINA CO. OF TEXAS			
Daugh.St.	1	D 4-18-28	6
Humb.Stout St.	1	I "	SI
Levers A St.	1	B 8-18-28	15
Solt St.	1	B 4-18-28	SI
Thomas St.	1	A 9-18-28	5
*Welch Duke St.	8	C 28-18-28	7
TOTAL	4		33
*Not in flood			
(Artesia Flood Project Area #1)			
Daugh.Solt St.	1	E 4-18-28	SI
Eddy Humb.St.	1	J "	SI
Humb.Thom.St.	1	B 9-18-28	7
Levers St.	12	I 5-18-28	4
"	13	O 4-18-28	7
"	7	N "	Inject
TOTAL	3		18

COMPANY LEASE	UNIT	S.T.R.	JULY & AUG. DAILY GOR
AMERICAN PETROFINA CO. OF TEX. CONTD.			
(Artesia Flood Project Area #2)			
McNutt St.	9	M 21-18-28	6
"	10	K "	6
"	16	L "	15
Res.Ya.St.	25	I "	SI
"	32	H 28-18-28	SI
"	302	P 21-18-28	6
"	317	F "	6
"	322	I 20-18-28	23
Wel.Duke St.	1	F 28-18-28	5
"	18	C "	12
McNutt St.	5,11	M 21-18-28	Inject
"	6,13	K "	"
"	8	N "	"
"	17	L "	"
Res.Ya.St.	20	I "	SI
"	31	F "	SI
"	39	O "	Inject
"	303	P "	"
Wel.Duke St.	20	F 28-18-28	"
TOTAL	8		79
(Artesia Flood Project Area #3)			
Res.Ya.St.	8	P 29-18-28	SI
"	20	A 32-18-28	11
"	49	O "	SI
"	54,343	O "	77
"	55	B "	23
"	61	C "	17
"	65	P 30-18-28	13
"	76	N 29-18-28	7
"	332	J "	11
"	367,376	F 32-18-28	69
"	370,380	H "	42
"	379	G "	43
"	6,7	D "	Inject
"	338	I 29-18-28	"
"	341,349	N "	"
"	355	A 32-18-28	"
"	368	G "	"
TOTAL	13		313
OPR. TOTAL	28		443
ANADARKO PROD. CO.			
Cowtown Ut.	101	K 13-18-28	5
"	102	L "	5
"	201	M "	5
"	301	N "	5
"	401	D 24-18-28	6
"	501	C "	1
N.M.State	2	D 13-18-27	2
N.M.A State	5	L "	2
N.M.B State	6	M "	1
N.M.C State	3	H 14-18-27	1
N.M.D State	4	I "	5
N.M.E State	8	O "	7
N.M.F State	9	B 23-18-27	9
N.M.G State	10	A "	1
Shaw	1	K 13-18-27	2
Travis C Fed.	1	O "	2
"	4	P "	8
R.H.Travis	1	J "	6
"	2	I "	7
TOTAL	19		80

ARTESIA (Q.G.SA) CONTINUED

ARWOOD, LTD.				
Powell St.	1	M	17-18-28	1
Rotary St.	6	B	29-18-28	5
State C	1	C	13-18-28	3
TOTAL	3			9
(Artesia Nichols Buffer Zone)				
Humble St.	1	H	20-18-28	11
Mershon St.	1	E	21-18-28	4
"	2	D	"	2
"	3	E	"	Inject
TOTAL	3			17
(Artesia Nichols Project Area)				
9 Allowable Units				
Amerada St.	1	C	20-18-28	7
Humble St.	2	A	"	16
Rotary St.	4	G	"	13
"	5	J	"	2
State AL	1	K	"	3
Vandeventer St.	1	B	"	3
West.Ya.St.	2	E	"	13
Rotary St.	7,8	J	"	Inject
Vandeventer St.	2	B	"	"
West.Ya.St.	1	F	"	SI
TOTAL	7			57
(State 14 Flood)				
15.33 Allowable Units				
State A	1	D	14-18-28	2
"	2	C	"	6
State B	4	E	"	7
"	15	P	"	6
"	16	E	13-18-28	13
State C	2	D	"	2
"	6	A	14-18-28	28
"	7	G	"	12
"	9	M	"	11
"	10	C	23-18-28	5
"	11	B	"	5
State A	3	D	14-18-28	Inject
State B	3	F	"	"
"	14	N	"	"
State C	5	B	"	"
"	8	H	"	"
TOTAL	11			97
OPR. TOTAL	24			180
ATLANTIC RICHFIELD CO.				
M.Yates	1	K	33-17-28	SI
"	3	P	"	2
"	4	J	"	SI
"	5	G	"	3
"	6	L	"	1
TOTAL	3			6
ROBERT E. BOLING				
Carp.Lev.	2	M	34-17-29	1
"	4	K	"	1
TOTAL	2			2
BURNHAM OIL CO.				
Featherstone	3	F	2-18-28	8
"	5	G	"	6
Feath.St.	1	J	"	7

BURNHAM OIL CO. CONTINUED				
Humble St.	1	G	15-18-28	2
State 32	1,2	J	32-17-28	1
Vandeventer	1	D	22-18-28	5
"	2	M	15-18-28	1
"	3	K	"	1
"	4	B	22-18-28	5
Yates St.	1	E	"	1
"	2,3	N	15-18-28	1
TOTAL	13			38
GEORGE A. CHASE				
St.KG-30	1	A	30-18-28	1
St.KH-29	2	D	29-18-28	1
TOTAL	2			2
CITIES SERVICE OIL COMPANY				
St.BV	8	J	19-18-28	3
DAVID C. COLLIER				
(Cima Artesia Flood)				
8.66 Allowable Units				
Atkins Wms.St.	2,2Y	O	17-18-28	5
Gilmore	1	N	"	15
Graridge St.	3	L	"	2
Welch St.	2,3Y	K	"	5
"	5,6	J	"	3
Adkins Wms.St.	1	O	"	SI
"	6	O	"	Inject
"	7	P	"	SI
Graridge St.	4	L	"	SI
Welch St.	7,8	K	"	SI
TOTAL	8			30
R. D. COLLIER				
Travis Fed.	2	B	13-18-28	4
D & E WELL SERVICE				
T.Allen	6	I	28-18-28	3
"	7,8	O	"	5
TOTAL	3			8
DEPCO, INC.				
Dunn A	4	E	7-18-29	2
Acreage Factor 0.750				
"	5	C	"	5
"	6	D	"	2
Acreage Factor 0.750				
Dunn B Fed.	8	O	12-18-28	5
Eddy CK St.	1	A	26-18-27	1
Eddy CL St.	1	A	35-18-27	2
"	2	B	"	2
Hester St.	1	D	36-18-27	1
Humble St.	1	H	16-18-28	2
"	2	G	"	2
Leonard Fed.	9	J	30-17-29	8
Levers St.	1,3,4	P	4-18-28	12
Signal St.	1	A	16-18-28	1
"	2	F	"	1
St.647 AC 711				
	27	G	28-18-28	5
"	43,47	H	"	15
"	101	P	22-18-28	2
"	125	A	23-18-28	4
"	129	H	"	5

ARTESIA (Q.G.SA) CONTINUED

DEPCO, INC. CONTINUED				
St.647 AC 713				
	115	O	15-18-28	1
"	122	A	22-18-28	6
"	131	J	19-18-28	5
St.647 AC 721				
	224	K	32-18-28	3
St.647 AC 722				
	179	H	32-17-28	4
"	180	A	"	5
"	186	G	"	5
"	195	B	"	4
"	196	P	29-17-28	7
"	206	H	31-17-28	7
"	208	L	32-17-28	5
"	211	K	"	5
"	212	N	"	2
"	213	I	31-17-28	2
"	216	A	6-18-28	6
"	219	P	31-17-28	1
"	220	M	32-17-28	6
St.647 AC 724				
	197	B	36-17-28	1
"	202	A	"	1
"	203	P	25-17-28	1
St.647 AC 731				
	204	B	33-18-28	15
St.648 AC 811				
	62	J	10-18-28	2
"	63	F	"	2
"	71,214	G	"	2
"	72	B	"	2
St.648 AC 812				
	110	J	25-18-27	5
"	116	L	"	3
St.E-1286	109	L	15-18-28	1
St.E-1288	81	G	27-18-28	8
"	103	F	22-18-28	1
TOTAL	53			195
(Artesia Dunn Flood)				
27 Allowable Units				
Dunn A	3	H	12-18-28	5
Dunn B Fed.	3	P	11-18-28	13
"	7	N	12-18-28	4
"	9	J	"	1
"	12	B	10-18-28	12
"	14	F	"	4
"	15	E	"	9
"	16	D	11-18-28	SI
"	19	G	10-18-28	8
"	20	H	"	14
"	21	E	11-18-28	8
"	22	F	"	12
"	23	D	10-18-28	10
"	26	L	11-18-28	12
"	27	I	12-18-28	5
"	31	B	11-18-28	SI
"	32	P	10-18-28	2
"	33	H	11-18-28	7
Dunn A	1	G	12-18-28	Inject
Dunn B Fed.	5	I	11-18-28	"
"	6	M	12-18-28	"
"	13	A	10-18-28	"
"	17	C	"	"
Dunn B Fed.	18	C	11-18-28	Inject
"	24	I	10-18-28	"
"	29	G	11-18-28	"
"	30	K	"	"
TOTAL	16			126
(Artesia Unit Flood)				
59.66 Allowable Units				
Artesia Ut.	1	L	26-17-27	10
"	3	N	"	12
"	5	P	"	22
"	8	A	35-17-28	6
"	9	B	"	1
"	10	C	"	45
"	11	D	"	16
"	13	F	"	11
"	15	H	"	11
"	17	F	36-17-28	20
"	18	K	"	1
"	19	L	"	1
"	21	J	35-17-28	8
"	22	K	"	3
"	24	I	34-17-28	8
"	25	J	"	5
"	27	P	"	31
"	29	N	35-17-29	3
"	31	P	"	3
"	33	N	36-17-28	5
"	34	B	2-18-28	3
"	35	C	"	3
"	37	A	3-18-28	8
"	38	B	"	2
"	39,40	C	"	30
"	41,42	D	"	7
"	43	E	"	1
"	45,46	F	"	10
"	48	H	"	1
"	50	E	2-18-29	5
"	51	L	"	5
"	52	I	3-18-28	13
"	53	J	"	11
"	54,55,56	K	"	33
"	57	L	"	1
"	58	M	"	1
"	60	N	"	17
"	62	P	"	17
"	64	N	2-18-28	3
"	2	M	26-17-28	Inject
"	4	O	"	"
"	6	M	25-17-28	"
"	7	D	36-17-28	"
"	12	E	35-17-28	"
"	14	G	"	"
"	16	E	36-17-28	"
"	20	I	35-17-28	"
"	23	L	"	"
"	26	O	34-17-28	"
*"	28	M	35-17-28	"
"	30	O	"	"
"	32	M	36-17-28	"
"	36	D	2-18-28	"
"	44	E	3-18-28	"
"	47	G	"	TA
"	49	E	2-18-28	Inject
"	59	M	3-18-28	"

ARTESIA (Q.G.SA) CONTINUED

DEPCO, INC. CONTINUED

Artesia Ut.	61	O	3-18-28	Inject
"	63	M	2-18-28	"
"	65	G	3-18-28	"
"	66	F	"	"
"	67	K	"	"
TOTAL	44			393

*On the same unit with Yates Drlg. Co. well.

(Depco Camp Flood)

18.33 Allowable Units

State 647 AC 711				
	68	D	27-18-28	2
"	70	E	"	7
"	74	F	"	4
"	83	H	33-18-28	7
"	84	L	27-18-28	11
"	85	G	33-18-28	7
"	86	M	27-18-28	5
"	87	B	"	8
"	89	K	"	7
"	90	D	34-18-28	7
"	93	C	27-18-28	3
State 647 AC 721				
	199	J	33-18-28	9
"	201	O	"	8
State 647 AC 731				
	205	A	"	13
State 647 AC 711				
	82	F	27-18-28	Inject
"	92	N	"	"
"	100	A	"	"
State 647 AC 721				
"	207	I	33-18-28	"
"	217	E	34-18-28	"
TOTAL	14			98

(State 647 Flood)

6 Allowable Units

St.647 AC 713				
	119	K	14-18-28	1
"	120	I	15-18-28	5
"	121	P	"	8
"	124	I	14-18-28	2
"	118	L	"	Inject
"	123	J	"	SI
TOTAL	4			16
OPR. TOTAL	131			828

DONNELLY DRLG. CO.

State	1	N	8-18-28	20
State B	2	B	17-18-28	5
TOTAL	2			25

FRANKLIN, ASTON & FAIR, INC.

State AB	1	F	6-18-28	1

JOHN R. GRAY

Lowe A St.	1	N	33-18-28	10
Lowe B St.	1	B	4-19-28	12
Acreage Factor 0.975				
TOTAL	2			22

H & S OIL COMPANY

Adkins St.	1	F	17-18-28	5
West.Dev.	1	J	26-18-27	1
"	2	N	"	2
TOTAL	3			8

(West Artesia GB Unit Flood)

17 Allowable Units

West Artesia GB Unit

Tr.1	3	H	7-18-28	56
Tr.2	5	F	8-18-28	6
Tr 3	19	C	17-18-28	20
Tr.4	2	D	8-18-28	2
Tr.5	10	K	"	11
"	12	L	"	SI
Tr.6	8	I	"	6
"	9	J	"	6
Tr.10	7	H	"	6
Tr.12	14,15	P	7-18-28	8
"	16,17	M	8-18-28	11
Tr.2	4	E	"	Inject
Tr.5	11	K	"	"
Tr.7	6	G	"	"
Tr.8	13	I	7-18-28	"
Tr.9	1	C	8-18-28	"
Tr.11	18	D	17-18-28	"
TOTAL	12			132
OPR. TOTAL	15			140

WILLIAM HUDSON

Dunn	7	K	10-18-28	5
Welch St.	1	P	16-18-28	4
"	2	O	"	2
Welch West.	1	P	9-18-28	1
"	2	I	"	1
TOTAL	5			13

KENNEDY OIL CO. INC.

Delhi St.	1	D	33-17-28	3

KERSEY & CO.

Delhi St.	14	O	32-17-28	1
*Dunn	3	K	12-18-28	SI
Featherstone	2	A	29-18-28	5
MRY	2	E	30-18-28	2
Acreage Factor 1.075				
McGurt St.	1	K	24-17-28	1
Ramapo A	1	I	32-17-28	1
"	2	P	"	1
Sheldon	1	O	14-18-28	SI
Texaco St.	2	J	7-18-28	5
TOTAL	7			16

(Artesia Dunn Flood)

3 Allowable Units

Dunn	1	F	12-18-28	15
"	2	L	"	19
*Dunn	3	K	"	Inject
TOTAL	2			34

*Dual, Oil - Injection

(Twin Lakes Flood)

Twin Lakes	2,14	M	28-18-28	18
"	6,11	K	"	8

KERSEY & CO. CONTINUED

Twin Lakes	9,15	N	28-18-28	6
"	10	L	"	11
Yates	1	D	33-18-28	6
"	4,5	C	"	9
Twin Lakes	1,7,12	M	28-18-28	Inject
"	4,5,13	K	"	"
"	8	L	"	"
Yates	2	C	33-18-28	"
"	3	D	"	"
TOTAL	10			58
OPR. TOTAL	19			108

KINCAID & WATSON DRLG. CO.

Moore St.	1	H	34-17-28	2

L & G OIL CO.

Gulf St.	1	J	23-18-28	7
"	2	O	"	7
TOTAL	2			14

J. MASK & G. WESTALL

Eddy BOA St.	1	P	8-18-28	1

RUBEN F. MOMSEN

North St.	1	G	23-18-27	2

B. N. MUNCY, JR.

Rotary	1,2	B	30-18-28	2
"	3	G	"	2
State A	1	A	34-17-28	10
State C	1	B	"	13
"	2	C	"	6
TOTAL	6			33

RALPH NIX

Signal St.	2	E	17-18-28	11

RALPH NIX & JERRY CURTIS

Gulf A St.	1	I	19-18-28	1

PENROC OIL CORP.

N.G.Phil.St.	7	F	27-17-28	2
"	8	E	"	2
State	1	P	28-17-28	11
TOTAL	3			15

(Penroc Phillips Flood)
5.33 Allowable Units

N.G.Phil.St.	1	G	27-17-28	2
"	2,9	H	"	8
"	3	P	"	10
"	5	J	"	18
"	4	I	"	Inject
TOTAL	5			38
OPR. TOTAL	8			53

PAUL E. PLUMMER & WM. H. MCKINLEY

Gulf A St.	2	E	23-18-28	20
" B St.	1	F	"	10
Humble St.	1	H	9-18-28	2
TOTAL	3			32

POPE & BURROWS

Gulf St.	1	O	26-18-27	2

CHARLES POWELL

Signal St.	1,3	I	18-18-28	7

REMUDA OIL & GAS CO.

Humble St.	1	A	17-18-28	6
"	2	D	20-18-28	6
TOTAL	2			12

RESLER & SHELDON

MRY St.	1	F	23-18-27	6

SALMON & SON

State U	1	B	9-19-28	2

SAMEDAN OIL CORP.

Walker St.	2	O	27-17-28	2

SHENANDOAH OIL CORP.

Atsel Fed.	1	O	30-17-29	4
"	2	I	"	4
Cont.B St.	2	M	"	4
Acreage Factor 0.700				
Cont.B St.	3	N	"	4
Cont.E St.	1	L	"	4
Acreage Factor 0.700				
Cont.E St.	4	F	"	4
Five J	1	I	25-17-28	6
"	2	G	36-17-28	1
"	3	O	25-17-28	1
Green Fed.	1	D	31-17-29	4
Acreage Factor 0.725				
"	2	C	"	4
"	3	F	"	4
"	4	G	"	4
"	5	E	"	4
Acreage Factor 0.725				
"	6	H	"	4
Green Fed.	7	B	31-17-28	4
Johnston St.	1	K	30-17-29	1
TOTAL	17			61

SUNLAND OIL CO.

T.Allen	9	P	28-18-28	14

J. M. WELCH

Dunn B Fed.	10	L	10-18-28	1
"	11	M	"	1
TOTAL	2			2

MARIAN C. WELCH

Lackawanna	3	G	21-18-28	10
"	9	A	"	10
"	12	B	"	10
Lack.A	10,11	N	24-18-27	1
Simpson	1	N	7-18-28	2
TOTAL	6			33

YATES DRLG. CO.

Aggie A St.	1	G	25-18-27	5
Gulf St.	1	K	19-18-28	1
MYB	1	O	13-18-27	1
MYM	1	N	"	2
*Sinc.St.	1	M	35-17-28	5
State D	1	P	24-18-27	1
"	2	O	"	1

YATES DRLG. CO. CONTINUED

State E	1 B	25-18-27	1
"	2 A	"	1
"	3 C	"	3
State H	1 I	26-18-27	1
Stout	1 M	24-18-27	1
"	2 L	"	1
TOTAL	13		24

*This well on same unit with Depco, Inc. Artesia Unit #28.

YATES PETR. CORP.

MRY St.	1 C	4-19-28	SI drop
Acreage Factor 0.975			
Mesa	2 D	"	SI drop
Acreage Factor 0.975			

(Artesia-Dunn Flood)
4 Allowable Units

Dunn	1 J	11-18-28	45
"	4 N	"	19
"	2 O	"	Inject
"	3 M	"	"
TOTAL	2		64

HARVEY E. YATES

Fulton Collier	1C	1-18-28	1

JOHN A. YATES

Gulf St.	1 B	8-19-28	1
State B	1,4 K	5-19-28	3
State C	3 F	"	1
TOTAL	4		5

(State A Flood)
3 Allowable Units

State A	5 O	5-19-28	5
"	2 J	"	Inject
"	6 P	"	"
OPR. TOTAL	5		10

S. P. YATES

State G	1 L	23-18-28	1
POOL TOTAL	361		2333

ATOKA GRAYBURG

KEWANEE OIL CO.
(Atoka Gbr.Unit Flood)
6 Allowable Units
Atoka Gbr.Unit

Tr.2	1 H	14-18-26	23
"	7 F	13-18-26	38
"	12 D	"	31
Tr.6	2 G	"	16
Tr.2	3 E	"	Inject
"	10 A	14-18-26	"
"	11 C	13-18-26	"
TOTAL	4		108

ATOKA (SA)

JONES & HAILE

Egger	1 G	22-18-26	1
J.R.Lee	1 B	"	2
Western Lee	1 E	"	3
TOTAL	3		6

BILL JONES OIL CO.

Fair	1 D	24-18-26	25

KEWANEE OIL CO.

Jones D	1 H	13-18-26	37
"	2 I	"	35
"	4 E	18-18-27	72
Acreage Factor 1.025			
TOTAL	3		144

(Atoka San Andres Unit Flood)
58 Allowable Units
Atoka San Andres Unit

Tr.2	1 J	10-18-26	2
"	2 I	"	9
Tr.3	1 G	11-18-26	4
"	3 E	"	6
Tr.4	1 K	"	8
Tr.5	2 M	"	10
Tr.6	2 I	"	5
"	3 M	12-18-26	6
Tr.7	1 O	11-18-26	15
Tr.9	1 E	12-18-26	7
Tr.11	2 K	"	7
Tr.13	1 O	"	6
Tr.14	1 B	15-18-26	3
Tr.15	2 C	14-18-26	11
Tr.16	4 E	"	14
Tr.18	1 G	"	15
Tr.19	2 D	13-18-26	SI
"	5 C	"	8
"	6 F	"	5
"	8 H	14-18-26	11
Tr.20	2 G	13-18-26	5
Tr.21	1 A	"	8
Tr.22	2 K	14-18-26	12
Tr.23	2 L	13-18-26	18
Tr.24	1 K	"	10
Tr.25	1 O	14-18-26	14
"	3 M	"	7
Tr.26	1 P	"	9
Tr.28	1 N	13-18-26	18
Tr.29	1 C	23-18-26	5
Tr.1	1 K	10-18-26	Inject
Tr.2	3 P	"	"
Tr.3	2 F	11-18-26	"
"	4 H	10-18-26	"
"	6 C	11-18-26	"
Tr.4	2 L	"	"
Tr.5	1 N	"	"
Tr.6	1 J	"	"
"	4 H	"	"
"	5 L	12-18-26	"
Tr.7	2 P	11-18-26	"
Tr.8	1 D	12-18-26	"
Tr.10	1 F	"	"
Tr.11	1 N	"	"
Tr.12	1 J	"	"
Tr.15	3 D	14-18-26	"
Tr.16	3 F	"	"
Tr.17	2 B	"	"
Tr.19	4 A	"	"
"	9 E	13-18-26	"
Tr.20	1 B	"	"
Tr.22	1 J	14-18-26	"

ATOKA (SA) CONTINUED

KEWANEE OIL CO. CONTINUED			
Atoka San Andres Unit			
Tr.23	1	I 14-18-26	Inject
Tr.24	2	J 13-18-26	"
Tr.25	2	N 14-18-26	"
Tr.27	1	M 13-18-26	"
Tr.29	2	D 23-18-26	"
Tr.30	1	A "	"
TOTAL	29		258
OPR. TOTAL	32		402
MARSHALL B. MORRIS			
Cannon	1	B 21-18-26	1
PENASCO CORP.			
Kissinger	1	C 10-18-26	1
YATES PETR. CORP.			
Martin	1	N 15-18-26	5
"	2	K "	2
"	3	J "	6
"	4	O "	9
TOTAL	4		22
JOHN A. YATES			
Torres	1	P 9-18-26	1
MARTIN YATES, III			
Atoka St.	1	O 16-18-26	1
"	2	J "	1
"	3	K "	1
Everest	1	I 15-18-26	2
"	2	L 14-18-26	2
G.Wheatley	1	I 12-18-26	7
TOTAL	6		14
POOL TOTAL	49		472

BARBER (Y)

BARBER OIL INC.			
Colglazier	1	B 20-20-30	14
"	2,3	G "	14
State	2	N 17-20-30	21
State A	1	O "	13
"	4	J "	13
Stovall Wood	1	C 20-20-30	30
"	2,3	F "	30
TOTAL	9		135

BENSON QUEEN GRAYBURG, NORTH

BEARING SERVICE & SUPPLY CO. INC.			
Sunshine	1	A 31-18-30	7
Texaco St.	1	C 32-18-30	13
TOTAL	2		20
DEPCO, INC.			
Simms & Reese Fed.			
	1	A 33-18-30	5
"	2	B "	1
TOTAL	2		6
ELLIOTT OIL CO.			
E.M.Elliott	2	J 29-18-30	1
"	3	F "	1
TOTAL	2		2
OLEN F. FEATHERSTONE II			
Chad.Fed.	1	G 27-18-30	7
H & S OIL COMPANY			
McClay	1	I 33-18-30	4
"	5	H "	6
TOTAL	2		10
READING & BATES, INC.			
Feath.Fed.	1	O 27-18-30	3
Jones Fed.	1	B 34-18-30	3
"	2	G "	1
Simms Fed.	1	C "	5
"	2	F "	2
"	3	E "	1
"	4	D "	2
TOTAL	7		17
SUNSET INTERNATIONAL PET. CORP.			
Elliott Fed.	2	O 29-18-30	5
"	3	P "	4
Holt Fed.	1	N "	2
Light Fed.	1	K "	5
"	2	I "	5
TOTAL	5		21
TEXACO INC.			
L.R.Mann B Fed.NCT-1			
	2	M 27-18-30	13
"	3	P 28-18-30	8
"	4	O "	7
"	5	J "	11
"	6	I "	15
"	7	K "	12
"	8	L "	2
"	9	L 28-18-30	7
"	10	N "	12
"	11	G "	16
"	12	H "	17
"	14	F "	7
"	15	C "	2
"	16	E 27-18-30	9
"	17	K "	9
"	18	F "	12
"	19	D "	11
"	20	C "	4
N.M.CY St.NCT-1			
	1	E 32-18-30	6
"	2	D "	6
"	3	F "	7
"	4	K "	8
TOTAL	22		181
JOHN H. TRIGG			
Fed.BN	1	D 35-18-30	3
POOL TOTAL	44		267

BENSON YATES, EAST

E.A.CULBERTSON & WALLACE W. IRWIN AND SO. CALIF. PETR. CORP.			
Fed.13	1	E 13-19-30	5

BENSON YATES, EAST CONTINUED

E.A.CULBERTSON & WALLACE W. IRWIN AND ODESSA EQUIP. CO. INC.			
Fed.18	1 E	18-19-31	2
Acreage Factor 0.925			
"	2 K	"	2
"	3 H	"	5
TOTAL	3		9
SOUTHWESTERN INC.			
So.Cal.Pet.Corp.Fed.	1 H	14-19-30	5
POOL TOTAL	5		19

BIG EDDY-BONE SPRING

Top Allowable 210

PENNZOIL UNITED, INC.			
Big Eddy Ut. 12 D		21-20-31	14

BIG EDDY DELAWARE

Top Allowable 94

AMOCO PROD. CO.			
Big Eddy Ut. 11 I		7-20-31	19

BIG EDDY STRAWN

Top Allowable 607 GOR 6,000

160 Acre Proration Units

PERRY R. BASS				
Big Eddy Unit				
(47)	8 C	30-20-31	7	5255
" (160)	10 K	19-20-31	160**	12006
" (33)	15 B	30-20-31	12**	7061
TOTAL	3			179

BITTER LAKES SA, SOUTH

PETROLEUM CORP. OF TEXAS			
M.A.Cannon	1 K	27-10-25	1
"	2 J	"	1
"	3 L	"	1
"	4 M	"	1
"	5 O	"	1
"	6 N	"	1
Dekalb Fed.	1 F	"	1
"	3 E	"	1
Elliott Fed.	1 E	26-10-25	SI
Leonard Fed.	3 B	27-10-25	SI
Mohawk Fed.	1 O	22-10-25	3
TOTAL	9		11

BITTER LAKES SA, WEST

N. DALE NICHOLS			
Cannon	1 P	17-10-25	1
"	2 I	"	SI

BROWN (Q.G)

MERCURY PROD. CO.			
(Brown Flood)			
Chav.P St.	2 H	26-10-26	SI
Kelly A St.	1 B	"	1
St.E-92	1,3 F	"	SI
"	4 C	"	SI
"	5,12 D	"	SI
"	10 G	"	SI
"	14 E	"	SI
"	15,16 K	"	SI
"	18 F	"	5
MERCURY PROD. CO. CONTINUED			
St.E-92	6 F	26-10-26	SI
"	9 C	"	SI
"	13 E	"	SI
"	17 K	"	SI
"	19 C	"	SI
TOTAL	2		6

BRUSHY DRAW DELAWARE

CURTIS HANKAMER			
Gulf Fed.	1 N	13-26-29	5
Gulf A Fed.	3 E	"	3
Gulf B Fed.	4 M	"	5
"	5 L	"	6
Gulf Beaty	1 D	24-26-29	9
"	3 I	14-26-29	12
Han.Fed.	1 M	12-26-29	2
TOTAL	7		42

BURTON YATES

YATES PET. CORP.			
Williamson BC	2P	7-20-29	1

CABIN LAKE STRAWN

Top Allowable 473

PHILLIPS PET. CO.			
James A	1 O	2-22-30	20

CANYON WOLFCAMP

Top Allowable 94

GORDON M. CONE			
Gorman St.	1 C	36-19-24	1

CAVE

ROBERT H. BIRDWELL			
Levers	3Y N	33-16-29	7

(Cave Pool Unit Flood)

70 Allowable Units

Cave Pool Ut.	1 O	33-16-29	1
"	3 A	4-17-29	SI
"	5 C	"	5
"	7 A	5-17-29	7
"	10 G	"	7
"	12 E	4-17-29	5
"	14 G	"	7
"	16 E	3-17-29	12
"	17 I	4-17-29	1
"	19 K	"	8
"	21 I	5-17-29	8
"	23,24 K	"	9
"	26 O	"	5
"	28 M	4-17-29	10
"	30 O	"	7
"	32 A	9-17-29	7
"	35 A	8-17-29	6
"	37 C	"	4
"	39 A	7-17-29	SI
"	41 E	8-17-29	1
"	43 G	"	1
"	48 K	"	1
"	52 M	5-17-29	4
"	2 P	33-16-28	SI
"	4 B	4-17-29	SI
"	6 D	"	SI

CAVE POOL CONTINUED

ROBERT H. BIRDWELL CONTINUED

Cave Pool Ut.	8	B	5-17-29	SI
"	9	F	"	Inject
"	11	H	"	SI
"	13	F	4-17-29	Inject
"	15	H	"	"
"	18	J	"	"
"	20	L	"	"
"	22	J	5-17-29	"
"	25	N	"	"
"	27	P	"	"
"	29	N	4-17-29	"
"	31	P	"	SI
"	33	B	9-17-29	Inject
"	34	D	"	"
"	36	B	8-17-29	"
"	38	D	"	"
"	40	B	7-17-29	SI
"	42	F	8-17-29	Inject
"	44	H	"	"
"	45	H	9-17-29	"
"	47	J	8-17-29	"
"	49	L	"	SI
"	50	N	"	SI
"	51	L	5-17-29	SI
"	53	H	7-17-29	Inject

TOTAL	22			116
OPR. TOTAL	23			123
ERWIN J. LEVERS				
Levers Fed.	1	I	33-16-29	2
POOL TOTAL	24			125

CEDAR HILLS (Y)

GEORGE D. RIGGS				
Welch Fed.	6	W	5-21-27	10

CEDAR LAKE ABO

Top Allowable 164 GOR 2,000

ATLANTIC RICHFIELD CO.				
Fren Oil Co.	19	I	19-17-31	19

CHISUM (DEV)

Top Allowable 124

AMOCO PRODUCTION CO.				
State CF	4	J	13-11-27	27

CHISUM SAN ANDRES

PLAINS RADIO BROADCASTING CO.				
LE Ranch 7	1	C	7-11-28	4

CHISUM SAN ANDRES, EAST

PLAINS RADIO BROADCASTING CO.				
LE Ranch 9	1	O	9-11-28	8

CORRAL CANYON DELAWARE

PERRY R. BASS				
Cont'l.Fed.	1	D	20-25-30	14
Poker Lake Ut.	11	M	17-25-30	11
TOTAL	2			25
RLAPH LOWE				
Pok.La.St.	1	M	8-25-30	7
R&B Fed.	1	A	18-25-30	8
R&B A Fed.	1Y	D	17-25-30	7
TOTAL	3			22

FRED POOL DRLG CO.

Hanagan St.	1	G	8-25-30	5
Rich.&Bass Fed.	1M		9-25-30	6
Superior St.	1	H	8-25-30	5
"	2	I	"	SI
TOTAL	3			16

WESTERN STATES PROD. CO.

Poker La.Ut."NP"				
	38	A	19-25-30	7
POOL TOTAL	9			70

COTTON DRAW BRUSHY CANYON

Top Allowable 164

TEXACO INC.				
T.W.Heflin Fed.				
	1	O	24-24-31	6

COYOTE QUEEN

PAUL SLAYTON				
Dekalb Fed.	1	A	20-11-27	1
Dekalb A Fed.	1	P	17-11-27	SI
Han.A St.	1	P	16-11-27	1
"	2,100	I	"	1
Han.B St.	1	N	"	1
"	2	O	"	5
Honolulu St.	1,5	D	14-11-27	2
"	3	E	"	2
Levick A St.	1	D	21-11-27	1
"	2	C	"	5
Levick B St.	1	B	"	7
"	2	A	"	1
Lev.C St.	1,100	M	15-11-27	6
"	2,101	L	"	1
"	3	K	"	2
"	4	F	"	1
Lev.D St.	1	G	15-11-27	5
"	2	H	"	1
"	3	B	"	1
"	4	A	"	2
McAlester St.	1	N	10-11-27	1
NM A State	1	M	11-11-27	2
"	2	K	"	1
"	3	P	10-11-27	SI
"	4	O	"	SI
Pan Am.A St.	1	D	22-11-27	No C-115
TOTAL	26			50

DAGGER DRAW-UPPER PENN.

Top Allowable 164 GOR 2,000

ROGER C. HANKS				
Dagger Draw(40)	1	D	30-19-25	40**3000

DARK CANYON (DEL)

MARTIN YATES, III				
Cordie King	1	L	22-23-26	1

DAYTON ABO

Top Allowable 94

E. P. CAMPBELL				
Cockerham	1	A	34-18-26	9
CONTINENTAL-EMSCO CO.				
Nix & Curtis	1	E	25-18-26	1

KIMBELL INC.				
B&B Fed.	1	C	36-18-26	9
LEONARD LATCH				
D.H.Good	1	D	35-18-26	9
POOL TOTAL	4			28

DAYTON (G)

BASSETT-BIRNEY OIL CORP.				
Kimbell	2	O	26-18-26	1
Roberts	1	C	35-18-26	1
TOTAL	2			2
H & S OIL COMPANY				
Fedell	1	B	35-18-26	1
POPE & BURROWS				
McCall	1	M	24-18-26	2
Scripps	1	L	25-18-26	SI
Williams	2	D	"	4
"	3,6	B	"	6
TOTAL	4			12
POOL TOTAL	7			15

DAYTON (G), EAST

GEORGE A. CHASE				
Fed.B	2	D	28-18-27	2
Fed.T	1	A	29-18-27	1
"	2	H	"	1
"	3	I	"	1
TOTAL	4			5
LEE DRILLING CO.				
Fed.G	1	G	29-18-27	3
"	2	B	"	2
TOTAL	2			5
POOL TOTAL	6			10

DIABLO SAN ANDRES

PAUL SLAYTON				
Diablo St.	1	P	16-10-27	SI
Penrose St.	1	D	22-10-27	SI

DOG CANYON GRAYBURG

HANSON OIL CORP.				
Han.A Fed.	1	M	27-16-27	5
"	3	K	"	5
Hitch.A Fed.	6	J	"	1
Hitch.B Fed.	1	P	28-16-27	1
TOTAL	4			12
J & H PRODUCTION CO.				
Hitch.27	1	F	27-16-27	6
POOL TOTAL	5			18

DOS HERMANOS YATES SEVEN RIVERS

WM. A. & ED. R. HUDSON				
Federal	1	F	33-20-30	10
"	2	E	"	10
"	3	K	"	10
"	5	C	"	8
"	6	D	"	8
"	7	N	29-20-30	5
Gulf Fed.	1	G	33-20-30	9
"	2	J	"	9
TOTAL	8			69
JOHN H. TRIGG				
Fed.M	1	B	33-20-30	11
"	3Y	O	28-20-30	14
"	6	J	"	12
TOTAL	3			37
POOL TOTAL	11			106

DOUBLE L-QUEEN

GOR Limit 2,000

AMOCO PROD. CO.					
Falgout"A"Fed.	1	P	23-14-29		3*46667
State EK(17)	1	N	25-14-29		2*62352
" (100)	2	D	"	70	225
" (36)	3	C	"	36	167
" (138)	4	E	"	70	1261
" (89)	5	F	"	70	180
TOTAL	6			251	
DALPORT OIL CORP.					
Rob (33)	1	H	1-15-29	33	244
" (58)	2	I	"	10	*14000
" (135)	3	P	"	70	362
Spurck St.(98)	2H		36-14-29	70	1220
" (37)	3	I	"	12	*11894
" (7)	4	G	"	7	**6220
" (18)	6	B	"	18	TSTM
" (23)	7	A	"	23	TSTM
" (56)	8	P	"	7	*19153
" (91)	10	O	25-14-29	70	TSTM
Sunset St.(85)	1	H	12-15-29	70	449
" (100)	2	I	"	70	995
TOTAL	12			460	
CORINNE GRACE					
State (33)	1	A	1-15-29		4*38909
JACK L. MCCLELLAN					
Barb.Fed.(92)	1	P	12-15-29	44	1930
Lois St.(100)	1	A	"	70	150
Sun St. (57)	1	M	24-14-29	57	579
TOTAL	3			171	
WOLFSON OIL CO.					
Amerada"C"Fed. (32)	1	B	12-15-29		4*35000
POOL TOTAL	23			890	

EAGLE CREEK SAN ANDRES

YATES PET. CORP.				
Eagle Creek BL	1,2	N	23-17-25	26
Federales BO	1	D	"	15
"	2Y	A	22-17-25	56
"	3	B	"	41
Federal BQ	1	C	27-17-25	15
Gissler AV	1	C	23-17-25	4
"	3	E	"	15
"	4	L	"	40
"	5	K	"	40
"	7	M	"	52
Ingram Jackson BV	1	A	27-17-25	70
"	2	D	26-17-25	40
"	3	B	27-17-25	38
Jackson AT	1	O	14-17-25	9

EAGLE CREEK SAN ANDRES CONTINUED

YATES PETROLEUM CORP CONTINUED

Jackson AT	2	N	14-17-25	St drop
"	3	K	"	23
"	4	J	"	30
J Lazy J	1	H	22-17-25	27
"	2	J	"	27
"	3	G	"	42
"	4	I	"	68
McCaw"BT"	1	G	14-17-25	13
Mitchell	1	J	23-17-25	9
White"BU"	1	F	14-17-25	9
TOTAL 24				709

EMPIRE ABO

Top Allowable 124 GOR Limit 2,000

AMOCO PRODUCTION CO.

Chalk Bluff Draw P (7)	3	H	8-18-27	7**	10857
Mal.A Fed.(164)	1	C	11-18-27	124	829
" B(130)	1	E	"	124	808
" (163)	2	D	"	124	312
" C(157)	1	B	"	124	420
"D RAA(163)	1	A	10-18-27	124	1055
" (160)	2	B	"	124	688
"D RAB(166)	4	H	"	124	982
" (161)	5	G	"	124	646
"E RAA(163)	1	P	3-18-27	124	742
"RAB(162)	2	O	"	124	759
" F(161)	1	L	1-18-27	124	565
" (164)	2	E	"	124	555
" (164)	3	M	"	124	567
" (165)	4	F	"	124	842
" (164)	5	K	"	124	720
" (165)	6	B	"	124	752
" (162)	7	G	"	124	765
" (164)	8	C	"	124	671
" (166)	9	H	"	124	837
" (166)	11	A	"	124	837
" (163)	12	N	"	124	902
" G(167)	1	C	10-18-27	124	680
" (162)	2	D	"	124	977
" (158)	3	A	9-18-27	124	1994
" (161)	4	E	10-18-27	124	1000
" (162)	5	H	9-18-27	48	*5191
" (162)	6	I	"	124	1025
" (160)	7	F	10-18-27	124	1019
" (155)	8	J	9-18-27	124	1065
" (159)	9	L	10-18-27	124	1390
" (155)	11	B	9-18-27	124	1594
" (150)	12	M	10-18-27	124	1157
" (154)	14	G	9-18-27	124	1926
Mal.H Fed.RAA (166)	1	I	3-18-27	124	759
"RAB (156)	3	N	"	124	994
" (167)	4	J	"	124	942
" (168)	5	K	"	124	1006
" (84)	9	C	"	52	*4802
Acreage Factor 1.025					
"RAC (158)	2	H	"	124	613
" (165)	6	G	"	124	939
" (168)	8	B	"	127	923
Acreage Factor 1.025					
"RAD (169)	7	A	"	127	834
Acreage Factor 1.025					
Mal.J Fed.(125)	1	A	11-18-27	124	608

AMOCO PROD. CO. CONTINUED

Mal.K Fed.(124)	1	P	9-18-27	118	677
" (133)	3	O	"	83	1526
" L(9)	1	H	4-18-27	9	1444
" N(15)	1	D	15-18-27	15	1000
" R(163)	10	D	1-18-27	124	939
Mann Fed.(156)	1	M	3-18-27	124	706
" (168)	2	L	"	124	1351
Simon Fed.(22)	1	M	4-18-27	25	*9909
St.AE(7)	1	C	32-17-28	7	TSTM
St.AR(156)	1	N	2-18-27	124	865
St.AS(161)	1	O	"	124	907
St.AT RAA(165)	1	L	"	124	1012
St.AT RAB(165)	2	E	"	124	877
St.AT RAC(160)	3	F	"	124	828
St.AU(148)	1	K	"	124	1579
St.BA(164)	1	D	"	127	1079
Acreage Factor 1.025					
St.BC(166)	1	D	4-18-28	124	861
St.BE(163)	1	M	31-17-28	102	1944
Acreage Factor 1.100					
St.BE (24)	2	L	"	24**	6937
Acreage Factor 1.100					
St.BG(163)	1	O	32-17-28	124	620
St.BH(161)	1	A	5-18-28	124	590
" (164)	2	B	"	124	848
St.BK(164)	1	C	"	124	756
St.BM(127)	1	K	31-17-28	60	*4126
St.BO(146)	1	P	32-17-28	124	337
" (166)	2	I	"	124	620
St.BP(160)	1	J	"	124	788
St.BO(166)	1	K	34-17-28	124	554
" (162)	2	L	"	124	821
" (162)	3	M	"	124	1362
" (159)	4	N	"	124	748
St.BR(102)	1	A	16-18-27	75	1790
St.BS(163)	1	F	34-17-28	124	834
St.BT(166)	1	G	"	124	464
" (166)	2	B	"	124	699
" (166)	3	C	"	124	898
St.BU(166)	1	E	"	124	952
St.BV(165)	1	E	32-17-28	124	667
St.BW(160)	1	M	27-17-28	124	1213
St.BX(164)	1	H	34-17-28	124	823
St.BY(163)	1	A	"	124	982
St.BZ(166)	1	P	27-17-28	124	958
" (71)	2	I	"	71	507
" (168)	3	J	"	124	1375
St.CE (65)	1	H	16-18-27	65	1228
" (4)	2	I	"	4	TSTM
St.EA(162)	1	D	6-18-28	136	759
Acreage Factor 1.100					
St.EB(135)	1	M	36-17-27	74	*3356
Trigg Fed.(81)	1	P	34-17-27	81**	2573
Windfohr Fed. (132)	1	P	4-18-27	65	1720
" (102)	2	I	"	64**	3529
" (86)	3	O	"	42	*5837
" (102)	4	J	"	30**	7667
TOTAL 97					10442

ATLANTIC RICHFIELD CO.

Eddy 32 St.(165)	1	D	34-17-28	124	927
" (124)	2	F	32-17-28	107	*2322
Rud.A St.(166)	1	A	2-18-27	124	699

ATLANTIC RICHFIELD CO. CONTINUED						
M.Ya.BARC	(148)	1	M	33-17-28	124	689
"	(148)	2	K	"	124	791
"	(165)	3	E	"	124	1539
"	(166)	4	L	"	124	1036
"	(166)	5	F	"	124	946
"	(148)	6	N	"	124	595
"	(166)	7	J	"	124	855
"	(166)	8	G	"	124	928
"	(166)	9	I	"	124	886
"	(166)	10	H	"	124	886
"	(166)	11	A	"	124	837
"	(166)	12	P	"	124	880
"	(166)	13	C	"	124	1898
"	(104)	14	B	"	97	*2557
"	(148)	15	O	"	124	716
St.AO	(166)	1	J	2-18-27	124	940
"	(166)	2	I	"	124	1398
TOTAL		20			2436	
C & K PETROLEUM INC.						
Abo	(173)	1	N	27-17-28	124	1014
Del.Tay.St.						
	(154)	2	O	34-17-28	124	747
TOTAL		2			248	
CITIES SERVICE OIL CO.						
Hud.A	(145)	1	F	3-18-27	124	1593
" B	(151)	1	E	"	124	1795
Mag.A	(147)	12	P	35-17-27	124	1950
"	(179)	14	M	"	121	*2050
Ohio B St.						
	(150)	1	G	5-18-28	124	1910
"	(140)	2	H	"	124	1666
Rus.C	(140)	9	N	35-17-27	99	*2500
"	(151)	10	O	"	110	*2250
St.CE	(150)	5	C	2-18-27	127	1350
Acreage Factor 1.025						
Wright A St.						
	(138)	4	B	"	124	1449
TOTAL		10			1201	
CONTINENTAL OIL CO.						
St.S-30	(74)	1	E	30-17-29	74	878
"	(82)	2	F	"	82	768
"	(175)	3	L	"	124	900
TOTAL		3			280	
DEPCO, INC.						
Leonard Fed.						
	(115)	7	J	30-17-29	113	*2192
"	(30)	8	I	"	30	**2314
St.A	(4)	46	B	32-17-28	4	TSTM
TOTAL		3			147	
FRANKLIN, ASTON & FAIR, INC.						
St.BB	(163)	1	E	6-18-28	136	1036
Acreage Factor 1.100						
"	(155)	2	F	"	124	1516
"	(151)	3	C	"	124	1490
"	(169)	4	L	"	136	1272
Acreage Factor 1.100						
"	(156)	5	K	"	124	1237
St.BD	(156)	1	N	31-17-28	124	1980
St.BJ	(152)	1	O	"	124	1953
FRANKLIN, ASTON & FAIR, INC. CONTD.						
St.BJ	(135)	2	J	31-17-28	92	*2688
St.BN	(154)	1	D	5-18-28	124	1207
St.F	(3)	1	F	31-17-28	3	1666
TOTAL		10			1111	
GENERAL AMERICAN OIL CO. OF TEXAS						
Green A	(135)	5	G	30-17-29	124	963
"	(125)	6	H	"	124	1280
"	(30)	7	E	29-17-29	30	1167
"	(2)	8	L	"	2	TSTM
"	(30)	9	K	"	30	1333
TOTAL		5			310	
GULF OIL CORP.						
Eddy BU St.	(145)	1	J	16-18-27	124	1097
Eddy I St.NCT-A						
	(150)	1	M	2-18-27	124	793
*NCT-B	(144)	1	P	"	124	1493
*NCT-C	(135)	1	O	36-17-27	124	1933
TOTAL		4			496	
HONDO INTERNATIONAL YATES						
St.A	(166)	1	G	6-18-28	124	645
"	(166)	2	A	"	124	633
"	(166)	3	N	32-17-28	124	651
"	(166)	4	M	"	124	741
"	(166)	5	P	31-17-28	124	669
"	(166)	6	H	6-18-28	124	404
"	(166)	7	K	32-17-28	124	1211
"	(166)	8	L	"	124	1090
"	(166)	9	I	31-17-28	124	1241
"	(166)	10	J	34-17-28	124	416
"	(166)	11	I	"	124	735
"	(166)	12	F	35-17-28	124	627
"	(166)	13	L	"	124	410
"	(166)	14	B	"	124	325
"	(166)	15	C	"	124	548
"	(166)	16	M	26-17-28	124	861
"	(166)	17	A	35-17-28	124	536
"	(166)	18	N	26-17-28	124	428
"	(166)	19	O	"	124	449
"	(166)	20	M	25-17-28	124	639
"	(166)	21	K	26-17-28	124	831
"	(166)	22	G	35-17-28	124	572
"	(166)	23	K	25-17-28	124	1018
"	(166)	24	J	26-17-28	124	783
"	(166)	25	P	"	124	253
"	(166)	26	I	"	124	789
"	(166)	28	L	25-17-28	124	518
"	(166)	29	N	"	124	928
"	(166)	30	I	6-18-28	124	945
"	(166)	31	L	26-17-28	124	572
"	(155)	32	J	25-17-28	124	703
"	(166)	33	H	32-17-28	124	940
"	(166)	34Y	O	25-17-28	124	1108
"	(166)	35	G	32-17-28	124	1681
"	(166)	37	I	25-17-28	124	711
"	(142)	38	A	32-17-28	124	246
"	(166)	39	K	35-17-28	124	494
"	(166)	40	H	"	124	542
"	(166)	42	D	36-17-28	124	319
"	(166)	44	P	25-17-28	124	675
TOTAL		40			4960	

EMPIRE ABO CONTINUED

HUMBLE OIL & REFG. CO.

CBD Ut.	(A)	(50)	1 K	9-18-27	33	*6940
"		(30)	2 F	"	30	**2367
"		(22)	3 N	"	22	**8000
"		(15)	4 C	"	7	*34133
CBD Ut.	(PA)	(12)	4G	17-18-27	12	1750
CBD Ut.	(A)	(34)	5 N	4-18-27	25	*10118
"		(35)	6 C	16-18-27	28	**4571
"		(20)	7 M	9-18-27	20	**8550
"		(34)	8 E	"	34	**2588
"		(10)	9 D	16-18-27	10	**6300
"		(24)	10 L	9-18-27	24	**5125
"		(4)	11 H	17-18-27	4	**17250
"		(10)	13 E	16-18-27	10	**7000
"			14 F	"	SI	
"		(20)	15 K	"	17	1350
"		(15)	16 L	"	12	**4667
"		(32)	17 P	8-18-27	32	**3188
"		(16)	22 I	"	16	**7000
"		(12)	24 J	17-18-27	12	**3416
"		(5)	25 I	"	5	1600
"		(10)	26 K	"	10	**4400
Emp. Abo Fed.						
		(150)	1 J	1-18-27	124	933
"		(165)	2 I	"	124	830
"		(156)	4 P	"	124	1186
"		(125)	5 O	"	124	1088
NM BE St.		(152)	1 C	4-18-28	124	730
NM BF St.		(14)	1 B	16-18-27	14	**16214
"		(32)	2 G	"	32	1531
NM BK St.		(135)	1 K	30-17-29	55	1360
	TOTAL	28			1084	

KERSEY & CO.

Ramapo		(90)	4 P	36-17-27	90	1750
"		(76)	5 I	"	76	1860
	TOTAL	2			166	

PENROC OIL CORP.

Del. A St.		(157)	1 D	33-17-28	124	1108
State		(128)	2 P	28-17-28	124	786
	TOTAL	2			248	

RESLER & SHELDON

State		(165)	1 B	6-18-28	124	1200

RUTTER & WILBANKS BROTHERS

Hud. St.		(166)	1 G	2-18-27	124	928

SAMEDAN OIL CORP.

Walker St.		(161)	1 O	27-17-28	122	*2031

SIGNAL OIL & GAS CO.

State E		(170)	1 E	5-18-28	124	668
State M		(180)	2 M	6-18-28	136	602
Acreage Factor 1.100						
	TOTAL	2			260	

SUN OIL CO.

NM AU St.		(163)	1 N	6-18-28	124	1184
NM T St.		(142)	1 J	"	124	1090
NM V St.		(133)	1 E	35-17-28	124	1600
"		(139)	2 D	"	124	1525
	TOTAL	4			496	

TENNECO OIL CO.

State H		(130)	2 F	5-18-28	124	1580

ESTATE OF FRED TURNER, JR.

St. B-9391		(144)	1 H	2-18-27	124	1087

MARTIN YATES, III

Dooley Abo St.						
		(150)	1 N	36-17-27	124	1193
"		(65)	2 J	"	65	1322
"		(12)	3 K	"	12	**2850
St. 647		(35)	1 K	27-17-28	35	1912
	TOTAL	4			236	
POOL	TOTAL	241			24739	

EMPIRE PADDOCK

AMOCO PRODUCTION CO.

Harbold Fed.			1 O	34-17-27	5	

EMPIRE (Y.SR)

BETRICE BEDINGFIELD

Acrey	1,2,3	F	36-17-27	1	
Brainard	1	O	25-17-27	SI	
"	2	N	"	1	
Conklin	1,2	G	36-17-27	1	
Delhi	1,7	A	"	1	
"	2,5,6	C	"	1	
"	3,4	L	"	1	
Hastie	1,3,9,10	E	18-17-27	4	
Acreage Factor 1.075					
"	5	F	"	1	
"	6	C	"	1	
Malco St.	1	G	31-17-28	1	
State A	1,2	B	36-17-27	1	
St. E-379	1	M	"	1	
Sunray St.	1,2	E	30-17-28	1	
Acreage Factor 1.075					
TOTAL	25			16	

ROBERT H. BORDWELL

Harbold Fed.	3,13	F	35-17-27	1
"	12	C	"	1
Trigg Fed.	1,2	O	26-17-27	2
TOTAL	5			4

CITIES SERVICE OIL CO.

Magruder A	1	J	35-17-27	1
"	2	I	"	1
"	4	P	"	2
Russell C	6	N	"	1
TOTAL	4			5

WILLIAM P. DOOLEY

Ramapo	1,2	K	36-17-27	1
"	3	J	"	1
"	4	N	"	1
TOTAL	4			3

LEONARD LATCH

Berry A	5	A	24-17-27	1
"	6,15,17	G	"	1
"	8	B	"	1
"	16,26	O	"	1
"	19,21	K	"	1
Berry B	23,24	B	25-17-27	3

EMPIRE (Y.SR) CONTINUED

LEONARD LATCH CONTINUED				
Berry B	25	G	25-17-27	2
Spurck	1	I	24-17-27	1
"	2	F	"	1
TOTAL	14			12
(Saunders Flood)				
5.66 Allowable Units				
Saunders A	3,7	B	13-17-27	1
"	5,9	H	"	1
"	8	G	"	1
Saunders B	1	A	"	2
Saunders A	2,4	B	"	Inject
"	6	H	"	"
TOTAL	6			5
(Travis Flood)				
3.33 Allowable Units				
Travis	4,5	O	12-17-27	1
"	6	P	"	1
"	1,2	O	"	Inject
"	3	P	"	"
TOTAL	3			2
(Brooks Waterflood)				
6.66 Allowable Units				
Brooks	1,13	A	19-17-28	1
"	6,7	E	"	SI
"	10,16,23	D	"	1
"	14	G	"	1
"	17	F	"	1
"	11,21	B	"	1
"	18	C	"	1
"	8	E	"	Inject
"	9	C	"	"
"	12	F	"	"
"	20	C	"	"
"	22	B	"	"
TOTAL	10			6
OPR. TOTAL	33			25
B. N. MUNCY, JR.				
Coll.C St.	1,2	J	12-17-27	1
Coll.N St.	1	I	"	2
Gates St.	1,2	H	36-17-27	1
Gibson	1	M	7-17-28	SI
Saunders	1,6	B	13-17-27	1
"	2	F	"	1
TOTAL	8			6
SOL WEST III				
Shearn Fed.	1	H	14-17-27	1
POOL TOTAL	80			60

EMPIRE YATES SEVEN RIVERS, EAST

PENROC OIL CORP.				
N.G.Phil.St.	6	I	27-17-28	2
JOHN A. YATES				
Lois Mae St.	1	K	27-17-28	1
POOL TOTAL	2			3

ESPERANZA DELAWARE

GOR Limit 2,000					
UNION OIL CO. OF CALIF.					
Tracy(181)	1	C	10-22-27	70	293

FIVE MILE-YESO

JOHN A. YATES				
Ferguson	1	L	7-18-26	2
Acreage Factor 0.975				

FREN (SR)

ANADARKO PRODUCTION CO.				
Fed.	7,10,11	P	22-17-30	6
"	8	N	23-17-30	4
"	9	M	"	6
Fed.E	6,7,8	O	22-17-30	7
Fed.P	2,3	K	23-17-30	6
Fed.S	3	C	28-17-30	6
"	4	F	"	5
Fed.X	3,5	N	"	5
"	4	M	"	2
TOTAL	15			47
ATLANTIC RICHFIELD CO.				
Fren Oil Co.A	1	O	19-17-31	1
"	5	P	"	1
"	11	I	"	SI drop
Dale H.Parke B				
Tr.A	2	L	23-17-30	1
Turner A	16	H	19-17-31	3
"	20	H	"	SI drop
"	17,21	G	"	1
"	18	E	"	SI drop
"	19,22	F	"	1
"	23	A	"	1
"	24	C	"	1
"	27	N	18-17-31	2
"	28	O	"	2
"	29	P	"	2
"	30	I	"	1
"	32	J	"	2
"	33	K	"	2
"	34	L	"	SI drop
Acreage Factor 0.800				
Turner B	13	M	20-17-31	SI drop
"	14	N	"	2
"	15,28	E	"	1
"	16	F	"	SI drop
"	18	J	"	SI drop
"	19	I	"	2
"	20	P	"	SI drop
"	25	C	29-17-31	1
"	27	M	20-17-31	2
"	31	P	17-17-31	1
"	32	O	"	1
"	33	A	20-17-31	SI drop
"	35	N	17-17-31	2
"	36	B	20-17-31	2
"	38	C	"	SI drop
TOTAL	26			35
CITIES SERVICE OIL CO.				
Gissler A	4	F	23-17-30	2
FRANKLIN, ASTON & FAIR, INC.				
Brigham B	1	N	22-17-30	7
"	2	M	"	7
TOTAL	2			14

FREN (SR) CONTINUED

GENERAL AMERICAN OIL CO. OF TEXAS			
Arnold D	4	C 27-17-30	2
Arnold E	3	O 23-17-30	2
TOTAL	2		4
GETTY OIL CO.			
State AZ	2	M 16-17-31	5
KENNEDY OIL CO. INC.			
Friess Fed.	1	J 19-17-31	1
State B	3	L "	1
"	4	M "	1
TOTAL	3		3
KERSEY & COMPANY			
Macy	2	N 16-17-31	5
MURCHISON & CLOSUIT			
Sup.Fos.	3	I 17-17-31	2
PLEMMONS & HEWITT			
Friess Fed.	2	F 30-17-31	3
SKELLY OIL CO.			
Skelly Unit	2	C 22-17-31	2
"	3	D "	54
"	4	B 21-17-31	4
"	5	C "	4
"	6	D "	4
"	7	E "	4
"	8	F "	4
"	9	G "	4
"	10	H "	5
"	11	I "	5
"	12	J "	5
"	13	K "	5
"	14	L "	5
"	15	M "	5
"	16	N "	5
TOTAL	15		115
SUN OIL COMPANY			
V.L.Foster	2,4,7J	17-17-31	3
WINDFOHR OIL CO.			
Gis.B	5	J 23-17-30	4
Jack.B	12	I 24-17-30	2
"	13	P "	5
"	14	J "	6
"	16	H "	2
"	28	O "	6
TOTAL	6		25
POOL TOTAL	77		263

GRAYBURG JACKSON (Q.G.SA)

ANADARKO PRODUCTION CO.			
Baxter B Fed.	1	P 25-16-31	3
"	2	H "	9
Baxter C Fed.	1	P 35-16-31	5
"	2	I "	8
Federal S	6	K 28-17-30	10
West.Dev.B St.	1	F 36-16-30	3
TOTAL	6		38

ANADARKO PROD. CO. CONTINUED			
(G-J Unit Flood)			
39.33 Allowable Units			
G-J Unit Tr.1	1K	23-17-30	33
Tr.2	10 E	"	10
Tr.4	1	I 22-17-30	TA
Tr.5A	1	K 26-17-30	8
"	2	N "	59
Tr.6	1	O 22-17-30	10
"	2,5	G 27-17-30	SI
"	4	B "	TA
Tr.7	1	M 23-17-30	44
"	5	M "	TA
"	6	P 22-17-30	SI
Tr.7A	1	G 26-17-30	24
"	3	G "	TA
Tr.7B	1,2	I 27-17-30	28
Tr.8	2	O 23-17-30	15
Tr.9	2	A 26-17-30	9
Tr.10	1	C "	17
Tr.11	2	A 27-17-30	SI
"	3	H "	TA
Tr.12	2	E 26-17-30	7
Tr.13	2	I "	24
"	3	O "	9
"	6	K 25-17-30	10
"	7	M "	25
Tr.14	1	D 36-17-30	14
Tr.2	8	L 26-17-30	Inject
Tr.3	3	L 23-17-30	"
Tr.5	1	N 22-17-30	"
Tr.6	3	B 27-17-30	"
Tr.6A	1	M 26-17-30	"
Tr.7	2	P 22-17-30	"
"	3	N 23-17-30	"
Tr.7A	2	H 26-17-30	"
Tr.8	1	P 23-17-30	"
Tr.9	1	B 26-17-30	"
Tr.10	2	D "	"
Tr.11	1	H 27-17-30	"
Tr.12	1	F 26-17-30	"
Tr.13	1	J "	"
"	4	P "	"
"	5	L 25-17-30	"
"	8	N "	"
TOTAL	18		346
OPR. TOTAL	24		384
ARWOOD LTD.			
Brinson St.	2	A 36-16-31	1
"	3	G "	1
Carper Fed.	1	I 25-16-31	1
Constate	1	C 36-16-31	1
"	2	E "	2
"	3	J "	1
Hustate	1	N "	1
"	2	L "	1
Robinson	1	K 25-16-31	2
"	2	L "	1
"	3	O "	1
Wilson	1	O 2-17-31	2
TOTAL	12		15

ARWOOD LTD. CONTINUED

(Carper Kennedy Flood)

15 Allowable Units

Carp.John.A	2	H	35-16-31	1
"	7	N	"	SI
Featherstone	2	F	2-17-31	45
"	3	B	"	20
"	4	D	"	20
Ken.John.A	1	F	35-16-31	20
"	2	J	"	7
"	3	L	"	7
Wilson	2	J	2-17-31	20
Carp.John.A	1Y	G	35-16-31	Inject
"	3Y	K	"	"
Featherstone	1	G	2-17-31	"
"	5	C	"	SI
Ken.John.A	4	E	35-16-31	Inject
"	5	O	"	SI
"	6	M	"	SI
TOTAL	8			140
OPR. TOTAL	20			155

ATLANTIC RICHFIELD CO.

Fren Oil Co.	2,7	N	19-17-31	2
"	3,8	K	"	11
"	4,9	I	"	10
"	6,12	O	"	5
"	10,13	P	"	7
Fren Oil Co.A	15	A	1-17-31	6
M.Friess MA	1	B	30-17-31	3
"	2	A	"	7
"	3	G	"	10
"	4	H	"	22
W.D.McIntyre C	1D		21-17-30	5
"	2	A	20-17-30	9
"	3	H	"	12
W.D.McIntyre D Tr.1	1	O	17-17-30	12
"	3	P	"	5
"	9	N	"	1
W.D.McIntyre E	2K		20-17-30	2
F.M.Rob.B Tr.1	2B		27-17-29	SI drop
"	21	A	"	10
"	27	C	"	14
Tr.2	19	I	34-17-29	5
TOTAL	25			158

*F.M.Robin B Unit I

	1	A	27-17-29	SI drop
"	14	F	"	2
"	15	G	"	2
"	22	H	"	8
"	28	N	"	3
TOTAL	4			15

*F.M.Robin A Unit II

	3	D	35-17-29	1
"	5	P	27-17-29	4
"	6	H	34-17-29	1
"	10	B	"	9
"	13	J	27-17-29	3
TOTAL	5			18

ATLANTIC RICHFIELD CO. CONTINUED

*F.M.Robin B Unit III

	3	P	35-17-29	4
"	4	A	"	SI drop
"	5	B	"	6
"	6	G	"	9
"	7	F	"	5
"	10	H	"	6
"	11	C	"	8
"	16	I	"	2
"	18	O	"	2
"	23	C	"	SI drop
"	24	A	"	3
"	25	H	"	6
"	30	C	"	1
TOTAL	11			52

*Proration Units established by Order #819.

(Keel West Area Flood)

81 Allowable Units

J.L.Keel A	2	M	7-17-31	35
"	3	N	"	35
"	4	K	"	50
"	6	P	"	23
"	8	J	"	14
"	11	H	"	26
"	13	B	"	10
"	15	E	"	20
J.L.Keel B	3	N	8-17-31	18
"	5	L	"	25
"	6	F	"	23
"	9	H	5-17-31	6
"	10	B	8-17-31	40
"	11	N	5-17-31	73
"	14	P	"	22
"	15	H	8-17-31	24
"	18	D	"	35
"	19	J	5-17-31	31
"	20	P	6-17-31	30
"	23	N	"	35
"	24	F	"	54
"	26	M	"	6
"	27	J	8-17-31	5
H.E.West A	2	B	4-17-31	13
"	5	J	"	45
"	6	H	"	33
"	10	D	3-17-31	SI
"	11	G	"	SI
"	12	H	"	5
H.E.West B	4	D	4-17-31	6
"	5	F	"	26
"	7	L	"	14
"	8	D	9-17-31	5
"	12	G	"	2
"	13	E	10-17-31	20
"	15	G	"	6
"	16	M	3-17-31	11
"	18	O	"	24
"	20	O	10-17-31	16
"	21	M	"	40
"	22Y	O	9-17-31	SI
"	25	P	3-17-31	25
"	27	N	4-17-31	1

GRAYBURG JACKSON (Q.G.SA) CONTINUED

ATLANTIC RICHFIELD CO. CONTINUED				
J.L.Keel A	5	O	7-17-31	Inject
"	7	L	"	"
"	9	G	"	"
"	10	I	"	"
"	12	A	"	"
"	14	D	"	"
J.L.Keel B	1	D	6-17-31	SI
"	2	M	8-17-31	Inject
"	4	O	"	"
"	7	C	"	"
"	8	G	"	"
"	12	A	"	"
"	13	O	5-17-31	"
"	16	I	"	"
"	17	E	8-17-31	"
"	21	J	6-17-31	"
"	22	L	5-17-31	"
"	25	L	6-17-31	"
"	28	I	8-17-31	"
"	29	K	"	"
H.E.West A	4	G	4-17-31	"
"	7	A	"	"
"	8	E	3-17-31	"
"	9	I	4-17-31	"
"	13	C	3-17-31	"
H.E.West B	3	C	4-17-31	"
"	6	E	"	"
"	9	M	"	"
"	10	E	9-17-31	"
"	11	K	4-17-31	"
"	14	K	10-17-31	"
"	17	I	9-17-31	"
"	19	C	10-17-31	"
"	23	K	3-17-31	"
"	24	A	10-17-31	"
"	26	I	3-17-31	"
"	28	A	9-17-31	"
"	29	C	"	"
"	30	K	"	"
TOTAL	40			932
(Russell G-J Flood)				
6.33 Allowable Units				
C.A.Russell	4	D	18-17-31	20
"	5	E	"	3
"	7	F	"	6
"	8	G	"	SI
"	9	B	"	8
"	6	C	"	Inject
"	10	F	"	"
TOTAL	4			37
(Turner A G-J Flood)				
15 Allowable Units				
Turner A	3	K	18-17-31	28
"	4	M	"	15
"	7	C	19-17-31	12
"	8	O	18-17-31	16
"	12	A	19-17-31	13
"	13	I	18-17-31	28
"	14	E	19-17-31	19
"	36	G	"	53
"	2	L	18-17-31	Inject
"	5	D	19-17-31	"

ATLANTIC RICHFIELD CO. CONTINUED				
Turner A	6	N	18-17-31	Inject
"	9	B	19-17-31	"
"	10	J	18-17-31	"
"	11	P	"	"
"	15	F	19-17-31	"
"	35	H	"	"
TOTAL	8			184
(Turner B G-J Flood)				
41.33 Allowable Units				
Turner B	1	P	17-17-31	4
"	2	M	"	64
"	6	C	20-17-31	53
"	7	O	17-17-31	45
"	9	A	20-17-31	5
"	10	G	"	28
"	42	E	"	18
"	51	I	"	7
"	79	K	"	12
Turner B(A)	52	E	29-17-31	51
"	53	I	30-17-31	75
"	60	K	29-17-31	272
"	62	I	29-17-31	201
"	63	O	"	11
"	71	M	"	15
Turner B(B)	43	M	20-17-31	12
"	45	O	"	7
"	48	C	29-17-31	35
"	49	G	"	236
"	59	A	"	16
New Mex.U	1	B	32-17-31	Inject
Turner B	3	D	20-17-31	"
"	4	N	17-17-31	"
"	5	L	"	"
"	8	B	20-17-31	"
"	11	H	"	"
"	30	P	17-17-31	"
"	41	F	20-17-31	"
"	76	P	30-17-31	"
"	78	J	20-17-31	"
Turner B(A)	54	F	29-17-31	"
"	56	J	30-17-31	"
"	61	J	29-17-31	"
"	64	L	"	"
"	66	N	"	"
"	68	P	"	"
Turner B(B)	44	N	20-17-31	"
"	46	P	"	"
"	47	B	29-17-31	"
"	50	D	"	"
"	55	H	"	"
"	67	L	20-17-31	"
TOTAL	20			1167
OPR. TOTAL	117			2563
BASSETT-BIRNEY OIL CORP.				
St.B-4458	8	D	36-17-29	1
TOM BOYD & JACK PLEMONS				
Cont.27 St. 1,3	E		27-17-29	18
" 2,4,5	D		"	18
TOTAL	5			36

CITIES SERVICE OIL CO.			
Gissler A	1	C 23-17-30	40
"	3	F "	19
TOTAL	2		59
R. D. COLLIER			
McCullough St.	1	M 16-17-30	9
State	1,3	I 33-17-29	6
TOTAL	3		15
CONTINENTAL OIL CO.			
St.S-19	2	I 19-17-29	1
DEPCO, INC.			
Leonard Fed.	1	C 33-17-29	1
"	2	E "	4
"	3	F "	2
"	4	D "	5
"	5	L "	13
"	6	K "	3
Leonard B	1	B "	2
"	2	H "	3
"	3	A "	2
"	4	G "	2
TOTAL	10		37
FAIR OIL CO.			
State A	4	E 36-17-29	3
FEATHERSTONE FARMS, LTD.			
State	9	N 2-17-31	8
State B	10	K "	18
TOTAL	2		26
FRANKLIN, ASTON & FAIR, INC.			
Brigham H	1	L 21-17-30	6
McIntyre A	1	I 20-17-30	8
"	2	P "	Gas Well
McIntyre AI	3	J "	7
" B	1	L "	8
"	2	M "	2
TOTAL	5		31
(FAF Hudson Flood)			
4.33 Allowable Units			
Hudson	1	A 18-17-31	6
"	2	H "	7
"	3	E 17-17-31	10
"	4	D "	22
"	5	E "	Inject
TOTAL	4		45
OPR. TOTAL	9		76
GENERAL AMERICAN OIL CO. OF TEXAS			
Burch B	19	A 23-17-29	70
"	20	B "	70
"	21	L 18-17-30	70
"	22	K "	60
Burch C	15	D 23-17-28	35
"	17	C "	70
"	18	G 30-17-30	70
Dexter	1	F 24-17-30	3
Dexter E	1	B 20-17-30	5
"	2	G "	4
Green A	4	I 29-17-29	2

GEN. AMERICAN OIL CO. OF TEX. CONTD.			
Keely A	17	O 13-17-29	70
"	18	M "	70
"	20	N "	70
"	21	P "	70
"	22	I "	70
Keely C	2	D "	70
"	3	C "	14
"	45	H "	22
"	46	E "	10
"	47	G "	40
"	48	K "	35
McIntyre G	1	B 21-17-30	1
Parke E	1	G 22-17-30	44
TOTAL	24		1045

Allowable for the following units based on Commission Order #802 as amended by Order R-1058.

GAOC Proration Unit G-1

Burch A	2	L 19-17-31	4
"	3	E "	4
"	6,22	H "	14
"	7	B "	8
"	10	A "	SI
"	11,25	I "	8
"	12,27	J "	6
"	13	K "	4
"	15	N 18-17-30	40
"	16	M "	1
TOTAL	12		89

GAOC Proration Unit G-2

Burch B	1,13	N 19-17-30	8
"	6	M "	12
"	9	D 30-17-30	2
"	10,15	C "	5
"	12	F "	2
TOTAL	7		29

GAOC Proration Unit G-4

Keely A	2	H 24-17-29	3
"	3	A "	14
"	4,15	G "	17
"	5	I "	SI
"	6	L "	2
"	7	K "	1
"	8	J "	1
"	9	E "	2
"	11	I "	1
"	16	C "	70
"	19	D "	70
TOTAL	11		181

GAOC Proration Unit W-1

Burch C	3	O 19-17-30	5
"	5	P "	6
"	9	B 30-17-30	10
"	16	A "	70
TOTAL	4		91

GAOC Proration Unit W-3

Keely C	15	L 26-17-29	2
"	16,31	K "	3

GEN. AMERICAN OIL CO. OF TEX. CONTD.

Keely C	21	M	26-17-29	2
"	22,35,44	N	"	14
TOTAL	7			21

GAOC Proration Unit W-4

Keely C	4	P	24-17-29	1

(Grayburg Jackson Flood #2)
Consists of Proration Units G-2, G-5, W-3, & W-4

GAOC Proration Unit G-2
1.33 Allowable Units

Burch B	11,18	E	30-17-30	13

GAOC Proration Unit G-5
12.33 Allowable Units

Keely B	2	N	24-17-29	1
"	3	M	"	1
"	5,18	D	25-17-29	70
"	7	G	26-17-29	15
"	8,19	H	"	4
"	9,21	J	"	2
"	11	O	"	4
"	12,16,22	P	"	26
"	14,20	C	25-17-29	3
"	6	C	"	Inject
"	10	I	26-17-29	"
TOTAL	15			126

GAOC Proration Unit W-4
15.33 Allowable Units

Keely C	7,39	B	25-17-29	9
"	8,28,40	A	"	6
"	11,42	F	"	6
"	13,30	H	"	6
"	17,43	L	"	5
"	19,33	J	"	12
"	23	M	"	2
"	24,36	N	"	10
"	32	K	"	3
"	34	I	"	3
"	10	E	"	Inject
"	12	G	"	"
"	18	K	"	"
"	20	I	"	SI
"	25,37	O	"	Inject
TOTAL	18			62

(Grayburg Keely Unit Flood)
16.66 Allowable Units
Wells marked with an asterisk do not participate in project allowable. R-3026.
Grayburg Keely Unit

*Tr.BB	2	M	23-17-29	8
"	3	L	"	8
*"	4,14	N	"	31
"	5	K	"	9
"	8	H	"	5
Tr.BC	4	J	"	12
"	6,14	O	"	25
"	10	P	"	9
Tr.KB	1	B	26-17-29	8

GEN. AMERICAN OIL CO. OF TEX. CONTD.
Grayburg Keely Unit

Tr.KC	1,27	D	26-17-29	16
"	6	C	"	5
"	29,41	F	"	24
Tr.BB	7	G	23-17-29	Inject
Tr.BC	1	E	"	"
"	2	F	"	"
"	7	I	23-17-29	"
"	8	P	"	"
Tr.KB	4	A	26-17-29	"
*"	13	H	"	"
Tr.KC	9	F	"	"
*"	14	E	"	"
TOTAL	16			160

(G-J Premier Sand Unit Flood)
22 Allowable Units
G-J Premier Sand Unit

Tr.AD	3	C	27-17-30	20
Tr.AF	2	D	35-17-30	SI
Tr.BA	2	A	28-17-30	15
"	3	I	"	10
Tr.MA	1	P	"	32
Tr.MB	1	M	27-17-30	8
"	2,12	L	"	38
"	3	N	"	SI
"	4	K	"	16
"	5	O	"	6
"	6	J	"	SI
"	7	P	"	12
Tr.AD	1	F	"	Inject
"	6	E	"	"
"	8	B	34-17-30	"
"	9	A	"	"
Tr.BB	1	A	33-17-30	"
Tr.FG	1	D	34-17-30	"
"	2	C	"	"
Tr.MA	2	H	28-17-30	"
Tr.MB	9	J	27-17-30	"
Tr.ME	1	O	28-17-30	"
TOTAL	10			157
OPR. TOTAL	127			1975

GETTY OIL CO.

State AZ	1	M	16-17-31	4
State BE	1	B	16-17-30	11
TOTAL	2			15

HANAGAN PETR. CORP.

Mobil St.	1	H	16-17-31	1

CURTIS R. INMAN

Gen.Am.Fed.	1	P	10-17-30	9

KENNEDY OIL CO. INC.

Friess Fed.	2,3	J	19-17-31	14
Hondo Fed.	1	E	1-17-31	4
"	2	D	"	8
State B	1,5	L	"	5
Acreage Factor 0.825				
"	2,6	M	"	5
Acreage Factor 0.825				
N.M.BG St.	1	I	2-17-30	4
Tidewater St.	1	M	"	15

KENNEDY OIL CO. INC. CONTINUED				
Tidewater St.	2	L	2-17-31	12
"	3	E	"	12
"	4	H	"	12
"	5	A	"	10
TOTAL	14			101
KERSEY & CO.				
Macy	1	N	16-17-31	6
Randel St.	17	C	16-17-30	12
"	19	D	"	12
St.WK	1	G	"	3
"	2	B	"	3
TOTAL	5			36
(Old Loco Unit Flood)				
16 Allowable Units				
Old Loco Ut.	2	B	32-17-29	3
"	4	D	"	3
"	6	F	"	8
"	7	G	"	26
"	8	H	"	13
"	10	J	"	1
"	11	K	"	16
"	12	L	"	3
"	14	N	"	8
"	16	P	"	1
"	1	A	"	inject
"	3	C	"	"
"	5	E	"	"
"	9	I	"	"
"	13	M	"	"
"	15	O	"	"
TOTAL	10			82
OPR. TOTAL	15			118
KINCAID & WATSON DRLG. CO.				
Humble St.	1	F	20-17-29	2
MERCURY PROD. CO.				
Constate	1	D	36-16-31	1
MURCHISON & CLOSUIT				
State	1	K	16-17-31	10
"	2	L	"	7
"	3	F	"	10
State B	1	J	"	11
"	2	O	"	7
"	3	P	"	7
"	4	I	"	10
Sup.Fos.	1	I	17-17-31	2
TOTAL	8			64
PETROLEUM CORP. OF TEXAS				
Berry A Fed.	1	C	2-17-30	5
"	2	F	"	8
"	3	E	"	8
Dexter 15 Fed.	1	J	15-17-30	8
Flint B Fed.	1	M	14-17-30	2
Jen.B Fed.	2	D	20-17-30	1
"	3	C	"	7
"	4	F	"	3
TOTAL	8			42
PLEMONS & HEWITT				
Friess	1	C	30-17-31	7
"	4	F	"	7
TOTAL	2			14
SHENANDOAH OIL CORP.				
Dale H.Parke A				
Tr.1	1	A	22-17-30	12
"	2	B	"	10
"	3	D	"	7
"	4	F	"	2
"	5	C	"	8
"	7	O	"	3
Dale H.Parke B				
Tr.B	1	M	15-17-30	2
Tr.C	4	H	"	1
Dale H Parke C 3Y	P		"	3
Dale H Parke D 1	I		"	4
TOTAL	10			52
SKELLY OIL CO.				
Lea C	1	C	11-17-31	7
"	2	B	"	5
"	3	D	"	5
"	4	J	"	6
"	5	O	"	8
"	6	G	"	2
TOTAL	6			33
(Lea "D" Flood)				
6 Allowable Units				
Lea D	2	A	26-17-31	28
"	4	G	"	7
"	5	I	"	7
"	1	B	"	Inject
"	3	H	"	"
"	6	J	"	"
TOTAL	3			42
(Skelly Unit Flood)				
86 Allowable Units				
Skelly Unit	3	D	22-17-31	102
"	11	I	21-17-21	21
"	17	B	15-17-31	20
"	18	D	"	8
"	20	G	"	56
"	23	K	14-17-31	15
"	25	I	15-17-31	7
"	27	K	"	39
"	28	L	"	16
"	29	M	"	7
"	31	O	"	51
"	33	M	14-17-31	34
"	35	O	"	17
"	36	P	"	6
"	37	A	23-17-31	6
"	39	C	"	3
"	41	A	22-17-31	27
"	43	C	"	13
"	45	G	"	30
"	47	E	23-17-31	28
"	49	G	"	12
"	50	H	"	10
"	51	I	22-17-31	48
"	53	K	"	12

SKELLY OIL COMPANY CONTINUED

Skelly Ut.	55	M	22-17-31	11
"	57	O	"	12
"	59	A	21-17-31	7
"	60	B	"	11
"	61	C	"	12
"	62	D	"	11
"	63	E	"	12
"	65	G	"	14
"	68	K	"	36
"	70	I	23-17-30	10
"	72	K	"	73
"	74	M	21-17-31	8
"	76	O	"	24
"	78	M	23-17-31	57
"	80	O	"	30
"	82	C	26-17-31	46
"	84	A	27-17-31	10
"	86	C	"	12
"	87	D	"	22
"	88	A	28-17-31	35
"	90	C	"	30
"	92	E	"	98
"	94	G	"	19
"	97	G	27-17-31	8
"	99	K	28-17-31	SI
"	101	E	22-17-31	6
"	102	B	14-17-31	2
"	103	C	"	4
"	104	E	"	7
"	106	C	15-17-31	60
"	107	F	27-17-31	57
"	108	A	15-17-31	24
"	19	F	"	Inject
"	21	H	"	"
"	22	J	14-17-31	"
"	24	L	"	"
"	26	J	15-17-31	"
"	30	N	"	"
"	32	P	"	"
"	34	N	14-17-31	"
"	38	B	23-17-31	"
"	40	D	"	"
"	42	B	22-17-31	"
"	44	F	"	"
"	46	H	"	"
"	48	F	23-17-31	"
"	52	J	22-17-31	"
"	54	L	"	"
"	56	N	"	"
"	58	P	"	"
"	64	F	21-17-31	"
"	66	H	"	"
"	67	J	"	"
"	69	L	"	"
"	71	J	23-17-31	"
"	73	L	"	"
"	75	N	21-17-31	"
"	77	P	"	"
"	79	N	23-17-31	"
"	81	P	"	"
"	83	D	26-17-31	"
"	85	B	27-17-31	"
"	89	B	28-17-31	"
"	91	D	"	"
"	93	F	28-17-31	Inject
"	95	H	"	"
"	96	F	27-17-31	"
"	98	J	28-17-31	"
"	100	L	"	"
"	105	F	14-17-31	"
TOTAL	55			1356
OPR. TOTAL	64			1431

SUN OIL CO.

M.Dodd A	14	N	22-17-29	TA drop
Fost.Eddy	2	J	17-17-31	4

(Foster Flood)
2.33 Allowable Units

V.L.Foster	1	G	17-17-31	15
"	3	H	"	5
"	6	G	"	Inject
TOTAL	2			20

(Foster Eddy Flood)
3 Allowable Units

Fost.Eddy	3	F	17-17-31	26
"	5	B	"	6
"	4	C	"	Inject
TOTAL	2			32

(Keely DX Flood)
9.33 Allowable Units

M.Dodd A	2	I	22-17-29	8
"	3	H	"	8
"	4,7	P	"	13
"	6	J	"	3
"	8	O	"	21
"	12	J	"	1
"	15	H	"	5
"	9	G	"	Inject
"	10Y	A	"	"
"	11	I	"	"
TOTAL	8			59

(Metex DX Flood)
43 Allowable Units

Boyd Dodd B	2	I	11-17-29	40
"	3	O	"	115
Cont'l.St.	1	N	15-17-29	4
Cont'l.U St.	1	C	"	6
"	2	D	"	1
M.Dodd A	16	I	15-17-29	12
"	17	O	"	4
"	18	M	14-17-29	6
M.Dodd B	1	A	"	13
"	6	C	"	28
"	11	A	15-17-29	12
"	12	F	10-17-29	5
"	13	K	"	20
"	14	N	"	15
"	15	O	"	45
"	17	E	14-17-29	19
"	18	K	"	7
"	19	M	11-17-29	55
"	23	K	"	205
"	24	G	14-17-29	14
"	25	G	15-17-29	10
"	26	I	10-17-29	60

SUN OIL CO. CONTINUED

M.Dodd B	29	G 10-17-29	7
"	31	E 11-17-29	21
B.Dodd B	4	J "	Inject
"	5	P "	"
Cont'l.U St.	3	F 15-17-29	"
M.Dodd A	13	P "	"
"	19	J "	"
"	20	L 14-17-29	"
M.Dodd B	2	H "	"
"	4	B "	"
"	7	F "	"
"	8	D "	"
"	9	H 15-17-29	"
"	16	B "	"
"	20	P 10-17-29	"
"	21	N 11-17-29	"
"	22	J 14-17-29	"
"	27	L 11-17-29	"
"	28	J 10-17-29	"
"	30	H "	"
"	32	F 11-17-29	"
TOTAL	24		724
OPR. TOTAL	37		839

TAMARACK PETR. CORP. INC.

State M	1	C 32-17-31	5

TENNECO OIL CO.

Folk Fed.	2	H 17-17-29	8

G-J West Coop Unit

	27	K 22-17-29	8
"	42	B "	8
"	43	C "	9
"	44	D "	8
"	45	A 21-17-29	8
"	52	P 16-17-29	7
"	53	M 15-17-29	7
"	61	G "	7
State	1	E 30-17-31	5
"	3Y	D "	5

Acreage Factor 0.825

TOTAL	11		80

(G-J West Coop Unit Flood)
40.66 Allowable Units

G-J West Coop Unit

	2	N 28-17-29	2
"	4	P "	8
"	6	L 27-17-29	1
"	8	J 28-17-29	6
"	10	L "	6
"	12	D "	6
"	14	F "	6
"	16	H "	1
"	17	A "	6
"	18	B "	6
"	22	N 21-17-29	6
"	23	O "	6
"	24,30	P "	11
"	25,26	M 22-17-29	12
"	28	L "	7
"	32	J 21-17-29	7
"	34	L "	SI
"	35	E "	7

TENNECO OIL CO. CONTINUED

G-J West Coop Unit

	36	F 21-17-29	7
"	37	G "	7
"	38	H "	7
"	39	E 22-17-29	7
"	46	B 21-17-29	7
"	48	D "	6
"	49	M 16-17-29	SI
"	51	O "	7
"	57	K "	9
"	59	E "	9
"	1	M 28-17-29	SI
"	3	O "	SI
"	5	M 27-17-29	SI
"	7	I 28-17-29	SI
"	9	K "	SI
"	11	E "	SI
"	15	G "	SI
"	19	C "	SI
"	29	I 21-17-29	SI
"	33	K "	Inject
"	47	C "	SI
"	58	L 16-17-29	SI
TOTAL	28		170
OPR. TOTAL	39		250

TEXAS AMERICAN OIL CORP.

Etz St.	1	N 16-17-30	4
"	3	K "	2
Etz J St.	1	O "	6
*Etz J St.	15	J "	23
TOTAL	4		35

*Not in flood

(Queen Sand Flood)
10.33 Allowable Units

Etz St.	5	I 16-17-30	9
"	11	K "	5
Etz B St.	6,14	G "	14
Etz C St.	7	F "	5
McIntyre F	1	I 17-17-30	1
Etz A St.	2	L 16-17-30	Inject
Etz C St.	8,9	E "	"
"	10,12	F "	"
Etz J St.	2	J "	"
McIntyre D	7	H 17-17-30	"
TOTAL	6		34
OPR. TOTAL	10		69

WINDFOHR OIL CO.

Gissler B	11	J 23-17-30	62
"	12	I "	69
"Tr.5	4	B 8-17-30	TA
*G-J SA Ut.	38	A 12-17-30	5
TOTAL	3		136

*Allowable for this zone plus allowable for Jack.B #38, Sq.Lake Pool to be no more than one top allowable.

PC 343

(Grayburg Jackson (SA) Unit Flood)
40.33 Allowable Units

G.J.SA Unit	2	G 24-17-30	4
"	3	A "	1

WINDFORH OIL CO. CONTINUED

G.J.SA Unit	5 C 24-17-30	210
"	7 A 23-17-30	12
"	10 O 14-17-30	5
"	12 M 13-17-30	240
"	14 O "	120
"	16 I "	10
"	18 K "	TA
"	20 I 14-17-30	4
"	22 L "	10
"	23 G "	1
"	25 E 13-17-30	2
"	27 G "	15
"	29 B "	20
"	30 A "	2
"	31 C "	1
"	34 O "	25
"	36 I "	12
"	39 K 14-17-30	5
"	41 K 13-17-30	152
"	1 H 24-17-30	Inject
"	4 B "	"
"	6 D "	"
"	8 B 23-17-30	"
"	9 N 14-17-30	"
"	11 P "	"
"	13 N 13-17-30	"
"	15 P "	"
"	17 J "	"
"	19 L "	"
"	21 J 14-17-30	"
"	24 H "	"
"	26 F 13-17-30	"
"	28 H "	"
"	32 D "	"
"	33 N 12-17-30	"
"	35 P "	"
"	37 J "	"
"	40 F 24-17-30	"
TOTAL	20	851

(G-J WBA Flood)
10 Allowable Units

Jack.B Tr.2	7 C 25-17-30	11
"	8 E "	16
"	10 G "	1
"	25 P 24-17-30	3
"	27 M "	12
"	28 O "	21
"	6 D 25-17-30	Inject
"	9 F "	"
"	11 B "	"
"	26 N 24-17-30	"
TOTAL	6	64
OPR. TOTAL	29	1051

S. P. YATES

Leonard	1 D 34-17-29	7
"	2 E "	5
Robinson	1 F "	8
TOTAL	3	20
POOL TOTAL	567	9415

HACKBERRY YATES SR, NORTH

BARBER OIL INC.

Lebow Fed.	4,9 H 25-19-30	18
"	6 I "	12
"	7 G "	12
"	8 J "	2
"	10 P "	5
TOTAL	6	49

D. M. BASSETT DRLG. CO.

Tidewater FE	1 O 19-19-31	4
"	3 L "	4
TOTAL	2	8

MACK CHASE, INC.

Machris St.	1 A 32-19-31	4

DAVID C. COLLIER

So. Fed.	1 A 30-19-31	1
"	2 G "	1
"	3 I "	2
"	4 K "	1
"	5 C "	1
"	6 E "	1
Acreage Factor 0.975		
"	7 M "	1
Acreage Factor 0.975		
TOTAL	7	8

GULF OIL CORP.
(N.Hackberry Yates Unit Flood)
16 Allowable Units
N.Hackberry Yates Unit

"	102 G 24-19-30	49
"	104 E "	32
"	107 I 23-18-30	113
"	109 K 24-19-30	95
"	111 I "	24
"	112 O "	15
"	114 M "	51
"	116 O 23-19-30	6
"	101 H 24-19-30	Inject
"	103 F "	"
"	105 H 23-19-30	"
"	106 J "	"
"	108 L 24-19-30	"
"	110 J "	"
"	113 N "	"
"	115 P 23-19-30	"
TOTAL	8	385

HANSON OIL CORP.

English Fed.	1 P 20-19-31	2
Eng.B Fed.	2 F 17-19-31	SI
So.Union	1 L 30-19-31	7
Acreage Factor 0.750		
"	2Y H "	5
Sun Fed.	1 F 20-19-31	2
"	3 J "	2
TOTAL	5	18

MARK PROD. CO.

Sun Fed.	1 N 20-19-31	6

A. F. ROBERTS, JR.

Tidewater St.	2 J 36-19-30	2

SOUTHWESTERN INC.
CEM Fed. 1 B 29-19-31 4
" 2 A " 4

TOTAL 2 8

TEXAS CRUDE OIL CO.
Tenn.Fed. 2 M 21-19-31 6

J. J. TRAVIS
Tenneco Fed. 1 D 28-19-31 5

MARTIN YATES, III
H.E.Ya.A Fed.1 C 29-19-31 2

POOL TOTAL 36 501

HENSHAW GRAYBURG, WEST

GENERAL AMERICAN OIL CO. OF TEXAS
(Henshaw Sivley Flood)
4 Allowable Units
Sivley 1 N 8-16-30 5
" 5 B 17-16-30 SI
" 2 M 8-16-31 Inject
" 7 G 17-16-30 "

KENNEDY OIL CO.,INC.
(S.W.Henshaw Premier Unit Flood)
12 Allowable Units
S.W.Henshaw Premier Unit
2 P 7-16-30 1
" 4 O " 7
" 7 C 17-16-30 7
" 8 G 18-16-30 9
" 9 F 17-16-30 9
" 13 O 18-16-30 9
" 1 J 7-16-30 Inject
" 3 O 8-16-30 SI
" 5 B 18-16-30 Inject
" 6 D 17-16-30 "
" 10 J 18-16-30 "
" 11 L 17-16-30 "
" 12 N 18-16-30 "
" 14 P " "
" 15 B 19-16-30 "

TOTAL 6 42

KIMSEY & CAHOON
P.R.Bass Fed.1 F 3-16-30 11

ROY E. KIMSEY, JR.
Rich.Oils Fed.1H 4-16-30 Gas Well

JACK L. MCCLELLAN
Harris Fed. 1 P 5-16-30 SI
Simmons Fed. 1 G 24-16-29 1
" 2 K " 1

TOTAL 2 2

MOBIL OIL CORP.
(W.Henshaw Premier Unit Flood)
45 Allowable Units
W.Henshaw Premier Unit
Tr.1 1 V 4-16-30 36
" 4 T " 106
Tr.2 3 J 3-16-30 92
Tr.3 1 P " 34

MOBIL OIL CORP. CONTINUED
W.Henshaw Premier Unit
Tr.4 2 R 4-16-30 33
" 3 X " 9
Tr.5 2 T 3-16-30 31
" 5 V " 41
" 6 B 10-16-30 6
Tr.6 2 N 3-16-30 81
" 3 L " 108
" 4 R " 20
" 10 X " 24
Tr.7C 1 H " 2
Tr.10 1 X 5-16-30 61
" 4 R " 9
Tr.11 2 O 4-16-30 65
" 3 P " 28
Tr.13 3 K 2-16-30 SI
Tr.14 1 L " SI
Tr.15 1 T " 7
Tr.1 2 S 4-16-30 Inject
" 3 U " "
Tr.2 1 I 3-16-30 "
" 2 K " "
Tr.4 1 W 4-16-30 SI
" 4 Q " Inject
Tr.5 3 U 3-16-30 "
" 4 S " "
" 7 A 10-16-30 "
Tr.6 1 M 3-16-30 "
" 5 W " "
" 6 O " "
" 7 C 10-16-30 "
" 9 Q 3-16-30 SI
Tr.7 1 E " Inject
Tr.8 4 A 8-16-30 "
Tr.9 1 J 4-16-30 "
" 2 I " "
Tr.10 2 Q 5-16-30 "
" 3 W " "
Tr.11 1 M 4-16-30 "
" 4 N " "
Tr.13 1 M 2-16-30 "
" 4 E " "
Tr.15 2 U " SI

TOTAL 19 793

BLAIR STEEL ET AL
Han.Fed. 1 D 12-16-30 2

HAL M. STIERWALT
N.M.BC St. 4 I 2-16-30 10
" 5 P " 1
" 6 O " 10
N.M.BN St. 1 Q " 20

TOTAL 4 41

TENNECO OIL CO.
Hag.Fed. 8 E 7-16-30 Gas Well

POOL TOTAL 33 896

HENSHAW (Q.G.SA)

J. M. WELCH
Etz Fed. 1 P 13-16-30 4
" 2 O " 4
" 3 I " 4

HENSHAW (Q.G.SA) CONTINUED

J. M. WELCH CONTINUED

Federal	1	M	18-16-31	4
Acreage Factor 0.750				
Federal	2	L	"	4
Acreage Factor 0.750				

TOTAL 5 20

HENSHAW WOLFCAMP

Top Allowable 270 GOR 2,000

SHELL OIL CO.

Hen.Deep Unit

(15)	2	O	24-16-30	15**8133
" (6)	3Y	K	"	6**9667
" (76)	5	A	23-16-30	76**2908
" (44)	6	I	"	44 1932
" (110)	8	K	"	110**2755
" (70)	11	E	24-16-30	70**2900
" (35)	13	O	23-16-30	35 1371
" (10)	14	M	24-16-30	10**14000

TOTAL 8 366

HIGH LONESOME QUEEN

DEPCO, INC.

(H.L.Penrose Unit Flood)

7.33 Allowable Units

High Lonesome Penrose Unit

	1	I	15-16-29	SI
"	2	G	"	9
"	7	J	"	6
"	8	H	"	47
"	3	A	"	Inject
"	4	P	"	"
"	5	J	"	"
"	6	B	"	"

TOTAL 3 62

GEN. AMERICAN OIL CO. OF TEXAS

(High Lonesome Flood)

30 Allowable Units

Brewer	1	A	14-16-29	23
"	4	H	"	14
"	6	D	13-16-29	47
"	9	C	"	60
"	11	B	"	6
"	13	E	14-16-29	37
"	16	L	"	SI
"	17	F	"	4
Bosworth	1	I	"	Inject
"	2	J	"	SI
"	3	O	"	SI
"	4	P	"	Inject
Brewer	2	M	12-16-29	"
"	3	B	14-16-29	"
"	5	G	"	"
"	7	E	13-16-29	"
"	8	P	11-16-29	"
"	10	F	13-16-29	"
"	12	L	"	"
"	14	G	"	"
"	15	N	12-16-29	"
"	18	K	14-16-29	"
"	19	O	12-16-29	"
"	20	C	14-16-29	"
"	21	D	"	"
"	23	N	"	"

GEN.AM.OIL CO. OF TEXAS CONTINUED

Brewer	24	K	13-16-29	Inject
"	25	A	"	"
"	26	P	12-16-29	"
"	27	M	14-16-29	"

TOTAL 7 191

BILL JONES OIL CO.

Atkins Fed.	1	H	17-16-29	6
Brainard Fed.	1	O	20-16-29	Gas Well
Isles Fed.	1	P	17-16-29	1
"	2	K	"	4
"	3	C	"	4

TOTAL 4 15

(GWPC-NM #1 Flood)

Atkins St.	2	K	16-16-29	3
Davis Fed.	2	E	15-16-29	SI
"	3	D	"	SI
"	5	F	"	SI
"	6	C	"	SI
Skelly St.	1	E	16-16-29	SI
"	3	F	"	SI
"	6	G	"	10
"	7	H	"	10
"	8	A	"	8
"	9	I	"	8
"	10	L	15-16-29	4
Davis Fed.	11	C	"	SI
"	12	D	"	SI
"	22	E	"	SI
Skelly St.	13	A	16-16-29	SI
"	14	B	"	Inject
"	23	H	"	SI
"	24	G	"	SI
"	25	F	"	SI

TOTAL 6 43

OPR. TOTAL 10 58

POOL TOTAL 20 311

JACKSON ABO

Top Allowable 124 GOR Limit 2,000

ATLANTIC RICHFIELD CO.

Dale H.Parke B Tr.A	5	L	23-17-30	1

CITIES SERVICE OIL CO.

Gissler A	5	F	23-17-30	20

R. D. COLLIER

Sinclair Parke	1	F	22-17-30	16

GENERAL AMERICAN OIL CO. OF TEXAS

Maddren B	11	E	23-17-30	6

PETROLEUM CORP. OF TEXAS

Dexter Fed.	1	J	22-17-30	15

WINDFOHR OIL CO.

Jackson B	22	K	24-17-30	10
"	24	L	"	27

TOTAL 2 37

POOL TOTAL 7 95

LEO (Q.GBR)

FEATHERSTONE FARMS LTD.				
McLean Fed.	1	I	27-18-30	6
R. J. JONES				
Gates	1	N	15-18-30	1
"	2	K	"	2
"	4	L	26-18-30	2
TOTAL	3			5
KERSEY & COMPANY				
Creek	1	C	23-18-30	2
"	2	F	"	2
TOTAL	2			4
ESTATE OF T. B. KNOX				
Lucia Brookes	1	N	14-18-30	2
TEXACO INC.				
L.R.Mann.A Fed.	5	C	21-18-30	1
POOL TOTAL	8			18

LEO QUEEN GRAYBURG, SOUTH

TENNECO OIL CORP.				
Parcell Fed.	1	E	31-18-30	2
Acreage Factor 0.950				
State P	1	H	36-18-29	2
"	2	G	"	1
TOTAL	3			5

LESLIE SPRING SAN ANDRES

SAM G. DUNN OIL OPERATIONS				
Dale Fed.	1	I	26-7-26	SI drop
PAUL SLAYTON				
Dale Fed.	2	J	26-7-25	1
"	3	K	"	1
"	4	H	"	1
"	5	F	"	1
TOTAL	4			4

LINDA SAN ANDRES

LUTTRELL OIL CO.				
England Fed.	1	N	29-6-26	4
"	2	H	30-6-26	4
Ring	1	C	32-6-26	2
TOTAL	3			10
PAUL SLAYTON				
Elliott Fed.	1,2	O	33-6-26	1
"	3,4	J	"	SI
Federal	1	N	"	2
TOTAL	3			3
POOL TOTAL	6			13

LOCO HILLS ABO

Top Allowable 124

FRANKLIN, ASTON & FAIR, INC.				
McIntyre A	4	I	20-17-30	14
TEXAS PACIFIC OIL CO. INC.				
Woolley Fed.	3	K	21-17-30	18
POOL TOTAL	2			32

LOCO HILLS (G.SA)

ANADARKO PROD. CO.				
Alscott Fed.	1	K	19-18-29	2
"	2	N	"	2
"	3	B	30-18-29	2
"	4	C	"	2
"	5	M	19-18-29	2
Ballard	1	L	8-18-29	5
"	3	C	"	5
"	4	F	"	5
"	5	E	"	5
Ballard B	2,5	N	"	19
"	3	M	"	6
"	4	K	"	10
Federal II	3	O	"	5
"	4,8	J	"	9
"	5	G	"	5
"	6,12	B	"	11
"	7	I	"	4
"	9	H	"	7
"	10	A	"	4
Federal T	1	P	29-17-30	1
Garrett	1	D	30-18-29	1
Acreage Factor 0.800				
J.L.Langford	2	F	9-18-29	1
"	4	D	"	16
McCaw Fed.	1	C	19-18-29	2
Travis	1	P	6-18-29	SI
"	2	I	"	4
"	4	C	17-18-29	2
"	7	O	6-18-29	4
"	8	A	19-18-29	4
"	13	I	"	5
"	14	J	"	2
"	15	H	"	2
"	16	G	"	2
"	17	N	6-18-29	6
TOTAL	36			162

(Far West Loco Hills Sd.Ut.Flood)

19.66 Allowable Unit

Far West Loco Hills Sand Unit

Tr.1	2	G	4-18-29	50
Tr.3	21	C	16-18-29	1
Tr.6	19	A	16-18-29	10
Tr.7	26	H	"	1
Tr.8	4	J	4-18-29	6
"	6	O	"	42
"	8	N	"	17
Tr.9	10,11	C	9-18-29	4
"	14	F	"	38
Tr.11	17	M	"	3
"	30	N	"	2
Tr.1	29	H	4-18-29	Inject
Tr.2	28	B	16-18-29	"
Tr.4	24	F	"	"
Tr.5	22	D	"	"
Tr.8	27	O	4-18-29	"
"	31	K	"	SI
Tr.9	12	E	9-18-29	Inject
Tr.10	15	K	"	"
"	16	L	"	SI
TOTAL	12			174

ANADARKO PROD. CO. CONTINUED
(Fed.L.M.Buffer Zone Flood)

Federal L	2,3	E	31-17-30	14
"	4	F	"	16
Federal M	2,4,5	J	"	18
"	3	O	"	18
Federal L	1,5	F	"	SI
"	6	E	"	Inject
Federal M	1	O	"	SI
"	6	J	"	SI
TOTAL	7			66
OPR. TOTAL	55			402

BASSETT-BIRNEY OIL CORP.

Dunn Fed.	1	I	7-18-29	2
State	10	B	14-18-29	6
TOTAL	2			8

DAVID C. COLLIER

State CA	1	D	32-17-30	7

DENTON OIL CO.

Massie	1	B	20-18-29	2

DEPCO, INC.

Dunn C	1	A	7-18-29	4
"	3	B	"	6
Banner Miller	3	C	5-18-29	6
"	4	B	"	9
Bay Miller	1	E	"	4
"	2	D	"	SI
Shuler	1	L	"	3
"	2	N	"	5
Travis	1	A	18-18-29	2
Wright Fed. Tr.2	3	L	20-18-29	8
"	4	K	"	2
"	6	E	"	2
TOTAL	11			51

DIXON & YATES

Boulter	1	C	14-18-29	5

FRANKLIN, ASTON & FAIR, INC.

Ballard NH Fed.	1	B	1-18-29	11
Coppedge C Fed.	1	H	5-18-30	8
Mast.B	1	A	17-18-30	5
Nelson	3	F	4-18-30	4
State A	1	O	36-17-29	4
TOTAL	5			32

GENERAL AMERICAN OIL CO. OF TEXAS

Beeson F	8	O	29-17-30	4
"	12	N	31-17-30	2
"	15	G	"	5
Green B	2	L	31-17-29	3
TOTAL	4			14

KERSEY & CO.

Perry Leon	1	M	33-17-28	8
"	2	N	"	8
TOTAL	2			16

NEWMONT OIL CO.
(Loco Hills Flood)

Ballard A	2,4	J	1-18-29	19
"	3	H	"	7

NEWMONT OIL CO. CONTINUED

Ballard A	5	I	1-18-29	10
Ballard B	2	G	"	15
Brigham	3	P	31-17-30	SI
Coppedge	3	C	5-18-30	1
Scheur.	3	L	32-17-30	17
" A	5,7	E	"	15
Scheur.B	6	F	"	SI
State BX	5	M	32-17-30	SI
Tallmadge	3	B	"	9
Yates	2	E	6-18-30	SI
"	4	K	"	17
"	6	E	"	SI
Yates A	1	D	"	8
"	3	B	"	SI
"	4	A	"	13
"	5	M	"	TA
"	6	G	"	17
"	8	C	"	SI
"	15	M	"	7
Ballard B	3	A	1-18-29	Inject
"	6	G	"	SI
"	7	G	"	Inject
Brigham	1	P	31-17-30	"
"	2,4	I	"	"
Coppedge	2	D	5-18-30	SI
Scheur.	4	K	32-17-30	SI
"	9	L	"	Inject
Scheur.A	1	E	"	SI
Scheur.B	8	F	"	SI
Tallmadge	2	G	"	SI
"	4	N	"	SI
Yates	3	F	6-18-30	Inject
"	5	L	"	"
Yates A	2	C	"	"
"	7	N	"	SI
"	9	D	"	Inject
"	11	B	"	"
"	12	A	"	SI
"	13	J	"	SI
"	14	H	"	Inject
TOTAL	15			155

(Buffer Zone WLHG4S Unit Flood)
West Loco Hills G4S Unit

Tr.#1	1	D	7-18-30	47
"	2	E	"	10
"	6	F	"	1
Tr.#3	3,4	C	12-18-29	13
Tr.#13	4	H	"	102
"	7	A	"	21
Tr.#14	2	P	1-18-29	37
Tr.#15	3	C	"	1
Tr.#16	1	D	"	1
Tr.#23	1	N	36-17-29	25
Tr.#25	1,2	K	1-18-29	5
Tr.#26	1	N	"	31
Tr.#40	1,2	M	"	35
Tr.#1	7	C	7-18-30	Inject
"	8	E	"	"
Tr.#3	2	D	12-18-29	"
Tr.#13	1	A	"	"
"	2	B	"	"
"	5	G	"	"
Tr.#14	1	O	1-18-29	"
Tr.#15	1	F	"	"

LOCO HILLS (G.SA) CONTINUED

NEWMONT OIL CO. CONTINUED
West Loco Hills G4S Unit

Tr.#15	2	C	1-18-29	Inject
Tr.#16	2	E	"	"
Tr.#24	2	M	36-17-29	"
Tr.#26	2	N	1-18-29	"
Tr.#27	1,2	L	"	"
TOTAL	16			329

(Project Area WLHG4S Unit Flood)
98.66 Allowable Units
West Loco Hills G4S Unit

Tr.1	3	L	7-18-30	18
Tr.2A	2	O	"	98
Tr.5	1,3	C	10-18-29	80
Tr.6	2	J	12-18-29	41
"	4	P	"	22
Tr.8A	1,3	E	10-18-29	190
"	2	L	"	SI
Tr.8B	3	C	15-18-29	60
Tr.9	2	O	3-18-29	77
Tr.10A	1	M	"	161
"	3	K	"	33
"	4,7	L	"	88
Tr.10B	2	I	"	14
"	3,7	J	"	19
"	5	G	"	18
Tr.11	3	E	11-18-29	52
"	4	F	"	1
"	7	K	"	1
"	9	M	"	13
Tr.12	1,4	J	9-18-29	500
"	3	P	"	220
Tr.13	6	F	12-18-29	1
"	8,10	L	"	17
Tr.17	2,9	G	10-18-29	24
"	4	O	"	93
"	7,10	I	"	12
"	8	A	"	12
Tr.18	1	M	"	90
Tr.19Z	1	O	9-18-29	350
Tr.19B	1	A	"	48
"	2	B	"	160
"	5	H	"	400
Tr.19C	1	A	15-18-29	1
Tr.21A	2	D	18-18-30	18
"	3	C	"	14
Tr.28	3	K	19-18-29	160
Tr.29	1	N	2-18-29	1
Tr.30	1	O	11-18-29	3
Tr.31	3	M	2-18-29	6
Tr.32A	7	I	11-18-29	32
Tr.34	4	E	2-18-29	10
Tr.35	1	G	11-18-29	21
Tr.36	2	F	2-18-29	29
Tr.37	1	B	11-18-29	57
"	3	A	"	1
Tr.38	2	H	2-18-29	70
"	4	B	"	7
Tr.39	3	J	"	41
"	5	P	"	17
Tr.43	1	P	4-18-29	310
Tr.1	4	M	7-18-30	Inject
"	5	K	"	"
Tr.2A	4	P	"	"
"	5	J	"	"

NEWMONT OIL CO. CONTINUED
West Loco Hills G4S Unit

Tr.2B	3	B	18-18-30	Inject
Tr.4	1	K	12-18-29	"
"	2	N	"	"
Tr.5	2	F	10-18-29	"
Tr.6	1	I	12-18-29	"
"	3	O	"	"
Tr.7	1	A	13-17-29	"
Tr.8B	4,6	D	15-18-29	"
Tr.8D	5	B	"	"
Tr.9	1	P	3-18-29	"
Tr.10A	2	N	"	"
"	5	E	"	SI
"	6	F	"	Inject
Tr.10B	1	J	"	"
"	6	A	"	"
Tr.11	1	C	11-18-29	"
"	2	D	"	"
"	8	L	"	"
"	10	N	"	"
"	11	F	"	"
Tr.12	2	I	9-18-29	"
Tr.13	9	E	12-18-29	"
Tr.17	1	B	10-18-29	"
"	3	J	"	"
"	5	H	"	"
"	6	P	"	"
"	11	O	"	"
Tr.19B	4	G	9-18-29	"
"	6	B	"	SI
Tr.20	1	D	10-18-29	Inject
Tr.21B	5	F	18-18-30	"
"	6	E	"	"
Tr.22	1	N	7-18-30	"
Tr.29	2	K	2-18-29	"
Tr.30	2	P	11-18-29	"
Tr.32A	6	J	"	"
Tr.33	1	C	2-18-29	"
Tr.35	2	H	11-18-29	"
Tr.37	2	A	"	"
Tr.38	1	G	2-18-29	"
"	3	A	"	"
Tr.39	1	O	"	"
"	4	I	"	"
Tr.41	1	L	"	"
Tr.42	1	N	10-18-29	"
Tr.43	3	I	4-18-29	"
TOTAL	57			3711
OPR. TOTAL	88			4195

TEXAS AMERICAN OIL CORP.

Ballard B	2	D	8-18-29	3
Miller Fed.	1	G	5-18-29	5
"	2	F	"	1
Yates	1	M	"	5
"	2	I	"	1
"	3	J	"	1
TOTAL	6			16

J. CLEO THOMPSON

Miller	1	H	5-18-29	6
" A	1	H	6-18-29	4
"	2	A	"	1
" B	3	B	"	1

LOCO HILLS (G.SA) CONTINUED

J. CLEO THOMPSON CONTINUED

Murdock	1	L	4-18-29	1
Travis Fed.	2	G	17-18-29	1
R.Travis,Jr.	1	A	"	1
TOTAL	7			15

JOHN H. TRIGG

Siv.Alscott Fed.	3	D	29-18-29	5
"	4	C	"	2
TOTAL	2			7

MARTIN YATES, III

Robinson	1	M	35-17-29	13

S. P. YATES & MARTIN YATES, III

Alscott Fed.	1	A	30-18-29	2
HEY 70 Fed.	1	M	20-18-29	7
Travis	1	P	19-18-29	6
"	2	O	"	6
West.Fed.	1	N	20-18-29	5
TOTAL	5			26
POOL TOTAL	191			4809

LOCO HILLS SAN ANDRES, SOUTH

HARVEY E. YATES

Yates St.	1	G	32-18-30	6

LOCO HILLS-QUEEN

NEWMONT OIL CO.

Brigham	5	I	31-17-30	12
Scheur.A	1	E	32-17-30	7
TOTAL	2			19

LOGAN DRAW (SA)

DAVID C. COLLIER

Gulf Kepple	1	J	19-17-27	4
"	2	G	"	4
TOTAL	2			8

LUSK STRAWN

Top Allowable 607 GOR Limit 4,000
160 Acre Proration Units

PERRY R. BASS

Big Eddy Unit

(22)	4	O	27-19-31	14	3000

EL PASO PRODUCTS CO.

Lusk Deep Unit

(20)	8	I	24-19-31	16**	21500

GULF OIL CORP.

Gen.Energy Corp.Fed. (3)	1	N	11-19-31	3**	114333
Holder CT Fed. (2)	1	F	"	2**	157500
TOTAL	2				5

PHILLIPS PET. CO.

Simon A(33)	1	O	13-19-31	33**	26545
" (32)	2	P	14-19-31	32**	26719
TOTAL	2				65

TENNECO OIL CO.

Dunc.Fed.(8)	1	A	27-19-31	8**	28500
Jones Fed.(1)	1	K	23-19-31	1**	20000
" (4)	2	G	25-19-31	4**	18000
" (3)	3	A	26-19-31	3**	21000
Jones B Fed.(44)	1	I	25-19-31	44**	7100
" (48)	2	C	"	48**	7000
" (39)	3	P	23-19-31	39**	7050
Jones C Fed. (5)	1	K	24-19-31	5**	8200
Jones D Fed.(6)	1	E	"	6**	28650
Jones E Fed.(2)	1	H	23-19-31	2**	5000
TOTAL	10				160

WESTERN STATES PROD. CO.

Dozier Fed.Com. (12)	1	K	14-19-31	12**	17200
Tenneco Fed. (20)	1	P	28-19-31	20**	5450
TOTAL	2				32
POOL TOTAL	18				292

LUSK (Y)

AMCO PROD. CO.

Ohio Jones	1	H	24-19-31	SI
"	2	G	"	5
"	6	B	"	4
TOTAL	2			9

LUSK, WEST (Y)

DON ANGLE

Angle Fed.	1	C	23-19-31	SI
Jones Fed.	2	F	"	3
"	3	E	"	3
TOTAL	2			6

AMCO PROD. CO.

Bart.A Fed.	1	C	22-19-31	10
POOL TOTAL	3			16

MALAGA (D)

MORRIS R. ANTWEIL

Malaga Unit

Tr.2	1	J	7-24-29	1
"	2	G	"	1
Reid Fed.	1	B	"	6
TOTAL	3			8

(Malaga Unit Flood)

17 Allowable Units

Tr.4	2	G	13-24-28	1
Tr.6	1	O	"	10
Tr.8	1	I	"	1
Tr.9	1	A	"	2
Tr.10	1	O	12-24-28	1
Tr.11	2	E	18-24-29	1
Tr.12	1	F	7-24-29	6
"	2	M	"	3
Tr.13	3	K	"	3
Tr.4	1	B	13-24-29	Inject
Tr.5	1	J	"	SI
Tr.7	1	P	"	Inject
Tr.9	2	H	"	"
Tr.10	2	P	"	"

MALAGA (D) CONTINUED

MORRIS R. ANTWEIL CONTINUED

Tr.11	1	D	18-24-29	SI
"	3	L	"	SI
Tr.13	2	L	7-24-29	Inject
TOTAL	9			28
OPR. TOTAL	12			36

V. H. WESTBROOK

Guy A.Reed	1	E	24-24-28	13
POOL TOTAL	13			49

MALJAMAR (G.SA) EDDY

GOR Limit 3,000

WM. A. & EDW. R. HUDSON

(Puckett #1 Flood)

40.33 Allowable Units

Puckett A	2	B	24-17-31	31
"	3	C	"	15
"	4	A	"	12
"	5	G	"	15
"	6	H	"	9
"	7	J	"	10
"	8	L	"	25
"	9	F	"	15
"	10	E	"	18
"	11	I	"	16
"	12	K	"	20
"	13	D	"	12
"	14	M	13-17-31	10
"	15	O	"	9
"	16	H	24-17-31	13
"	17	N	13-17-31	6
"	18	P	"	6
Puckett B	1	M	24-17-31	4
"	3	O	"	15
"	4	I	25-17-31	11
"	5	N	24-17-31	7
"	6	A	25-17-31	69
"	8	C	"	18
"	10	G	"	2
"	13	O	"	71
"	15	E	"	18
"	17,19	K	"	12
Puckett A	19	G	24-17-31	Inject
"	20	F	"	"
"	21	B	"	"
"	22	I	"	"
"	23	J	"	"
"	24	A	"	"
"	25	O	13-17-31	"
"	26	D	24-17-31	"
"	27	K	"	"
"	28	C	"	"
"	29	H	"	"
Puckett B	2	P	"	"
"	7	B	25-17-31	"
"	9	H	"	"
"	11	P	"	"
"	12	J	"	"
"	14	D	"	"
"	16	F	"	"
"	18	L	"	"
"	20	N	"	"
"	21	O	24-17-31	"
"	22	P	"	"
"	23	M	"	"
TOTAL	28			464

J. PETE THOMPSON

Maljamar St.	1	B	36-17-31	70
"	2	A	"	13
TOTAL	2			83
POOL TOTAL	30			547

NORTH MASON DELAWARE

Top Allowable 71 GOR Limit 2,000

AMERICAN PETROFINA CO. OF TEXAS

White Fed.(4)	2	N	26-26-31	4	TSTM

CONTINENTAL OIL CO.

Rus.35 Fed.(3)	1	H	35-26-31	3	2000

Acreage Factor 1.275

" (10)	2	A	"	10	2000
" (7)	4	C	"	7	1571
" (4)	5	F	"	4	2000

Acreage Factor 1.275

TOTAL	4			24	

HANSON OIL CORP.

Hanson Fed.(5)	1	M	25-26-31	5**	7520
" (21)	3	L	"	21**	3081
" (5)	4	E	"	5**	3140
" (3)	5	N	"	3**	2020
" (14)	6	K	"	14	TSTM
" (29)	9	G	"	29**	2228
" (12)	10	F	"	12**	5725
" (12)	12	A	"	12**	4342
" (15)	13	D	"	15	1560
" (12)	14	H	"	12	375
TOTAL	10			128	

HIRAM W. KEITH & DALTON HAINES

Eddy AG A St. (5)	1	D	36-26-31	5	800
" (6)	3	E	"	6**	2166

Acreage Factor 1.275

TOTAL	2			11

TEXACO INC.

E.D.White Fed.NCT-1 (3)	1	P	26-26-31	3	1000
" (2)	2	I	"	2	1000
R.T.Wil.Fed.(13)	1	I	24-26-31	13	461
" (8)	2	P	"	8	625
" (5)	3	H	"	5	1000
" (8)	4	O	"	8	875
" (2)	5	J	"	2	1500
TOTAL	7			41	
POOL TOTAL	24			208	

MCMILLAN SEVEN RIVERS, WEST

YATES DRLG. CO. Galvin	7	N	12-20-26	1

MCMILLAN (SR.Q)

HARVEY E. YATES Wright Yates	2	C	7-20-27	1
Yates Fed.	3	N	6-20-27	1
TOTAL	2			2

MCMILLAN (SR.Q) CONTINUED

HARVEY E. YATES CONTINUED

(Page & Yates Flood)

7.33 Allowable Units

Page & Yates	1	A	7-20-27	2
"	2	P	6-20-27	3
"	3	I	"	3
"	4	D	8-20-27	1
"	5	L	5-20-27	SI
"	6	P	6-20-27	Inject
"	7	J	"	SI
"	8	M	5-20-27	Inject
TOTAL	4			9

(Lillie Yates Flood)

2.66 Allowable Units

Lillie Yates	1	B	7-20-27	2
" 1Y,4		O	6-20-27	4
"	2	B	7-20-27	Inject
TOTAL	3			6
OPR. TOTAL	9			17
POOL TOTAL	9			17

MCMILLAN (SR.Q) EAST

JOHN H. TRIGG

Fed.TY	1	A	3-20-27	5

MCMILLAN (SR.Q) WEST

YATES DRLG. CO.

(Anderson Press.Maintenance Project)

4.33 Allowable Units

Anderson 1,6		J	11-20-26	3
"	2	I	"	Inject
"	3	O	"	"
"	4	P	"	"
TOTAL	2			3

S. P. YATES

Riggs E	2	H	12-20-26	1
POOL TOTAL	3			4

MESQUITE STRAWN

Top Allowable 397

PENNZOIL UNITED, INC.

Federal A	1	D	3-18-31	6

MILLMAN (G)

FEATHERSTONE FARMS, LTD.

State	4	N	18-19-28	2

JONES OIL CO.

Feath.St.	3	J	18-19-28	7
State	1	L	17-19-28	2
State E-648	2	H	18-19-28	4
TOTAL	3			13

GLEN PLEMONS DRLG. CO. INC.

State	1	I	18-19-28	3
"	2	P	"	SI
POOL TOTAL	5			18

MILLMAN (Q.G) EAST

GOR Limit 2,000

DEPCO, INC.

St.648(1)	155	N	11-19-28	1 TSTM

DEPCO, INC. CONTINUED

(East Millman Flood)

33 Allowable Units

Malco St.	5	D	23-19-29	SI
"Tr.1	6	B	"	SI
State 648	144	L	14-19-28	22
"	146	F	"	77
"	148	A	"	15
"	149	B	"	5
"	150	P	15-19-28	15
"	153	C	14-19-28	5
"	154	B	22-19-28	5
"	157	H	15-19-28	14
"	159	D	14-19-28	8
"	161	I	"	SI
"	162	H	22-19-28	19
"	163	N	15-19-28	SI
"	165	J	"	8
"	178	P	14-19-28	SI
"	181	J	"	19
"	183	N	"	5
"	185	H	"	18
"	189	M	11-19-28	17
Malco St.	2	C	23-19-28	Inject
"	3	E	"	"
State 648	143	K	14-19-28	"
"	145	M	"	"
"	147	E	"	"
"	151	I	15-19-28	"
"	152	A	22-19-28	SI
"	156	O	15-19-28	SI
"	158	G	22-19-28	SI
"	182	O	14-19-28	SI
"	184	G	"	Inject
"	190	G	15-19-28	SI
St.E-5003	1	A	"	Inject
TOTAL	15			252
OPR. TOTAL	16			253

GULF OIL CORP.

Eddy AN St.(15)	1	F	13-19-28	15**3333
" (50)	2	E	"	34**2100
" (3)	3	K	"	2**18333
" (2)	4	L	"	1 1000

Eddy BN St.NCT-A

(3)	1	P	11-19-28	3 2000
" (2)	2	O	"	2**6000
" (5)	3	I	"	4**6200
" (8)	4	J	"	4**3875
TOTAL	8			65

HANSON OIL CORP.

Welch Fed.(10)	1	C	22-19-28	10 TSTM

KERSEY & CO.

Bass(10)	1	I	12-19-28	5 640
" (6)	2	H	"	2 680
TOTAL	2			7

RALPH LOWE

St.OG-272(5)	1	N	12-19-28	5**2980
" (15)	2	M	"	12 1393
" (3)	3	K	"	3**4300
" (2)	4	L	"	2**5000
TOTAL	4			22

MILLMAN (Q,G) EAST CONTINUED

RALPH NIX				
Seltzer St.(2)	1	E 12-19-28	2	TSTM
RALPH NIX & JERRY CURTIS				
R&B St.(4)	1	J 12-19-28	4	950
SUN OIL CO.				
N.M.O St.(39)	1	C 13-19-28	19	1636
" (11)	2	D "	11	**8192
" (43)	3	O 12-19-28	30	1742
" (6)	4	M 13-19-28	6	**9956
" (5)	5	P 12-19-28	5	**10732
" (4)	6	N 13-19-28	4	**13668
TOTAL	6		75	
W. C. WELCH				
Feath.Fed.(5)	1	D 22-19-28	5	350
JOHN A. YATES				
Ell.Par(6)	1	G 13-19-28	6	1833
" (12)	2	B "	9	1667
" (6)	3	H "	6	2000
" (8)	4,5	A "	7	1625
TOTAL	5		28	
POOL TOTAL	45		471	

MILLMAN SEVEN RIVERS, EAST

FEATHERSTONE FARMS, LTD.				
Fryman St.	1	F 21-19-28	2	
MARK PROD. CO.				
Angell St.	1	P 21-19-28	5	
"	2	I "	2	
"	3	J "	2	
TOTAL	3		9	
W. C. WELCH				
Feath.Welch	1	E 22-19-28	6	
JOHN A. YATES				
Helen	1	A 29-19-28	7	
Lowe St.	1	O 21-19-28	1	
TOTAL	2		8	
(Caroline Millman Flood)				
4 Allowable Units				
Caroline	1,6	C 28-19-28	1	
"	2	E "	1	
"	3,5	D "	1	
"	4	E "	Inject	
TOTAL	5		3	
(Mary Lou Millman Flood)				
2.66 Allowable Units				
Mary Lou	2,5	G 29-19-28	2	
"	4	H "	2	
"	1	H "	Inject	
TOTAL	3		4	
OPR. TOTAL	10		15	
POOL TOTAL	15		26	

PALMILLO SEVEN RIVERS

JOHN A. YATES				
Camp.Gwalt.	1	D 18-19-29	6	
Acreage Factor 0.825				

PARALLEL DELAWARE

Top Allowable 164

PERRY R. BASS				
C.H.Cobb Fed.	1	M 23-20-31	11	
J.Rodke Fed.	1	G 27-20-31	28	
TOTAL	2		39	

PARKWAY STRAWN

Top Allowable 537 GOR Limit 2000*

THE PETROLEUM CORP.				
Petco St.Com.				
(54)	1	P 26-19-29	25	**11463

*3000 After casinghead connection

PCA (YATES)

BARBER OIL INC.				
Keyes	1,7	F 15-20-30	8	
"	2	G "	8	
"	3	J "	8	
"	5	E "	7	
TOTAL	5		31	

PECOS DELAWARE

GEORGE H. MITCHELL				
Littlefield BO Fed.	1	B 34-26-29	6	

PECOS SAN ANDRES

CHARLES A. LEE				
Dale Fed.	1	E 33-7-26	2	
PAUL SLAYTON				
Levers St.	1	F 32-7-26	1	
Sun Fed.	1	P 29-7-26	1	
TOTAL	2		2	
POOL TOTAL	3		4	

PENASCO DRAW SA-YESO

YATES PETR. CORP.				
C.A.Land & Cattle Co.				
	1	E 2-19-25	1	
Fed.AY	1,2	F 25-18-25	52	
Gerard AW	1	O "	11	
Greasewood BD	1	F 5-19-25	2	
Hornbaker BA	1	G 25-18-25	5	
Kincaid BI	1	B "	5	
Lowe BK St.	1	A 36-18-25	3	
Mobil BB	1	O 24-18-25	1	
Nicholas BH	1	I 5-19-25	1	
Nickson BM	1	M 30-18-25	5	
Nix & Curtis BH				
	1	I 25-18-25	9	
"	2	O "	28	
Scheur.Fed.	1	L 3-19-25	1	
Stark BG	1	C 25-18-25	9	
State AU	1	D 36-18-25	2	
State AX	1	H 4-19-25	2	
Thomas	1	H 8-19-25	6	
Wilkinson AZ	1	N 25-18-25	14	
"	2	M "	7	
Yates Fed.	1	E "	6	
Yates AS Fee	1	K "	9	
"	2	L "	13	
TOTAL	23		192	

PENASCO DRAW SA-YESO CONTINUED

MARTIN YATES, III

LDY	1	C	26-18-25	4
POOL TOTAL	24			196

PENASCO WOLFCAMP

Top Allowable 94

YATES PETR. CORP.

Federal AK	1	I	3-19-25	6

POWER GRAYBURG SAN ANDRES

GOR Limit 3,000

THE EASTLAND OIL COMPANY

ARCO Fed.(106)	1	D	5-18-31	64	*3260
Allied Fed.(82)	1	A	6-18-31	46	*4590
" (27)	2	B	"	27	**3510
Allied St.(31)	1	M	32-17-31	31	1920
Kenwood Fed.(86)	1	C	6-18-31	44	*4740
" (72)	3	D	"	60	2860
Acreage Factor .850					
TOTAL	6				272

RACE TRACK-DEVONIAN

Top Allowable 124 GOR 2,000

ROBERT KLABZUBA, E. O. MUNSON, JR. & L. O. SEAMON

White(63)	1	I	13-10-27	63	195

RED HILLS YATES

YATES DRLG. CO.

Lane Fed.	3,4	P	29-19-30	2

RED LAKE Q-G-SA

J. B. ADAMSON

Collier St.	1	L	27-17-28	2
Delhi B	2	M	28-17-28	4
TOTAL	2			6

(Cima-Red Lake Flood)

2.33 Allowable Units

Gulf State	1	B	22-17-28	5
"	2	C	"	7
"	3	C	"	Inject
TOTAL	2			12
OPR. TOTAL	4			18

ATLANTIC RICHFIELD CO.

Hondo Fed.	1	G	4-18-27	11
"	2	A	"	11
Acreage Factor 1.025				
Hondo B Fed.	1	H	"	8
Malco B Fed.	1	J	6-18-27	9
"	2	G	"	8

W.Red Lake Unit

	18	D	8-18-27	Gas Well
"	23	G	"	7
"	26	I	"	15
"	27	M	4-18-27	13
"	28	D	9-18-27	10
"	29	K	4-18-27	6
"	31	C	9-18-27	10
TOTAL	11			108

ATLANTIC RICHFIELD CO. CONTINUED

(W.Red Lake Unit Flood)

16 Allowable Units

W.Red Lake Unit

	1	M	6-18-27	10
"	3	C	7-18-27	8
"	5	K	"	P&A drop
"	6	K	"	6
"	7	B	"	3
"	8	G	"	7
"	9,10	J	"	8
"	12	P	6-18-27	13
"	15	H	7-18-27	7
"	19	E	8-18-27	2
"	2	D	7-18-27	Inject
"	4	F	"	"
"	11	O	"	"
"	13	A	"	"
"	14	H	"	"
"	16	I	"	"
"	17	M	5-18-27	"
TOTAL	10			64
OPR. TOTAL	21			172

BETRICE BEDINGFIELD

Aston & Fair	1Y	F	31-17-28	2
Homan	1	H	36-17-27	1
*State	6	M	"	6
TOTAL	3			9

*On the same unit with Robert H. Birdwell SRLG Unit #27.

ROBERT H. BIRDWELL

(South Red Lake Gbr.Ut.Flood)

31.66 Allowable Units

SRLG Unit

	1	C	36-17-27	27
"	4	B	35-17-27	6
"	5	C	"	1
"	10	G	36-17-27	3
"	12	F	"	5
"	13	E	"	SI
"	14	H	35-17-27	6
"	15	G	"	SI
"	16	F	"	1
"	22	K	36-17-27	SI
"	23	J	"	25
"	24	I	35-17-27	1
"	25	K	"	2
"	26,30	O	"	4
**	27	M	36-17-27	21
"	31,32	N	35-17-27	16
"	34	C	2-18-27	8
"	36	A	"	9
"	38	B	"	28
"	3	A	35-17-27	Inject
"	6	F	"	"
"	7	H	"	"
"	8	E	36-17-27	"
"	9	F	"	"
"	11	G	"	"
"	17	K	35-17-27	"
"	18	J	"	"
"	19	I	"	"
"	20	L	36-17-27	"

ROBERT H. BIRDWELL CONTINUED				
SRLG Unit	21	K	36-17-27	Inject
"	28	N	"	"
"	29,41	P	35-17-27	"
"	33	C	2-18-27	"
"	35	B	"	SI
"	37	D	1-18-27	Inject
"	39	H	2-18-27	"
"	40	G	"	SI
"	42	N	35-17-27	Inject
TOTAL	18			163

*On the same unit with Betrice Bedingfield, State #6.

ROBERT E. BOLING				
Keyes St.	2	H	9-17-28	1
"	3	G	"	1
Keyes A Fed.	1	N	10-17-28	1
Phil.Bald.St.	2	N	15-17-28	1
"	3	K	"	SI
TOTAL	4			4
C & H OIL				
Harbold	12	E	35-17-27	12
Malco	2	A	3-18-27	2
Malco Fed.	1	D	35-17-29	7
TOTAL	3			21
GEORGE A. CHASE				
Hondo	1	M	26-17-27	1
CIMA CAPITAN, INC. (N.S.L)				
(Cima-Red Lake Flood)				
6.66 Allowable Units				
St.B-1111	2	F	22-17-28	16
St.B-1969	1	K	"	6
"	7	J	"	SI
"	9	E	"	SI
State 636	4	L	"	SI
"	8	L	"	Inject
St.B-1111	3	G	"	"
St.B-1969	6	K	"	"
TOTAL	2			22
MAGGIE SUETTA COCKBURN				
Ramapo	1	M	31-17-29	2
"	2	L	"	2
TOTAL	2			4
DAVID C. COLLIER				
Gulf Jackson	1	D	18-18-27	4
R. D. COLLIER				
Atlantic St.	1	O	16-17-28	6
FRANKLIN, ASTON & FAIR, INC.				
St.AD	1	N	31-17-28	Gas Well
St.AG	1	J	"	2
JOHN R. GRAY				
Pan Am.St.	1	I	28-17-28	1
HANSON OIL CORP.				
H&K Fed.	1	E	14-17-28	1
Schram Fed.	1	L	"	7
TOTAL	2			8
TOM L. INGRAM				
Johnson	1Y	L	7-18-27	14
Acreage Factor 1.025				
WILLIAM E. JEFFERS				
State B	1	B	36-17-27	10
KENNEDY OIL CO. INC.				
Atlantic St.	1	P	16-17-28	1
Delhi St.	2	N	28-17-28	5
TOTAL	2			6
KERSEY & CO.				
Williams A	3	H	28-17-28	5
(Red Lake Pr.Sd.Unit Flood)				
39 Allowable Units				
Tr.1	1	K	21-17-28	1
"	2,11	C	29-17-28	4
"	3	D	"	1
"	4	A	"	2
"	5	B	"	3
"	10	G	30-17-28	1
Tr.3	1	P	19-17-28	4
Tr.4	1	I	20-17-28	1
"	2,3	J	"	2
Tr.5	1	A	30-17-28	5
Tr.6	1	O	20-17-28	1
"	4	P	"	2
Tr.7	1	H	30-17-28	1
Tr.9	5	N	20-17-28	1
"	6	K	"	1
Tr.11	15	E	28-17-28	8
"	19	N	21-17-28	2
Tr.13	3	H	20-17-28	5
Tr.14	1,2	E	21-17-28	4
Tr.15	1	F	29-17-28	2
"	2	G	"	5
Tr.1	6	I	19-17-28	Inject
"	9	P	"	"
Tr.2	1	F	20-17-28	"
Tr.4	4	I	"	"
Tr.6	2	P	"	"
Tr.8	1	J	21-17-28	"
Tr.9	1	K	20-17-28	"
"	2	L	"	"
"	3	N	"	"
"	4	M	"	"
Tr.10	1	L	28-17-28	"
Tr.11	10	L	21-17-28	"
"	11	N	"	"
"	13	M	"	"
"	14	C	28-17-28	"
"	16	F	"	"
Tr.12	1,3	G	20-17-28	"
"	2	A	"	"
Tr.13	2	H	"	"
TOTAL	24			56
OPR. TOTAL	25			61

KINCAID & WATSON DRLG. CO.

Aztec	1	G	15-17-28	2
"	2	B	"	1
"	3	H	"	5
"	4	A	"	6
Federal	1	J	"	3
"	3	I	"	5
"	4	P	"	6
Hondo Fed.	1	F	23-17-28	4
Humble 23	1	J	"	1
Welch Fed.	1	M	14-17-28	1
TOTAL	10			34

MCCOY & STEVENS

Malco	1	K	23-17-28	2

B. N. MUNCY, JR.

State B	1	M	27-17-28	2

PETROLEUM CORP. OF TEXAS

Car.Coll.Fed.	1	G	5-18-27	6
Evarts	1	H	6-18-27	8
Fred.Fed.	2	E	"	2
Julia A Fed.	1,2	I	5-18-27	9
"	3	E	"	8
Julia B Fed.	1	I	6-18-27	4
Ya.Coll.Fed.	1	J	5-18-27	1
TOTAL	8			38

(PETCO Red Lake Waterflood)
No well may be assigned more than top allowable.

Compton Fed.	1	O	6-18-27	8
Fred.Fed.	1	L	"	11
Paton Fed.	2	N	"	Inject
TOTAL	2			19
OPR. TOTAL	10			57

C. E. ROACH DRLG. CO.

Roach St.	1	J	16-17-28	1

DAVID C. SAIKIN

Hud.Saikin St.	1	E	31-17-28	1

TOM SCHNEIDER

Jackson	1	M	7-18-27	8

Acreage Factor 1.025

JOHN H. TRIGG
(Trigg Red Lake Flood)
3 Allowable Units

Empire J Fed.	2	I	1-18-26	7
"	3	H	"	5
"	1	P	"	Inject
TOTAL	2			12

A. O. WOODEN

Harbold	16	N	26-17-27	Gas Well
POOL TOTAL	120			643

RED LAKE QUEEN GBR. EAST

D. M. BASSETT DRLG. CO.

So.Un.Fed.	1	P	27-16-28	1
"	2	M	26-16-28	1
TOTAL	2			2

L. T. HARRIS

Read State	1	H	11-17-28	4

J & H PRODUCTION

State P-12	1	C	12-17-28	2
"	2	B	"	2
"	3	G	"	2
TOTAL	3			6

KINCAID & WATSON DRLG. CO.

Kemp.Delhi St.	1	C	2-17-28	Gas Well
Leonard	1	M	1-17-28	4
"	2	L	"	1
Lowe State	1	H	35-16-28	2
So.Un.Fed.	3	O	34-16-28	Gas Well
"	4	G	"	1
"	5	B	"	1
"	7	K	"	Gas Well
Sun Mid.Cont.	1	A	11-17-28	7
"	2	I	"	1
Sup.St.	1	D	12-17-28	5
Trigg Fed.	1	E	34-16-29	Gas Well
TOTAL	8			22

(East Red Lake Flood)
13 Allowable Units
East Red Lake Unit

Tr.1	1	M	36-16-28	6
"	4	K	"	1
Tr.2	1	P	35-16-28	7
Tr.3	2	A	2-17-28	40
"	4	G	"	10
Tr.4	2	C	1-17-28	1
Tr.5	1	E	"	30
Tr.1	2	L	36-16-28	Inject
"	3	N	"	"
Tr.3	1	H	2-17-28	"
"	3	B	"	"
Tr.4	1	D	1-17-28	"
Tr.5	2	F	"	"
TOTAL	7			95
OPR. TOTAL	15			117

MCCOY & STEVENS

Atlantic A St.	2	F	12-17-28	3

SOUTHERN UNION PROD. CO.

Federal	1	F	34-16-28	1
POOL TOTAL	23			133

REMUDA WOLFCAMP

Top Allowable 397

TEXACO INC.

Rem.Basin Ut.	1	J	24-23-29	7

REVELATION DELAWARE

GOR Limit 2,000

MARATHON OIL CO.
Miller Ranch Unit

	1	J	18-22-25	11

ROUND TANK-QUEEN

GOR Limit 2,000

ELK OIL CO.

JW State(16)	1	K	30-15-29	4	1870

RUSSELL (Y)

BARBER OIL INC.

(Waterflood)

Crosby Fed.	1	O	12-20-28	5	
Turn.Fed.	4,16	F	13-20-28	14	
"	10	J	"	6	
"	11	N	"	5	
"	19,20	K	"	9	
Wills Fed.	1,12	L	"	8	
"	7,20,35,39,44	G	"	16	
"	9	H	"	4	
"	11,22	B	"	15	
"	13,16,28	M	"	11	
"	32	J	"	4	
"	36	A	"	5	
"	38	F	"	4	
"	43	K	"	4	
Crosby Fed.	2,4	O	12-20-28	Inject	
Turn.Fed.	2,12,14	K	13-20-28	"	
"	3,17,22	J	"	"	
"	13	C	"	"	
"	8	F	"	"	
"	21	N	"	"	
Wills Fed.	2	M	"	"	
"	3,19,21,45	G	"	"	
"	5,23,25,37	B	"	"	
"	8,41	A	"	"	
"	40	H	"	"	
"	10Y,27	L	"	"	
"	15	P	14-20-28	"	
"	33,42	K	13-20-28	"	
"	34	F	"	"	
TOTAL	24			110	

SALADAR YATES

GEORGE D. RIGGS

Hughes Fed.	1,3,5	K	33-20-28	7	
"	6,7	N	"	6	
Mal.Rfg.Inc.	1	L	"	3	
Mayfield Fed.	2,4	O	"	1	
TOTAL	8			17	

SAND DUNES CHERRY CANYON

Top Allowable 124 GOR Limit 2,000

TEXAS AMERICAN OIL CORP.

Todd 26 Fed.					
(55)	2	G	26-23-31	55	550

SAND TANK QUEEN

J. M. WELCH

Aston Fed.	1	L	7-18-30	3	

SHUGART DELAWARE

GOR Limit 2,000

AMOCO PROD. CO.

Greenwood Unit					
(81)	4	D	27-18-31	64	1321
Hinkle Fed. (38)	1	E	"	30	TSTM
TOTAL	2			94	

GULF OIL CORP.

Little AB Fed.					
(58)	1	M	22-18-31	47	1724
" (30)	3	L	"	30	1633
TOTAL	2			77	
POOL TOTAL	4			171	(36)

SHUGART (Y.SR.Q.G)

AMARILLO OIL CO.

Edwards Fed.	1	O	9-18-31	6
"	2	G	"	3
"	3	I	"	6
"	4	A	"	7
TOTAL	4			22

APCO OIL CORP.

Ginsberg A	1	A	17-18-31	4
"	2	G	"	1
"	3	B	"	1
"	4	H	"	1
TOTAL	4			7

ATLANTIC RICHFIELD CO.

East Shugart Unit

	8	A	35-18-31	5

(Panco Flood)

4 Allowable Units

Panco Fed.	1	C	23-18-31	14
"	3	E	"	65
"	2	D	"	Inject
"	4	F	"	"
TOTAL	2			79

(East Shugart Unit Flood)

29 Allowable Units

East Shugart Unit

	2	B	34-18-31	41
"	4,5	D	35-18-31	10
"	7	B	"	6
"	9	H	"	1
"	10	G	"	48
"	11	F	"	SI
"	12	E	"	18
"	13	H	34-18-31	36
"	14	G	"	38
"	17	K	"	20
"	18	J	"	20
"	20	L	35-18-31	6
"	21	K	"	SI
"	24	N	"	10
"	25	M	"	24
"	26	P	34-18-31	11
"	27	O	"	10
"	30	C	3-19-31	3
"	31	B	"	35
"	1	P	27-18-31	Inject
"	3	A	34-18-31	"
"	6	C	35-18-31	"
"	15	F	34-18-31	"
"	16	L	"	"
"	19	I	"	"
"	22	J	35-18-31	"
"	23	O	"	"
"	28	O	34-18-31	"
"	29	N	"	"
"	32	M	35-18-31	"
TOTAL	18			337

(Swearingen Shugart Flood)

15 Allowable Units

Swear.A	1	F	14-18-31	SI
"	2	A	"	P&A

ATLANTIC RICHFIELD CO. CONTINUED				
Swear.A	4	G	14-18-31	P&A
"	7	I	"	P&A
Swear.B	1	K	"	SI
"	2	D	"	P&A
"	5	O	"	SI
"	6	M	"	75
Johnson	1	P	11-18-31	P&A
Swear.A	3	B	14-18-31	P&A
"	5	H	"	P&A
"	6	J	"	Inject
Swear.B	3	E	"	"
"	4	P	"	"
"	7	N	"	"
TOTAL	1			75
OPR. TOTAL	22			496
TOM BOYD				
State 36	1	D	36-18-31	3
TOM BOYD DRLG. CO. INC.				
Hinkle B	3	N	26-18-31	8
"	4	K	"	8
Hinkle B 26 1,5	M		"	10
"	2	L	"	1
Keohane	1	M	25-18-31	5
"	2	L	"	5
TOTAL	7			37
C & K PETROLUEM, INC.				
Monterey St.	1	N	32-18-31	6
"	2	D	"	6
"	3	C	"	2
"	4	F	"	6
TOTAL	4			20
GEORGE A. CHASE				
Erwin Fed.	1	P	9-18-31	5
DONNELLY DRLG. CO.				
Don.Pan.Am.	1Y	G	5-19-31	SI
Feath.Fed.	1	H	"	4
"	2	A	"	4
TOTAL	2			8
GREAT PLAINS LAND CO.				
Pure Fed.	1	D	31-18-31	19
Acreage Factor 0.900				
GULF OIL CORP.				
Little.AB Fed.	2	N	22-18-31	5
"	4	E	"	9
"	5	M	"	18
"	6	K	"	2
"	7	L	"	6
"	8	A	"	37
"	9	H	"	38
"	10	B	"	20
"	11	G	"	9
"	12	I	"	38
"	13	P	"	44
"	14	O	"	21
TOTAL	12			247

HANSON OIL CORP.				
Ginsberg Fed.	1	O	25-18-30	2
"	2	J	"	3
"	3	B	"	15
"	4	G	"	15
Hodges Fed.	1	P	6-19-31	2
TOTAL	5			37
HONDO OIL & GAS CO.				
(Culwin Unit Flood)				
18 Allowable Units				
Culwin Queen Unit				
	1	H	36-18-30	2
"	3	K	"	12
"	4	J	"	2
"	5	I	"	5
"	6	L	31-18-31	6
"	8	P	36-18-30	2
"	10	N	"	6
"	12	B	1-19-30	5
"	13	A	"	5
"	14	D	6-19-31	2
"	15	H	1-19-30	4
"	16	G	"	3
"	2	G	36-18-30	Inject
"	7	M	31-18-31	"
"	9	O	36-18-30	"
"	11	M	"	"
"	17	J	1-19-30	"
"	18	L	6-19-31	"
TOTAL	12			54
WM. A. & EDW. R. HUDSON				
(Hudson Shugart A Flood)				
5 Allowable Units				
Shugart A	1	N	10-18-31	16
"	4	H	"	17
"	2	K	"	Inject
"	3	G	"	"
"	5	M	"	"
TOTAL	2			33
(Hudson Shugart B Flood)				
6 Allowable Units				
Shugart B	3	B	15-18-31	17
"	4	L	11-18-31	15
"	5	H	15-18-31	16
"	1	M	11-18-31	Inject
"	2	A	15-18-31	"
"	6	G	"	"
TOTAL	3			48
OPR. TOTAL	5			81
KENNEDY OIL CO. INC.				
Carp.Malone	1	E	4-19-31	3
KEOHANE & SAUNDERS ET AL				
Keo.Fed.	1	B	24-18-31	2
KEOHANE & WESTALL				
State E-6071	2	D	2-19-31	7
KERSEY & CO.				
Nickson A	1	D	4-19-31	2

KERSEY & CO. CONTINUED
(Welch Shugart Flood)
4 Allowable Units

Welch A	1	B	4-19-31	1
"	3	F	"	1
"	2	G	"	Inject
"	4	C	"	"
TOTAL	2			2
OPR. TOTAL	3			4

KERSEY & WITTKOPP
(K-W Shugart Flood)
2 Allowable Units

Texaco	1	I	6-19-31	2
"	2	J	"	Inject

MARATHON OIL CO.

John.B Fed.A/C2	3	P	15-18-31	70

(Shugart Johnson Flood)
6 Allowable Units

John.A Fed.	1	P	10-18-31	52
"	3	J	"	48
"	2	O	"	Inject
"	4	I	"	"
John.B Fed.A/C2	2	C	15-18-31	"
TOTAL	2			100
OPR. TOTAL	3			170

MARK PROD. CO.
(Shugart 18 Queen Unit Flood)
6 Allowable Units
Shugart 18 Queen Unit

	1	M	18-18-31	23
"	3	L	"	17
"	2	N	"	Inject
"	4	I	13-18-30	"
"	5	E	18-18-31	"
"	6	K	"	"
TOTAL	2			40

J.MASK,J.T.JENNINGS,B.M.KEOHANE & G.WESTALL

State	1	C	2-19-31	25
"	2	B	"	25
"	3	F	"	8
"	4	A	"	8
TOTAL	4			66

MAXWELL OIL CO.
(North Shugart Flood)

Taylor Unit	1	I	12-18-31	18
"	2	J	"	19
"	3	K	"	8
"	5,6	M	"	13
"	8	O	"	1
"	11	B	13-18-31	25
"	12	C	"	18
"	14	E	"	9
"	4	L	12-18-31	Inject
"	7	N	"	"
"	9	P	"	"
"	13	D	13-18-31	"
"	15	F	"	SI
TOTAL	9			111

PENASCO CORP.

Erwin	1	M	9-18-31	1
"	2	N	"	1
Mag.State	1	E	16-18-31	7
"	2	M	"	7
TOTAL	4			16

JACK PLEMONS

McFadden	1,2	A	3-19-31	5
"	3	H	"	SI

SHENANDOAH OIL CORP.

Featherstone	1	K	5-19-31	2
"	4	J	"	2
Gulf	1	A	28-18-31	25
"	2	H	"	25
Hinkle F	1	F	27-18-31	26
"	3	C	"	26
"	4	E	"	26
"	5	D	"	26
"	6	K	"	26
"	8	L	"	26
Keo.Etal"B"Fed.	2	C	28-18-31	5
Keo.Etal"C"Fed.	1	P	21-18-31	4
Monterey St.	1	J	32-18-31	4
"	4	K	"	1
"	5	O	"	2
NM Y St.	1	G	"	4
"	3	H	"	6
"	4	M	"	6
TOTAL	18			242

(S-S Waterflood)
36 Allowable Units

Gulf Fed.	1	O	20-18-31	16
Kenwood	1Y	E	29-18-31	45
"	2	D	"	29
"	4	C	"	45
Kenwood Fed.	2	M	19-18-31	75
"	3	K	"	30
Keo.Etal A Fed.	1	M	28-18-31	7
"	2	L	"	1
Shugart A	1	M	29-18-31	4
"	2	N	"	4
"	3	O	"	4
"	4	K	"	5
"	5	L	"	5
"	6	J	"	5
"	7	P	"	7
Shugart(APCO)A	1A		29-18-31	58
"	3	H	"	36
"	5	G	"	58
Shugart C	1	P	30-18-31	18
"	2	O	"	12
"	4Y,6	J	"	22
"	5	I	"	17
Shugart D	2	F	"	36
"	3	E	"	50
"	4	H	"	73
"	5	B	"	72
"	6	C	"	80
*Kenwood Fed.	3	F	29-18-31	Inject
"	1	N	19-18-31	"
Shugart A	8	N	29-18-31	"
"	9	I	"	"
Shug.(APCO)A	2	B	"	"

SHENANDOAH OIL CORP.CONTINUED				
*Shug.(APCO)A	4	F	29-18-31	Inject
Shugart C	3	I	30-18-31	"
Shugart D	1	G	"	"
"	7	D	"	"
"	8	A	"	"
"	9	M	20-18-31	"
*Wells on same unit				
TOTAL	28			814
(Shugart B Flood)				
2 Allowable Units				
Shugart B	3	N	33-18-31	2
"	1	O	"	Inject
OPR. TOTAL	47			1058
R. Q. SLIVERTHORNE				
Keinath	1	N	25-18-30	8
"	2	K	"	2
Kenwood	1	N	30-18-31	2
"	2	M	"	20
Acreage Factor 0.900				
"	3	L	"	4
Acreage Factor 0.875				
"	4	K	"	1
Lanning	1	P	25-18-30	39
"	2	I	"	3
TOTAL	8			79
TEXACO INC.				
B.I.Han.Fed.	1	K	3-19-31	5
"	2	J	"	5
NM CK St.NCT-1	1	E	36-18-31	4
TOTAL	3			14
TEXAM OIL CORP.				
Feath.Fed.	1	L	5-19-31	7
State 32	1	B	32-18-31	10
TOTAL	2			17
J. J. TRAVIS				
N.Shugart Queen Unit				
	3	H	20-18-31	3
(North Shugart Queen Flood)				
10 Allowable Units				
N.Shugart Queen Unit				
	2	D	21-18-31	SI
"	4	E	"	2
"	5	F	"	18
"	6	K	"	4
"	7	L	"	4
"	8	I	20-18-31	4
"	10	M	21-18-31	8
"	1	C	"	Inject
"	9	P	20-18-31	"
"	11	N	21-18-31	"
TOTAL	6			40
OPR. TOTAL	7			43
UNION OIL CO. OF CALIFORNIA				
Federal E	2	C	31-18-31	12
Federal F	1	A	"	12
"	2	B	"	26
TOTAL	3			50
J. M. WELCH				
Gulf	1	B	28-18-31	5
YATES PET. CORP.				
Creek AL	1	A	25-18-30	31
"	2	P	24-18-30	25
"	3	C	25-18-30	34
"	4	O	24-18-30	31
"	5	N	"	26
"	6	D	25-18-30	47
"	7	M	24-18-30	37
"	8	F	25-18-30	48
"	9	E	"	48
TOTAL	9			327
POOL TOTAL	191			3055

SQUARE LAKE (G.SA)

ANADARKO PROD. CO.				
Baxter A Fed.	1	O	20-16-31	5
"	2	P	"	1
Burnham A St.	8	P	2-17-30	2
Burnham B St.	10	K	"	3
Federal R	2	A	10-17-30	8
"	3	D	"	5
Grier	13	J	20-16-31	35
Randel St.	1	F	2-17-30	SI
"	2	G	"	SI
"	3	H	"	1
Tidewater St.	1	I	32-16-30	13
"	2	O	"	13
West.Dev.A St.	1	P	"	11
"	2	J	"	12
TOTAL	12			109
(Etz Flood)				
Buffer zone project				
Etz Federal	2	N	19-16-30	24
"	4	J	"	24
"	3	I	"	Inject
TOTAL	2			48
(Federal JJ Flood)				
2 Allowable Units				
Fed.JJ	1	K	3-17-30	15
"	2	L	"	Inject
(Federal KK Flood)				
3 Allowable Units				
Fed.KK	2	I	3-17-30	6
"	3	J	"	12
"	1	P	"	Inject
TOTAL	2			18
(Grier Flood)				
15 Allowable Units				
Grier	1	D	31-16-31	80
"	2	E	"	80
"	3	C	"	160
"	4Y	F	"	80
"	5	G	"	40
"	11	B	"	35
"	12	J	30-16-31	35
Grier A Fed.	1	K	31-16-31	35
State H	2	B	36-16-30	22

SQUARE LAKE (G.SA) CONTINUED

ANADARKO PROD. CO. CONTINUED				
State H	3	A	36-16-30	52
State J	1	H	"	80
Grier	6	J	31-16-31	Inject.
"	7	H	"	"
"	15	B	"	"
"	16	E	"	"
"	17	A	"	"
State H	4	A	36-16-30	"
TOTAL	11			699
(Sq.Lake Fed.Q Flood)				
Capacity allowable flood				
Federal Q	2	C	3-17-30	22
"	3	E	"	12
"	1	D	"	Inject
"	4	F	"	"
TOTAL	2			34
OPR. TOTAL	30			923
ARWOOD LTD.				
Etz A Fed.	1	E	25-16-30	1
(Loe Flood)				
11 Allowable Units				
Etz B	1	O	24-16-30	5
Etz Fed.	1	C	25-16-30	19
Loe	1	K	30-16-31	13
"	2	F	"	15
"	4	H	25-16-30	110
Mulcock Fed.	1	K	"	1
Loe	3	C	30-16-31	Inject
"	5	L	"	"
"	6	G	25-16-30	"
"	7	D	30-16-31	"
"	8	B	25-16-30	"
TOTAL	6			163
(Parke Waterflood)				
Parke	1	A	3-17-30	9
"	4	H	"	16
"	5	G	"	9
"	2	B	"	Inject
TOTAL	3			34
OPR. TOTAL	10			198
ROBERT H. BIRDWELL				
Conoco St.	2	M	3-17-29	2
ORLANDO BRISCOE				
Gulf State	1	A	2-17-29	1
"	2	G	"	1
"	3	B	"	1
TOTAL	3			3
CECIL L. BROWN				
(Hollis-Leonard Flood)				
18 Allowable Units				
Feath.A	1	C	1-17-29	5
Hollis	2	K	36-16-29	9
"	3	E	"	2
"	4	I	"	6
Leonard	3	O	"	11
"	7	G	"	SI
"	9	C	"	1

CECIL L. BROWN CONTINUED				
Miley	1	M	36-16-29	14
Feath.A	2	D	1-17-29	Inject
"	3	B	"	"
Hollis	1	L	36-16-29	"
Leonard	1	F	"	"
"	2	N	"	"
"	4	J	"	"
"	5	D	"	SI
"	6	P	"	SI
"	8	H	"	SI
Wright St.	2	B	"	SI
TOTAL	7			48
CALTO OIL CO.				
Brown State	1	L	3-17-29	6
GEORGE A. CHASE				
G.A.Chase Feath.	1	P	27-16-31	3
Jeffers Fed.	1	N	"	7
Ken.Fed.	1	C	34-16-31	7
"	2	A	"	12
Ken.A Fed.	1	B	"	7
Riley	1	O	27-16-31	5
TOTAL	6			41
MAGGIE SUETTA COCKBURN				
Featherstone	1Y	E	10-17-29	12
"	2Y	D	"	9
"	3	L	"	1
"	4	M	"	1
TOTAL	4			23
R. D. COLLIER				
Atlantic St.	1	J	2-17-29	1
Gulf St.	1	I	"	1
James Fed.	1	M	26-16-30	6
"	2	N	"	2
TOTAL	4			10
CONTINENTAL OIL CO.				
(Forest Unit Flood)				
20.33 Allowable Units				
Forest Pool Unit				
	3	A	34-16-29	2
"	6	G	"	SI
"	7	H	"	1
"	9	E	35-16-29	2
"	11	K	"	21
"	13	I	34-16-29	1
"	15	K	"	SI
"	16	M	"	SI
"	17	N	"	SI
"	18	O	"	6
"	20	M	35-16-29	18
"	22	O	"	SI
"	2	D	"	Inject
"	4	B	34-16-29	"
"	8	H	"	"
"	10	F	35-16-29	"
"	12	L	"	"
"	14	J	34-16-29	"
"	19	P	"	"
"	21	N	35-16-29	"
"	23	J	"	"
TOTAL	7			51

FEATHERSTONE FARMS, LTD.			
Fed.J-27	1 J	27-16-31	2
Valentine	1 M	"	8
"	2 L	"	10
TOTAL	3		20
OLEN F. FEATHERSTONE			
State B	1 K	2-17-29	SI
OLEN F. FEATHERSTONE, II			
F.Trust K 27	1 K	27-16-30	5
C. O. FULTON			
Dublin Fed.	1 C	3-17-29	2
Dublin St.	1 I	"	2
"	2 A	"	10
"	3 H	"	10
Gulf B St.	1 D	"	1
TOTAL	5		25
GEN.AMERICAN OIL CO. OF TEXAS			
Nunlee	1 P	27-16-30	4
"	2 O	"	16
TOTAL	2		20
(GAOC Flood #75)			
3 Allowable Units			
Nunlee Tr.1	4 A	35-16-29	SI
"	6 I	"	SI
"	5 H	"	SI
H & M OIL CO.			
(B&R Flood)			
7.33 Allowable Units			
Bed.Fed.	2 N	1-17-29	SI
Root	2 E	"	2
"	3 L	"	2
"	4,6 G	"	6
"	5 K	"	3
Bed.Fed.	1 J	"	SI
Root	1 F	"	Inject
TOTAL	5		13
TOM L. INGRAM			
(Drewery Flood)			
3 Allowable Units			
Drewery	1 C	6-17-30	13
Drewery A	1 K	"	11
Drewery	2 F	"	Inject
TOTAL	2		24
KENNEDY OIL CO. INC.			
Doolin	1 N	32-16-31	5
"	2 L	"	5
Superior Fed.	1 F	20-16-31	3
TOTAL	3		13
(Carper Flood)			
Buffer Zone Project			
Carper Fed.	1 L	19-16-31	41
"	2 K	"	Inject
(Dob Sheldon Flood)			
Sheldon Fed.	6 D	28-16-31	7
Ken.A Fed.	3 C	"	Inject

KENNEDY OIL CO. INC. CONTINUED			
(Kennedy S-L 2)			
9 Allowable Units			
Federal	1 E	27-16-31	SI
"	3 M	22-16-31	1
Kennedy Fed.	4 A	28-16-31	SI
Sheldon Fed.	4 G	"	12
"	5 I	"	5
Trust	1 F	27-16-31	2
Federal	2 G	"	Inject
Fed.Tr.1	4 D	"	SI
Kennedy Fed.	1 H	28-16-31	"
TOTAL	4		20
(Paintrock Flood)			
Ken.A Fed.	2 F	28-16-31	17
Sheldon Fed.	2 N	"	11
"	3 P	"	1
"	1 K	"	Inject
TOTAL	3		29
(Rowley Flood)			
Buffer Zone Project			
Rowley Fed.	2 L	20-16-31	5
"	1 K	"	Inject
(Sq.Lake Flood, East)			
State C	1 B	32-16-31	7
"	3 H	"	2
"	2 A	"	Inject
"	4 G	"	"
TOTAL	2		9
OPR. TOTAL	15		124
KERSEY & CO.			
Dublin	3 B	3-17-29	9
Pan Am.	2 I	1-17-29	8
TOTAL	2		17
KEWANEE OIL CO.			
(Sq.Lake 12 Unit Flood)			
19 Allowable Units			
Sq.Lake 12 Unit			
Tr.1	1 I	12-17-29	3
Tr.1A	6 O	"	32
Tr.2	1 M	"	5
Tr.3	2 M	6-17-30	2
Tr.4	3 G	7-17-30	13
"	4 C	"	7
Tr.5	15 K	12-17-29	105
Tr.6	10 O	1-17-29	10
Tr.6B	2 E	7-17-30	TA
"	5 G	12-17-29	11
Tr.7	1 F	"	48
"	2 E	"	10
Tr.1A	3 N	"	Inject
Tr.1B	14 J	"	"
Tr.3	1 L	6-17-30	"
Tr.4	2 F	7-17-30	"
Tr.5	3 L	12-17-29	"
Tr.6C	1 B	"	"
Tr.8	5 P	1-17-29	"
TOTAL	11		246

KINCAID & WATSON DRLG. CO.				
(Wright Flood)				
7 Allowable Units				
Wright Fed.	1	A	1-17-29	23
"	3	E	6-17-30	26
Wright Fed.Tr.	1	6G	"	15
"	7	A	"	1
Wright Fed.	2	D	"	Inject
"	4	H	1-17-29	"
Wright Fed.Tr.	1	5B	6-17-30	"
TOTAL	4			65
MCCRARY & FRANKLIN, INC.				
Shipley Fed.	1	F	3-17-29	2
"	2	K	"	2
TOTAL	2			4
W. H. MCKINLEY				
Art.Pet.Co.	1	G	1-17-30	5
"	2	H	"	5
TOTAL	2			10
NEWMONT OIL CO.				
Grier A	1	L	31-16-31	1
Overton	9	I	36-16-30	5
TOTAL	2			6
(Sq.Lake Flood, East)				
Brunning	2	F	29-16-31	36
"	4	H	"	13
Carper Fed.	6	N	34-16-31	20
Carper AB	2	P	"	7
"	4	D	"	2
Carper G	3	J	29-16-31	31
J.N.Fidel	1	P	30-16-30	3
J.N.Fidel A	3	B	29-16-31	26
"	4	A	"	20
Grier	1	D	"	25
"	4	N	20-16-31	22
Johnson	5,13	H	33-16-31	28
"	8	L	34-16-31	10
"	11	J	"	17
Kennedy	1	H	"	8
"	3	J	28-16-31	15
"	4	M	33-16-31	53
"	5	L	"	8
State R	1	D	32-16-31	4
Tex.Trad.	1	D	33-16-31	24
"	7	N	"	11
"	9	P	"	1
Tex.Trad.A	3	L	29-16-31	5
Vickers	1	H	30-16-31	26
"	4	B	"	12
"	5	P	19-16-31	12
Brunning	1	E	29-16-31	Inject
"	3	G	"	"
"	5	I	"	"
"	6	O	"	SI
Carper Fed.	5	K	34-16-31	Inject
Carper AB	1	I	"	"
"	3	E	"	"
J.N.Fidel	2	I	30-16-31	"
J.N.Fidel A	5	A	29-16-31	"
Grier	2	C	"	"
"	3	M	20-16-31	"

NEWMONT OIL CO. CONTINUED				
Johnson	2	M	28-16-31	Inject
"	6	A	33-16-31	SI
"	7	O	28-16-31	SI
"	10	M	34-16-31	Inject
"	12	O	"	"
"	16	O	33-16-31	SI
"	17	G	34-16-31	SI
Johnson A	1	C	33-16-31	Inject
Sheldon Fed.	3	E	28-16-31	SI
State R	3	C	32-16-31	SI
Tex.Trad.	2	E	33-16-31	SI
"	4	G	"	SI
"	5	K	"	SI
"	6	I	"	SI
"	8	B	"	Inject
Tex.Trad.Fed.A	1	M	29-16-31	SI
"	4	K	"	Inject
Vickers	2	A	30-16-31	"
"	3	G	"	"
"	6	O	19-16-31	"
TOTAL	27			439
(Sq.Lake Flood, West)				
43 Allowable Units				
Cont.St.	2	E	36-16-30	5
"	3	C	"	10
Etz C Fed.	2	I	34-16-30	SI
"	4	O	"	20
Etz E	1	G	"	30
"	4	A	"	4
Geo.Etz	10	K	35-16-30	5
"	15	C	"	6
"	17	E	"	11
Evans	3	B	4-17-30	59
"	13	K	"	3
Evans A	6	N	33-16-30	2
"	7	M	"	12
"	11	A	"	2
Jackson St.	6	K	36-16-30	1
Leonard	6	E	34-16-30	34
"	7	C	"	2
"	9	K	"	37
"	11	M	"	13
Leonard E	2	I	33-16-30	9
"	4	O	"	47
"	13	J	4-17-30	2
"	14	I	"	1
Leonard St.	2	I	32-16-30	7
State T	1	G	36-16-30	13
Cont.St.	1	F	"	Inject
Etz C	1	J	34-16-30	"
"	3	P	"	"
Etz E	2	H	"	"
"	3	B	"	"
Geo.Etz	8	F	35-16-30	"
"	9Y	L	"	"
"	14	D	"	"
Evans	2	H	4-17-30	"
Evans A	8	L	33-16-30	"
"	10	H	"	"
Leonard	3	N	34-16-30	"
"	5	F	"	"
"	8	D	"	"
"	10	L	"	"
Leonard E	3	J	33-16-30	"

NEWMONT OIL CO. CONTINUED

Leonard E	8	F	4-17-30	Inject
Leonard St.	1	P	32-16-30	"
TOTAL	24			335
OPR. TOTAL	53			780

PENASCO CORP.

Heard	6	P	25-16-29	6

V. M. SHORTES

Sinclair St.	1	P	9-17-29	6

STALLWORTH OIL & GAS
(Etz Flood)
4.66 Allowable Units

Etz	1	P	25-16-30	117
"	2	O	"	33
"	3	J	"	50
"	4	I	"	18
"	6	J	"	11
"	5	O	"	Inject
TOTAL	5			229

TEXACO INC..
A.N.Etz Fed.NCT-2

	3	G	31-16-30	1
H.J.Loe Fed.	1	N	31-16-31	9
TOTAL	2			10

(Sq.Lake 31 Unit Flood)
Project terminated 1-1-71

J. CLEO THOMPSON

Etz Fed.	1	J	26-16-30	2
Factor 0.500				
AN Etz	7	J	"	4
Factor 0.500				
Geo.Etz	5	O	35-16-30	4
"	6	N	"	9
Evans	9	G	33-16-30	2
"	12	B	"	22
"	15	N	4-17-29	6
Jack.St.	8	N	36-16-30	1
Leonard E	15	O	4-17-30	1
"	16	P	"	1
Tidewater St.	10	P	36-16-30	1
TOTAL	11			53

WELCH & IVERSON

Gissler	1	A	11-17-30	5
"	2	D	12-17-30	5
"	3	E	"	5
"	4	H	11-17-30	5
TOTAL	4			20

WINDFOHR OIL CO.

Gis.B	6	C	11-17-30	4
"	7	B	"	5
"	8	D	"	1
"	9	F	"	6
"	10	G	"	2
Jackson B	4	D	1-17-30	1
"	5	C	"	1
"	15	L	"	7
"	17	M	"	2
Jack.B Tr.5	18	I	"	2

WINDFOHR OIL CO. CONTINUED

Jack.B Tr.5	19	P	1-17-30	8
"	20	O	"	11
*"	38	A	12-17-30	7
TOTAL	13			57

*Allowable for this zone plus allowable for G-J SA Unit #38, Grayburg Jackson Pool, to be no more than one top allowable. PC-343.

POOL TOTAL 216 3039

SQUARE LAKE G.SA.,NORTH

MOBIL OIL CORP.
(N.E.Sq.Lake Pr.Ut.Flood)
26 Allowable Units
N.E.Sq.Lake Pr.Ut.

	2	R	3-16-31	62
"	4	X	4-16-31	11
"	6	W	3-16-31	46
"	7	X	"	47
"	9	D	11-16-31	8
"	11	D	10-16-31	1
"	13	B	9-16-31	22
"	16	F	"	SI
"	18	H	"	12
"	20	F	10-16-31	63
"	22	H	10-16-31	24
"	24	L	11-16-31	1
"	26	J	10-16-31	24
"	1	Q	3-16-31	Inject
"	3	S	"	"
"	5	U	"	"
"	8	U	2-16-30	"
"	10	C	10-16-31	"
"	12	A	9-16-31	"
"	14	C	"	"
"	15	E	"	"
"	17	G	"	"
"	19	E	10-16-31	"
"	21	G	"	"
"	23	E	11-16-31	SI
"	25	I	10-16-31	Inject
"	27	K	"	"
TOTAL	12			321

SHELL OIL CO.
(N.Sq.Lake Pr.Ut.Flood)
21 Allowable Units
N.Sq.Lake Premier Unit

	2	O	6-16-31	28
"	6	T	4-16-31	17
"	8	R	5-16-31	10
"	10	T	"	6
"	12	R	6-16-31	17
"	13	S	"	44
"	16	U	5-16-31	10
"	18	W	"	2
"	1	J	6-16-31	Inject
"	3	P	"	"
"	4	M	5-16-31	"
"	5	N	"	"
"	7	Q	"	"
"	9	S	"	"
"	11	Q	6-16-31	"
"	14	V	"	"

SQUARE LAKE G.SA,NORTH CONTINUED

SHELL OIL CO. CONTINUED
N.Sq.Lake Premier Unit

		15	X	6-16-31	Inject
"		17	V	5-16-31	"
"		19	X	"	"
"		20	B	8-16-31	"
"		21	D	"	"
TOTAL	8				134
POOL TOTAL	20				455

SULIMAR QUEEN

GOR Limit 2,000

CITIES SERVICE OIL CO.					
Snyder Fed.	(40)	1	H	26-15-29	20 648
"	(90)	2	G	"	35 455
TOTAL	2				55
JACK L. MCCLELLAN					
Carthel Fed.		2	P	23-15-29	SI
LaRue Fed.	(16)	1	D	25-15-29	16 TSTM
Lisa A Fed.	(20)	2	F	24-15-29	20**3400
"	(16)	3	C	"	16**2250
"	(32)	4	K	"	32 940
"	(40)	5	N	"	40 1250
"	(15)	6	L	"	15**3000
"	(21)	7	M	"	21**2400
"	(32)	8	N	13-15-29	32 1750
"	(11)	9	M	"	SI*20000
Lisa B Fed.	(15)	3	O	"	15 1000
"	(30)	4	P	"	30 533
Lisa C Fed.	(16)	1	A	24-15-29	16 310
"	(30)	2	G	"	30 2000
"	(52)	3	H	"	52 690
"	(56)	4	J	"	56 890
Smernoff Fed.					
	(20)	1	B	24-15-29	20 1250
TOTAL	15				411
PUBCO PETROLEUM CORP.					
Sulimar Fed.					
	(40)	1	A	26-15-29	40**3133
"	(5)	2	B	"	5**24000
TOTAL	2				45
POOL TOTAL	19				511

TAMANO SAN ANDRES

WM. A. & EDW. R. HUDSON					
Lowe Federal		1	P	35-17-31	1
MAXWELL OIL CO.					
State		1	M	36-17-31	2
POOL TOTAL	2				3

TURKEY TRACK QUEEN GBR.

ANADARKO PROD. CO.					
Cont.St.		5	M	10-19-29	5
"		6Y	O	9-19-29	1
Cont.A St.		4	A	16-19-29	2
Cont.B St.		1	P	9-19-29	6
D.Sullivan		1	D	15-19-29	2
TOTAL	5				16

ROBERT H. BIRDWELL
(Turkey Track Flood)
12.66 Allowable Units

Brainard Tr.1		1N		34-18-29	8
"Tr.2		2	L	"	5
"Tr.3		3	M	"	2
"		5	O	"	1
"Tr.4		4	K	"	1
"		6	J	"	1
Featherstone		1	B	"	1
"		2	G	"	1
McKee Wilson		1,5	F	"	15
"		2	C	"	2
Brainard Tr.3		7N		"	Inject
"		8	O	"	SI
"Tr.4		9	K	"	Inject
"		10	J	"	SI
Featherstone		3	B	"	Inject
"		4	G	"	"
McKee Wilson		3	F	"	SI
"		4	C	"	SI
TOTAL	11				37

(Turkey Track Sec.3 Ut.Flood)
12 Allowable Units

T.T.Sec.3 Ut.		1	B	3-19-29	13
"		2	C	"	2
"		4	D	"	5
"		7	F	"	4
"		8	G	"	SI
"		10,11	J	"	5
"		13	K	"	SI
"		14	O	"	4
"		3	C	"	SI
"		5	E	"	SI
"		6	F	"	SI
"		9	H	"	SI
"		12	K	"	SI
TOTAL	7				33
OPR. TOTAL	18				70
GORDON M. CONE					
Federal 22		1	M	22-18-29	2
KERSEY & CO.					
Denton A		1	D	27-18-29	1
Parry		1	J	28-18-29	1
TOTAL	2				2

KERSEY & CO. & E. A. HANSON
(Denton Flood)
2 Allowable Units

Denton		2	O	21-18-29	1
"		1	P	"	Inject

(YD Flood)
3 Allowable Units

YD		1	C	28-18-29	2
"		3	K	"	2
"		2	F	"	Inject
TOTAL	2				4
OPR. TOTAL	3				5
KINCAID & WATSON					
Inter.Fed.		1	P	29-18-29	1

JOHN H. TRIGG
Wilson Fed. 1 D 33-18-29 2

(Turkey Track Sivley Flood)
4 Allowable Units
Siv.Jen.Fed. 1 E 28-18-29 5
" 3 M " 5
" 4 N " 4
" 2 L " SI

TOTAL 3 14
OPR. TOTAL 4 16
YATES DRLG. CO.
(Federal DY Flood)
3 Allowable Units
Federal DY 2 G 28-18-29 7
" 4 H " 7
" 3 B " Inject

TOTAL 2 14
YATES PET. CORP.
Federal AR 1 C 33-18-29 1

POOL TOTAL 37 127

TURKEY TRACK, EAST (Q)
DAVID C. COLLIER
Leonard St. 2 N 1-19-29 Cancelled
Leonard A St. 1 B 12-19-29 1
Santa Nina 1 D 7-19-30 1
Acreage Factor 0.950
State S 2 A 12-19-29 1

TOTAL 3 3
(East Turkey Track Flood)
4 Allowable Units
Keohane Fed. 1 M 6-19-30 Cancelled
Leonard St. 1 O 1-19-29 SI
State R 3 P " 1
Leonard St. 4 I " Inject

POOL TOTAL 4 4

TURKEY TRACK SEVEN RIVERS
ANADARKO PROD. CO.
Cont.St. 1 A 10-19-29 3
D.Sullivan 2 C 15-19-29 1

TOTAL 2 4
ROBERT H. BIRDWELL
T.T.Sec.3 Ut.15 P 3-19-29 1
" 16 P " 1

TOTAL 2 2
POOL TOTAL 4 6

TWIN LAKES (DEV)
Top Allowable 164
TWINLAKES OIL CO.
O'Brien"C" 1 M 1-9-28 75

TWIN LAKES SAN ANDRES
GOR Limit 2,000
TWINLAKES OIL CO.
Citgo St.(38) 4 F 36-8-28 38 1300
Citgo A St.(23) 2N " 23**5100
" (23) 3 K " 23**6400
" (22) 5 C " 22 1180

TWINLAKES OIL CO. CONTINUED
O'Brien A(20) 1 B 1-19-28 20 1300
" C 2 D " 11

TOTAL 6 137

WHITE RANCH-SILURO DEVONIAN
Top Allowable 210
PLAINS RADIO BROADCASTING CO.
White Ranch 1 E 34-11-29 16

WHITE RANCH DEVONIAN, WEST
(80 Acre Spacing)
Top Allowable 280
READING & BATES, INC.
White Ranch 1 A 1-12-28 34

WINCHESTER WOLFCAMP
Top Allowable 264
ROBINSON BROTHERS OIL PROD.
State A 1 M 36-19-28 12

GROUP 4 7-8000 Top Allowable 164
GOR 2,000
ROGER C. HANKS
Penny Fed. 1 N 23-20-24 144
Robin Fed. 1 F 26-20-24 164

GROUP 8 11-12,000 Top Allowable 397
PERRY R. BASS
Big Eddy Ut.(60)33 P 4-20-31 60**6650

BONUS ALLOWABLE

OPERATOR	WELL	LOCATION	POOL	ACCUM. TOTAL ASSIGNED	TOTAL BONUS	DAILY BONUS	TOTAL JULY	TOTAL AUGUST	REMAINING BONUS
The Eastland Oil Co.	ARCO Federal	#1-D, 5-18-31	Power-Grayburg-San Andres	5088	17050	24	744	744	11962
Union Oil Co. of California	Tracy	#1-C,10-22-27	Esperanza-Delaware	16800	17085	24	744	744	285

SUMMARY ALLOCATION OF SOUTHEAST NEW MEXICO, JULY & AUGUST, 1971

FIELD & FM	DEPTH RANGE M.FT.	PROPORTIONAL FACTOR	NO. NON MARG. UNITS	TOP UNIT ALLOW.	TOTAL NON MARG. ALLOC.	ALLOC. BY ACRE ADJUST	(WF) OVER N.U.A.	TOTAL MARG. WELLS	MARG. ALLOC.	TOTAL WELLS	TOTAL ALLOC
ACME	0-5	1.00		70				13	49	13	49
AID YATES SR	0-5	1.00		70				10	19	10	19
ARTESIA Q.G.SA	0-5	1.00	1	70	70		7	360	2256	361	2333
ATOKA GBR.	0-5	1.00		70				4	108	4	108
ATOKA SA	0-5	1.00	1	70	70	2		48	400	49	472
BARBER YATES	0-5	1.00		70				9	135	9	135
BENSON Q.G.,NORTH	0-5	1.00		70				44	267	44	267
BENSON YATES, EAST	8-9	3.00		210				5	19	5	19
BIG EDDY-BONE SPRING	5-6	1.33		94				1	14	1	14
BIG EDDY DELAWARE	11-12	8.67		607				1	19	1	19
BIG EDDY STRAWN (160)	0-5	1.00		70				3	179	3	179
BITTER LAKES SA, SOUTH	0-5	1.00		70				9	11	9	11
BITTER LAKES SA, WEST	0-5	1.00		70				1	1	1	1
BROWN Q-GBR.	0-5	1.00		70				2	6	2	6
BRUSHY DRAW DEL.	0-5	1.00		70				7	42	7	42
BURTON DELAWARE	0-5	1.00		70							
BURTON YATES	0-5	1.00		70				1	1	1	1
CABIN LAKE STRAWN	12-13	6.73		473				1	20	1	20
CANYON WOLFCAMP	5-6	1.33		94				1	1	1	1
CAVE GRAYBURG	0-5	1.00		70				24	125	24	125
CEDAR HILLS, YATES	0-5	1.00		70				1	10	1	10
CEDAR LAKE ABO	7-8	2.33		164				1	19	1	19
CHISUM DEVONIAN	6-7	1.77		124				1	27	1	27
CHISUM SAN ANDRES	0-5	1.00		70				1	4	1	4
CHISUM SAN ANDRES, EAST	0-5	1.00		70				1	8	1	8
CORRAL CANYON DELAWARE	0-5	1.00		70				9	70	9	70
COTTON DR.BRUSHY CANYON	7-8	2.33		164				1	6	1	6
COYOTE QUEEN	0-5	1.00		70				26	50	26	50
DAGGER DRAW-UPPER PENN	7-8	2.33		164				1	40	1	40

DARK CANYON DELAWARE	0-5	1.00		70			1	1	1	1
DAYTON ABO	5-6	1.33		94			4	28	4	28
DAYTON GRAYBURG	0-5	1.00		70			7	15	7	15
DAYTON GBR.EAST	0-5	1.00		70			6	10	6	10
DIABLO SAN ANDRES	0-5	1.00		70						
DOG CANYON GBR.	0-5	1.00		70			5	18	5	18
DOS HERMANOS YA.SR	0-5	1.00		70			11	106	11	106
DOUBLE L-QUEEN	0-5	1.00	9	70	630		14	260	23	890
EAGLE CREEK SA	0-5	1.00	1	70	70		23	639	24	709
EMPIRE ABO	6-7	1.77	175	124	21700	60	66	2979	241	24739
EMPIRE PADDOCK	0-5	1.00		70			1	5	1	5
EMPIRE YATES	0-5	1.00		70			80	60	80	60
EMPIRE YATES SR, EAST	0-5	1.00		70			2	3	2	3
ESPERANZA-DELAWARE	0-5	1.00	1	70	70				1	70
FIVE MILE-YESO	0-5	1.00		70			1	2	1	2
FREN SR	0-5	1.00		70			77	263	77	263
GRAY.JACKSON Q.G.SA	0-5	1.00	29	70	2030	1192	538	6193	567	9415
HACKBERRY YA.SR.NORTH	0-5	1.00		70			36	501	36	501
HENSHAW GBR.WEST	0-5	1.00	4	70	280	107	29	509	33	896
HENSHAW Q.G.SA	0-5	1.00		70			5	20	5	20
HENSHAW WOLFCAMP (80)	8-9	4.00		270			8	366	8	366
HIGH LONESOME	0-5	1.00		70			20	311	20	311
INDIAN BASIN-YESO	0-5	1.00		70						
JACKSON ABO	6-7	1.77		124			7	95	7	95
LEO QUEEN GBR.	0-5	1.00		70			8	18	8	18
LEO QUEEN GBR,SOUTH	0-5	1.00		70			3	5	3	5
LESLIE SPRING SA	0-5	1.00		70			4	4	4	4
LINDA SA	0-5	1.00		70			6	13	6	13
LOCO HILLS ABO	6-7	1.77		124			2	32	2	32
LOCO HILLS GBR, SA	0-5	1.00	17	70	1190	1959	174	1660	191	4809
LOCO HILLS SA, SOUTH	0-5	1.00		70			1	6	1	6
LOCO HILLS QUEEN	0-5	1.00		70			2	19	2	19
LOCO HILLS WOLFCAMP	8-9	3.00		210						
LOGAN DRAW SA	0-5	1.00		70			2	8	2	8

LUSK STRAWN (160)	11-12	8.67		607			18	292	18	292
LUSK YATES-EDDY	0-5	1.00		70			2	9	2	9
LUSK YATES, WEST	0-5	1.00		70			3	16	3	16
MALAGA DELAWARE	0-5	1.00		70			13	49	13	49
MALJAMAR GBR.SA EDDY	0-5	1.00	1	70	70	1	29	476	30	547
MASON DEL.NORTH EDDY	0-5	1.00		70			24	208	24	208
MCMILLAN SR,QUEEN	0-5	1.00		70			9	17	9	17
MCMILLAN SR, WEST	0-5	1.00		70			1	1	1	1
MCMILLAN SR,Q,EAST	0-5	1.00		70			1	5	1	5
MCMILLAN SR,Q,WEST	0-5	1.00		70			3	4	3	4
MESQUITE STRAWN	11-12	5.67		397			1	6	1	6
MILLMAN GBR.	0-5	1.00		70			5	18	5	18
MILLMAN Q.GBR,EAST	0-5	1.00	1	70	70	7	44	394	45	471
MILLMAN SR, EAST	0-5	1.00		70			15	26	15	26
PALMILLO SEVEN RIVERS	0-5	1.00		70			1	6	1	6
PARALLEL DELAWARE	7-8	2.33		164			2	39	2	39
PARKWAY-STRAWN (160)	10-11	7.67		537			1	25	1	25
PCA YATES	0-5	1.00		70			5	31	5	31
PECOS DELAWARE	0-5	1.00		70			1	6	1	6
PECOS SAN ANDRES	0-5	1.00		70			3	4	3	4
PENASCO DRAW-SA-YESO	0-5	1.00		70			24	196	24	196
PENASCO WOLFCAMP	5-6	1.33		94			1	6	1	6
POWER-GRAYBURG-SA	0-5	1.00		70			6	272	6	272
RACE TRACK-DEVONIAN	6-7	1.77		124			1	63	1	63
RED HILLS YATES	0-5	1.00		70			2	2	2	2
RED LAKE Q-G-SA	0-5	1.00		70			120	643	120	643
RED LAKE Q.G. EAST	0-5	1.00		70			23	133	23	133
REMUDA WOLFCAMP	11-12	5.67		397			1	7	1	7
REVELATION DELAWARE	0-5	1.00		70			1	11	1	11
ROUND TANK QUEEN	0-5	1.00		70			1	4	1	4
RUSSELL YATES	0-5	1.00		70			24	110	24	110
SALADAR YATES	0-5	1.00		70			8	17	8	17
SAND DUNES CHERRY CANYON	6-7	1.77		124			1	55	1	55
SAND TANK QUEEN	0-5	1.00		70			1	3	1	3
SHUGART DELAWARE	0-5	1.00		70			4	171	4	171

SHUGART YA.SR.Q.GBR	0-5	1.00	6	70	420	25	185	2610	191	3055
SQUARE LAKE GBR.SA	0-5	1.00	8	70	560	252	208	2227	216	3039
SQ.LAKE GBR.SA.,NORTH	0-5	1.00		70			20	455	20	455
SULIMAR QUEEN	0-5	1.00		70			19	511	19	511
TAMANO SAN ANDRES	0-5	1.00		70			2	3	2	3
TURKEY TRACK Q.GBR.	0-5	1.00		70			37	127	37	127
TURKEY TRACK Q,EAST	0-5	1.00		70			4	4	4	4
TURKEY TRACK SR	0-5	1.00		70			4	6	4	6
TWIN LAKES DEVONIAN	7-8	2.33		164			1	75	1	75
TWIN LAKES SA	0-5	1.00		70			6	137	6	137
WHITE RANCH SILURO DEV.	8-9	3.00		210			1	16	1	16
WHITE RANCH DEV.WEST (80)	8-9	4.00		280			1	34	1	34
WINCHESTER WOLFCAMP	9-10	3.77		264			1	12	1	12
UNDESIGNATED & WILDCAT WELLS										
GROUP 4	7-8	2.33	1	164	164		1	144	2	308
GROUP 8	11-12	5.67		397			1	60	1	60
DISTRICT I TOTALS			784		79976		14954	8624	229046	9408	323976
DISTRICT II TOTALS			255		27394	62	3550	2619	27801	2874	58807
GRAND TOTALS			1039		107370	62	18504	11243	256847	12282	382783

June 16th

Complete

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
OCC Exhibit No. 7
NOTICE OF PUBLICATION 4552 (de novo)

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons
having any right, title, interest
or claim in the following cases,
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4503 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico, to a bottom hole-location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom-hole location over other producers.

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4547

Application of Hanson Oil Corporation for
salt water disposal, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4548:

Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefor, including a provision for 640-acre spacing units.

CASE 4549:

Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico.

Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt-San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4550:

Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551:

Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennsylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4553:

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of the following pools:

Aid-Morrow Gas Pool in Township 17 South, Range 28 East, Eddy County,

East Terry-Blinebry Pool in Township 20 South, Range 39 East, Lea County;

and for the extension of the following pools in Lea County:

Arrowhead-Grayburg Pool
North Bagley-Pennsylvanian Pool
Lea-Bone Springs Pool
South McCormack-Silurian Pool
West Sawyer-San Andres Pool
North Vacuum-Abo Pool
Northwest Vacuum-Wolfcamp Pool

and for the extension of the following pools in Eddy County:

Boyd-Morrow Gas Pool
Dagger Draw-Upper Pennsylvanian Pool
Power Grayburg-San Andres Pool

and for the extension of the Double L-Queen Pool in Chaves County.

CASE 4554:

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D, and F, respectively, of Section 27.

CASE 4555:

Application of BTA Oil Producers for expansion of a pressure maintenance project, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenance Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr., Secretary-Director

S E A L

Affidavit of Publication

State of New Mexico
County of Santa Fe } ss.

I, Ruth Hoffman, being firs

duly sworn, declare and say that I am the (Legal Manager (Editor) o The New Mexican, a daily newspaper, published in the English Language and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy of which is hereto attached, was published in said paper once each week for 1 consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspapers proper, and not in any supplement, once each week for 1 weeks consecutively, the first publication on the 4 day of June, 1971; and the last publication on 4 day of June, 1971; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

Ruth Hoffman
Legal Editor-Manager

Subscribed and sworn to before me this 4
day of June, A.D., 1971

Notary Public

My commission
expires August 13, 1974

PUBLISHER'S BILL

287 lines, one time at $ 43.05

..... lines, ... times $.....

Tax $ 1.83

Total $ 44.88

Received Payment,

.....

By .....

Oh -

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE—NEW MEXICO

STATE OF NEW MEXICO TO:
All interested parties.

The Oil Conservation Commission of the State of New Mexico hereby gives public notice that a hearing will be held by the Commission at 9:00 o'clock a.m. on JUNE 16, 1971, for the purpose of setting the allowable production of gas from the following pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for the six-month proration peiod commencing August 1, 1971. Said hearing will be held in Morgan Hall, State Land Office Building, Santa Fe, New Mexico, and shall concern the following established gas pools:

Basin-Dakota Pool
Blanco-Mesaverde Pool
Aztec-Pictured Cliffs Pool
Ballard-Pictured Cliffs Pool
Fulcher Kutz-Pictured Cliffs Pool
South Blanco-Pictured Cliffs Pool
Tapacito-Pictured Cliffs Pool
West Kutz-Pictured Cliffs Pool
Devils Fork-Gallup Pool

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.
Secretary-Director

SEAL

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMISSION
SANTA FE—NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4303 (De Novo):
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire - Abo Pool, Eddy County, New Mexico, to a bottom hole-location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom-hole location over other producers.

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4347:
Application of Hanson Oil Corporation for salt water disposal, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4318:
Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefore including a provision for 640-acre spacing units.

CASE 4319:
Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico.

Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet

28 allowable assigned to any well should not be reduced to offset any advantage gained by said bottom-hole location over other producers.
Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR, ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4547: Application of Hanson Oil Corporation for salt water disposal, Lea County, New Mexico.
Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4548: Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico.
Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefore including a provision for 640-acre spacing and units.

CASE 4549: Application of Tom L. Ingram for an unorthodox gas well location, Roosevelt County, New Mexico.
Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt - San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4550: Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico.
Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551: Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.
Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a location 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Pennsylvanian, undesignated Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable certified in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4553: In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for creation of the following pools:
Ald-Morrow Gas Pool in Township 17 South, Range 28 East, Eddy County.
Terry-Blinebry Pool in Township 20 South, Range 38 East, Lea County.
Extension of the following pools in Lea County:
Arrowhead-Grayburg Pool
North Bagley-Pennsylvanian Pool
Lea-Bone Springs Pool
South McCormack-Silurian Pool
West Sawyer-San Andres Pool
Northwest Vacuum-Abo Pool
Northwest Vacuum-Wolfcamp Pool
and for the extension of the following pools in Eddy County:
Dayton-Morrow Gas Pool
Dagger Draw-Upper Pennsylvanian Pool
Power Grayburg-San Andres Pool
and for the extension of the Double L-Queen Pool in Chaves County.

CASE 4554: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in Township 9 West, Mescalero Ridge Pool in Chaves County, New Mexico, Township 20 North, Range 9 West, Washington Ranch-Wolfcamp Pool in Eddy County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program:
Santa Fe Railroad Wells Nos. 2, 3, and 4 in Unit M of Section 21; Well No. 6 in Unit B of Section 21; and Wells Nos. B, C, E, H, and F, respectively of Section 21.

CASE 4555: Application of ARCO Oil and Gas Company for a pressure maintenance project, Lea County, New Mexico.
Application of ARCO Oil and Gas Company for expansion of its pressure maintenance project in the Vacuum Grayburg-San Andres Pool, Lea County, New Mexico, by the injection of water into its Lockhart A-32 Well No. 1 located in Unit C of Section 32, Township 17 South, Range 34 East, Lea County, New Mexico.

CASE 4556: Application of Amoco Production Company for a pressure maintenance project, Lea County, New Mexico.
Application of Amoco Production Company for expansion of its pressure maintenance project in the Vacuum Grayburg-San Andres Pool, Lea County, New Mexico, by the injection of water into its Vacuum Grayburg-San Andres Unit Well No. 1 located in Unit A of Section 1, Township 18 South, Range 34 East, Lea County, New Mexico.

CASE 4557: Application of Amoco Production Company for a pressure maintenance project, Lea County, New Mexico.
Application of Amoco Production Company for expansion of its pressure maintenance project in the Vacuum Grayburg-San Andres Pool, Lea County, New Mexico, by the injection of water into its Vacuum Grayburg-San Andres Unit Well No. 1 located in Unit A of Section 1, Township 18 South, Range 34 East, Lea County, New Mexico.

from the East line of Section 15, Township 8 South, Range 37 East, Bluitt - San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4550:
Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551:
Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennsylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552:
In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4553:
In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of the following pools:

Ald-Morrow Gas Pool in Township 17 South, Range 28 East, Eddy County.

East Terry-Blinebry Pool in Township 20 South, Range 39 East, Lea County;

and for the extension of the following pools in Lea County:

Arrowhead-Grayburg Pool
North Bagley-Pennsylvanian Pool
Lea-Bone Springs Pool
South McCormack-Silurian Pool
West Sawyer-San Andres Pool
North Vacuum-Abo Pool
Northwest Vacuum-Wolfcamp Pool

and for the extension of the following pools in Eddy County:

Boyd-Morrow Gas Pool
Dagger Draw-Upper Pennsylvanian Pool
Power Grayburg-San Andres Pool

and for the extension of the Double L-Queen Pool in Chaves County.

CASE 4554:
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C F, D and F, respectively of Section 27.

CASE 4555:
Application of BTA Oil Producers for expansion of a pressure maintenance project Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenance Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.
Secretary-Director

SEAL

Legal No. 7404, Pub. June 4, 1971).

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE—NEW MEXICO

STATE OF NEW MEXICO TO:
All interested parties.

The Oil Conservation Commission of the State of New Mexico hereby gives public notice that a hearing will be held by the Commission at 9:00 o'clock a.m. on JUNE 16, 1971, for the purpose of setting the allowable production of gas from the following pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for the six-month proration peiod commencing August 1, 1971. Said hearing will be held in Morgan Hall, State Land Office Building, Santa Fe, New Mexico, and shall concern the following established gas pools:

Basin-Dakota Pool
Blanco-Mesaverde Pool
Aztec-Pictured Cliffs Pool
Ballard-Pictured Cliffs Pool
Fulcher Kutz-Pictured Cliffs Pool
South Blanco-Pictured Cliffs Pool
Tapacito-Pictured Cliffs Pool
West Kutz-Pictured Cliffs Pool
Devils Fork-Gallup Pool

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

SEAL

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMISSION
SANTA FE—NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4303 (De Novo):
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire - Abo Pool, Eddy County, New Mexico, to a bottom hole-location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom-hole location over other producers.
Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4547:
Application of Hanson Oil Corporation for salt water disposal, Lea County, New Mexico.
Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4038 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 18 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4548:
Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico.
Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefore including a provision for 640-acre spacing units.

CASE 4549:
Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico.

Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt - San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4550:
Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551:
Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennsylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552:
In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4553:
In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of the following pools:

Aid-Morrow Gas Pool in Township 17 South, Range 28 East, Eddy County.

East Terry-Blinebry Pool in Township 20 South, Range 39 East, Lea County;

and for the extension of the following pools in Lea County:

Arrowhead-Grayburg Pool
North Bagley-Pennsylvanian Pool
Lea-Bone Springs Pool
South McCormack-Silurian Pool
West Sawyer-San Andres Pool
North Vacuum-Abo Pool
Northwest Vacuum-Wolfcamp Pool

and for the extension of the following pools in Eddy County:

Boyd-Morrow Gas Pool
Dagger Draw-Upper Pennsylvanian Pool
Power Grayburg-San Andres Pool

and for the extension of the Double L-Queen Pool in Chaves County.

CASE 4554:
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D and F, respectively of Section 27.

CASE 4555:
Application of BTA Oil Producers for expansion of a pressure maintenance project Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenance Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 8 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.
Secretary-Director

SEAL

Legal No. 7404, Pub. June 4, 1971).

Ok —

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

I, Robert L. Summers

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

of _____

One weeks.

Beginning with the issue dated

June 3, 19 71

and ending with the issue dated

June 3, 19 71

Robert L. Summers
Publisher.

Sworn and subscribed to before me this 3rd day of

June, 19 71

M. L. Bruns
Notary Public.

My Commission expires

3-17, 1972

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
June 3, 1971

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clok a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4503 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico, to a bottom hole location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom-hole location over other producers.

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4547
Application of Hanson Oil Corporation for salt water disposal, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4550:
Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551:
Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennsylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gass produced with the current oil allowable determined in acordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4553:

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of the following pools:

Aid-Morrow Gas Pool in Township 17 South, Range 28 East, Eddy County,
East Terry-Blineberry Pool in Township 20 South, Range 39 East, Lea County;

and for the extension of the following pools in Lea County:

Arrow-head-Grayburg Pool
North Bagley-Pennsylvanian Pool
Lea-Bone Springs Pool
South McCormack-Silurian Pool
West Sawyer-San Andres Pool
North Vacuum-Abo Pool
Northwest Vacuum-Wolfcamp Pool

and for the extension of the following pools in Eddy County:

Boyd-Morrow Gas Pool
Dagger Draw-Upper Pennsylvanian Pool
Power Grayburg-San Andres Pool

and for the extension of the Double L-Queen Pool in Chaves County.

cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "33" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4548:

Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico.

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CASE 4549:

Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico.

Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt-San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4554:

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in acordance with a Commission - approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D, and F, respectively, of Section 27.

CASE 4555:

Application of BTA Oil Producers for expansion of a pressure maintenance project, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenance Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

(SEAL)

Affidavit of Publication

No. 4830

STATE OF NEW MEXICO,
County of Eddy:

James K. Green being duly sworn, says: That he is the publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached legal notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for one consecutive ~~weeks~~/days on the ~~same~~ day as follows:

First Publication May 31, 1971

Second Publication

Third Publication

Fourth Publication

and that payment therefore in the amount of $

has been made.

James K. Green

Subscribed and sworn to before me this 2nd day of June, 1971

Rose M. Barbee
Notary Public, Eddy County, New Mexico

My Commission expires August 3, 1974

Copy of Publication

LEGAL NOTICE

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4503 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico, to a bottom hole-location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom-hole location over other producers.

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL

line of Section 35, Township 20 South, Range 24 East, undesignated Pennsylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4553:

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of the following pools:

Aid-Morrow Gas Pool in Township 17 South, Range 28 East, Eddy County,

East Terry-Blinebry Pool in Township 20 South, Range 39 East, Lea County;

and for the extension of the following pools in Lea County:

Arrowhead-Grayburg Pool
North Bagley-Pennsylvanian Pool
Lea-Bone Springs Pool
South McCormack-Silurian Pool
West Sawyer-San Andres Pool
North Vacuum-Abo Pool
Northwest Vacuum-Wolfcamp Pool

and for the extension of the following pools in Eddy County:

Boyd-Morrow Gas Pool
Dagger Draw-Upper Pennsylvanian Pool
Power Grayburg-San Andres Pool

and for the extension of the Double L-Queen Pool in Chaves County.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

(SEAL)

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

Published in the Artesia Daily Press, Artesia, N. M., May 31, 1971, Legal No. 4830.

CASE 4548:

Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules Eddy County, New Mexico.

Application, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefor, including a provision for 640-acre spacing units.

CASE 4550:

Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551:

Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line and 850 feet from the West

AFFIDAVIT OF PUBLICATION

No. 6843

STATE OF NEW MEXICO,
County of San Juan:

Virginia Rodgers being duly

sworn, says: That She is the General Manager of

THE FARMINGTON DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the

hereto attached Legal Notice

was published in a regular and entire issue of the said FARMINGTON DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for 1 ~~XXXXXX~~ (day) ~~XXXX~~ on the same day as follows:

First Publication Thursday, June 3, 1971

Second Publication

Third Publication

Fourth Publication

and that payment therefor in the amount of $ 16.38

has been made.

Virginia Rodgers

Subscribed and sworn to before me this 3 day

of June, 19 71.

Georgia M. McDaniel

NOTARY PUBLIC, SAN JUAN COUNTY, NEW MEXICO

My Commission expires: 1/4/73

Copy of Publication

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE — NEW MEXICO

STATE OF NEW MEXICO TO:
All interested parties.

The Oil Conservation Commission of the State of New Mexico hereby gives public notice that a hearing will be held by the Commission at 9:00 o'clock a.m. on JUNE 16, 1971, for the purpose of setting the allowable production of gas from the following pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for the six-month proration period commencing August 1, 1971. Said hearing will be held in Morgan Hall, State Land Office Building, Santa Fe, New Mexico, and shall concern the following established gas pools:

Basin-Dakota Pool
Blanco-Mesaverde Pool
Aztec-Pictured Cliffs Pool
Ballard-Pictured Cliffs Pool
Fulcher Kutz-Pictured Cliffs Pool
South Blanco-Pictured Cliffs Pool
Tapacito-Pictured Cliffs Pool
West Kutz-Pictured Cliffs Pool
Devils Fork-Gallup Pool

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. Porter Jr.
Secretary-Director

SEAL

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE — NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

THE FOLLOWING CASE WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4552

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. Porter Jr.
Secretary-Director

SEAL

Legal No. 6843 published in the Farmington Daily Times, Farmington, New Mexico on Thursday, June 3, 1971.

AFFIDAVIT OF PUBLICATION

County of Chaves }
State of New Mexico, }

I, R. M. Higginbotham

Manager

Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the clipping hereto attached was published once a week in the regular and entire issue of said paper and not in a supplement thereof for a period

of One (1)

insertion weeks

beginning with the issue dated

June 1, 19 71

and ending with the issue dated

June 1, 19 71

R. M. Higginbotham
Manager

Sworn and subscribed to before me

this 1st day of

June, 19 71

Notary Public

My commission expires

October 21, 19 71

(Seal)

Publish June 1

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4552:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4553:

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of the following pools:

Aid-Morrow Gas Pool in Township 17 South, Range 28 East, Eddy County,

East Terry-Blinebry Pool in Township 20 South, Range 39 East, Lea County;

and for the extension of the following pools in Lea County:

Arrowhead-Grayburg Pool
North Bagley-Pennsylvanian Pool
Lea-Bone Springs Pool
South McCormack-Silurian Pool
West Sawyer-San Andres Pool
North Vacuum-Abo Pool
Northwest Vacuum-Wolfcamp Pool

and for the extension of the following pools in Eddy County:

Boyd-Morrow Gas Pool
Dagger Draw-Upper Pennsylvanian Pool
Power Grayburg-San Andres Pool

and for the extension of the Double L-Queen Pool in Chaves County.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.
Secretary-Director

(SEAL)

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
SANTA FE, NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public. (NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4552:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, JR.,
Secretary-Director

S E A L

(Published June 3, 1971)

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Affidavit of Publication

STATE OF NEW MEXICO,
County of Rio Arriba } ss.

I, Robert Trapp, being first duly sworn, declare and say that I am the Publisher of the Rio Grande Sun, a weekly newspaper, published in the English language, and having a general circulation in the City of Espanola and County of Rio Arriba, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy of which is hereto attached, was published in said paper once each week for 1 consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, once each week for ..... weeks consecutively, the first publication being on the 3 day of June, 19 71 and the last publication on the 3 day of June, 19 71; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

Robert Trapp
Publisher

Subscribed and sworn to before me this 3 day of June, A.D., 19 71

Notary Public

My Commission expires
5-17-73

OK

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4552:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
(SEAL) /s/ A.L. PORTER, Jr.,
Secretary-Director

Sandoval County Times-Independent
June 4, 1971

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO }
COUNTY OF SANDOVAL } ss.

Mary Beth Acuff being duly sworn declares and says that she is the Publishing Director of THE SANDOVAL COUNTY TIMES-INDEPENDENT a newspaper published and having a general circulation in the City of Bernalillo, County of Sandoval and state of New Mexico and duly qualified for that purpose within the meaning of Chapter 167 of the New Mexico Session Laws of 1937; that the publication, a copy of which is hereby attached, was published in said newspaper in the regular edition and entire issue of every number of the paper during the period and time of publication, and that the notice was published in the newspaper proper and not in a supplement.

for ....one.... Consecutive weeks the first publication being on the ....4th....

day of ....June....., 19..71... and the subsequent publications

on....., 19.....

and that payment therefor has been.....(.....19.....)

Mary Beth Acuff

Sworn and subscribed to before me, a Notary Public

this ....4th.... day of .....June....., 19..71

Notary Public

My Commission expires: Sept. 17, 1971

OK

LEGAL NOTICE
NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE — NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

The following cases will be heard before DANIEL S. NUTTER, EXAMINER, or ELVIS A. UTZ, ALTERNATE EXAMINER, in the OIL CONSERVATION COMMISSION CONFERENCE ROOM on the second floor of the LAND OFFICE BUILDING at 10:30 a.m.:

CASE 4549:

Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico.

Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt-San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4552:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Sub GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

(SEAL)

My Published in Portales News-Tribune June 3, 1971. Legal No. 220

Affidavit of Publication

I, M.M. Stinnett

Business Manager of

THE PORTALES NEWS-TRIBUNE

a newspaper of general paid circulation and entered under second class postal privilege in Roosevelt County, published daily, (except Saturday) at Portales, New Mexico, for the fifty-two (52) consecutive weeks preceding this date, do solemnly swear that a copy of the above notice, as per clipping attached, was published weekly in the regular and entire issue of said newspaper, and not in any supplement thereof for 1 consecutive weeks commencing with the issue dated June 3, 19 71

and ending with the issue dated 19

All publication costs having been paid.

M.M. Stinnett

Sub Subscribed and sworn to before me this 3rd day of June 19 71

My

Legal Notice

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated).

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4552:
In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4551:
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash - Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D and F respectively, of Section 27.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

SEAL

Legal No. 4479 published in the Gallup Independent Tuesday June 1, 1971.

Legal Notice

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JUNE 16, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated).

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4552:
In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4551:
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash - Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D and F respectively, of Section 27.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 27th day of May, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

SEAL

Legal No. 4479 published in the Gallup Independent Tuesday June 1, 1971.

Affidavit of Publication

STATE OF NEW MEXICO,
) ss:
COUNTY OF McKINLEY

NORMAN VAN LIEW being duly sworn upon his oath, deposes and says:

That he is ADVERTISING MANAGER of the Gallup Independent, a newspaper published in and having a general circulation in McKinley County, New Mexico, and in the City of Gallup, therein; that this affiant makes this affidavit based upon his own personal knowledge of the facts herein sworn to. That the publication, a copy of which is hereto attached was published in said newspaper during the period and time of publication and said notice was published in the newspaper proper, and not in a supplement thereof, for ONE weeks consecutively, the first publication being on the 1st day of June, 19 71 the second publication being on the ..... day of ....., 19..... the third publication on the ..... day of ....., 19.....

and the last publication being on the ..... day of ....., 19.....

That such newspaper, in which such notice or advertisement was published, is now and has been at all times material hereto, duly qualified for such purpose, and to publish legal notices and advertisements within the meaning of Chapter 12, of the statutes of the State of New Mexico, 1941 compilation.

Norman C. Van Liew
Affiant.

Sworn and subscribed to before me this 17th day of June, D., 19 71

Margaret M. Palochak
Notary Public.

My commission expires
8-27-73

July 21 —

Phillips Missing

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
OCC Exhibit No. 8
Case No. 4552 (de novo)

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons
having any right, title, interest
or claim in the following cases,
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr., Secretary-Director

S E A L

Affidavit of Publication

State of New Mexico } ss.
County of Santa Fe }

I, Geneva Jansen, being first duly sworn, declare and say that I am the (Legal Manager (~~Editor~~) of The New Mexican, a daily newspaper, published in the English Language, and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy of which is hereto attached, was published in said paper once each week for ....1..... consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspapers proper, and not in any supplement, once each week for ....1..... weeks consecutively, the first publication on the ....8th... day of .....July....., 19.71..; and the last publication on ..... day of ....., 19.....; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

Geneva Jansen
Legal Editor-Manager

Subscribed and sworn to before me this ....8th.....
day of .....July....., A.D., 1971.....

Notary Public

My commission expires August 8, 1974

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
SANTA FE—NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Nove):
In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced. Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Nove under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, JR.,
Secretary-Director

SEAL

(Legal No. 7493, Pub. July 8, 1971).

LL

48 lines, one time at $ 7.20

..... lines, ... times $.....

Tax $ .31

Total $ 7.51

Received Payment,

.....

By .....

Oil

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

I, ROBERT L. SUMMERS

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

of _____

One weeks.

Beginning with the issue dated

July 8, 19 71

and ending with the issue dated

July 8, 19 71

Publisher.

Sworn and subscribed to before me this 8th day of July, 19 71

Notary Public.

My Commission expires 3-17 19 73

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
July 8, 1971

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Novo):
In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

(SEAL)

Affidavit of Publication

No. 4861

STATE OF NEW MEXICO,
County of Eddy:

James K. Green being duly sworn, says: That he is the publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached legal notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for one ~~consecutive weeks/days~~ ~~on the same day~~ as follows:

First Publication July 2, 1971

Second Publication

Third Publication

Fourth Publication

and that payment therefore in the amount of $

has been made.

James K. Green

Subscribed and sworn to before me this 8 day of July, 1971

Notary Public, Eddy County, New Mexico

My Commission expires August 3, 1974

Copy of Publication

LEGAL NOTICE

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
SANTA FE -- NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

(SEAL)

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

Published in the Artesia Daily Press, Artesia, N. M., July 2, 1971. Legal No. 4861

AFFIDAVIT OF PUBLICATION

No. 6886

STATE OF NEW MEXICO,
County of San Juan:

Virginia Rodgers being duly sworn, says: That She is the General Manager of THE FARMINGTON DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal NOtice

was published in a regular and entire issue of the said FARMINGTON DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for 1 (day) on the same day as follows:

First Publication Friday, July 2, 1971

Second Publication

Third Publication

Fourth Publication

and that payment therefor in the amount of $ 8.58 has been made.

Virginia Rodgers

Subscribed and sworn to before me this 5 day of July, 19 71.

Georgia W. McKee

NOTARY PUBLIC, SAN JUAN COUNTY, NEW MEXICO

My Commission expires: 1/4/73

Copy of Publication

CK

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE — NEW MEXICO

The State of New Mexico, by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

Case 4552 (De Novo)

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr., Secretary-Director

(SEAL)

Legal No. 6886 published in the Farmington Daily Times, Farmington, New Mexico on Friday, July 2, 1971.

AFFIDAVIT OF PUBLICATION

County of Chaves
State of New Mexico, }

I, R. M. Higginbotham

Manager

Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the clipping hereto attached was published once a week in the regular and entire issue of said paper and not in a supplement thereof for a period

of One (1)

insertion ~~weeks~~

beginning with the issue dated .....

July 2, ... 19 71

and ending with the issue dated .....

July 2, ... 19 71

R. M. Higginbotham
Manager

Sworn and subscribed to before me

this 2nd day of .....

July 19 71

Jean Bar Pitt
Notary Public

My commission expires .....

October 1, 19 71
(Seal)

71 JUL 7 PM 1 31

Publish July 2

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA — NEW MEXICO

The State of New Mexico by its Oil Conservation Commission herby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.
Secretary-Director

SEAL

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

SEAL

(Published July 1, 1971)

BILL

time at $.8.40.....

..times, $.....

ub-Total $.8.40.....

Tax $.....T.E.....

otal . . . $.8.40.....

SUN

Affidavit of Publication

STATE OF NEW MEXICO,
County of Rio Arriba } ss.

I, Robert Trapp, being first duly sworn, declare and say that I am the Publisher of the Rio Grande Sun, a weekly newspaper, published in the English language, and having a general circulation in the City of Espanola and County of Rio Arriba, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy of which is hereto attached, was published in said paper once each week for .....1..... consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, once each week for .....1..... weeks consecutively, the first publication being on the .....1..... day of .....July....., 19.71 and the last publication on the .....1..... day of .....July....., 19.71; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

.....Robert Trapp.....
Publisher

Subscribed and sworn to before me this .....1.....
day of .....July....., A.D., 19.71

.....
Notary Public

My Commission expires

.....5-1-73.....

616

NOTICES

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
(SEAL A.L. PORTER, Jr., Secretary-Director

Sandoval County Times-Independent
July 2, 1971

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO } SS.
COUNTY OF SANDOVAL }

Mary Beth Acuff being duly sworn declares and says that she is the Publishing Director of THE SANDOVAL COUNTY TIMES-INDEPENDENT a newspaper published and having a general circulation in the City of Bernalillo, County of Sandoval and state of New Mexico and duly qualified for that purpose within the meaning of Chapter 167 of the New Mexico Session Laws of 1937; that the publication, a copy of which is hereby attached, was published in said newspaper in the regular edition and entire issue of every number of the paper during the period and time of publication, and that the notice was published in the newspaper proper and not in a supplement.

for....one....Consecutive weeks the first publication being on the 2nd.... day of July....., 19.71..... and the subsequent publications on....., 19.....

and that payment therefor has been.....(.....19.....)

Mary Beth Acuff

Sworn and subscribed to before me, a Notary Public this ....2nd... day of .....July....., 19.71

Notary Public

My Commission expires: Sept. 17, 1971

LEGAL NOTICE
NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE—NEW MEXICO

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on JULY 21, 1971, MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following cases, and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian, whether or not so stated.)

CASE 4552 (De Novo):

In the matter of the hearing called by the Oil Conservation COMMISSION UPON ITS OWN MOTION TO CONSIDER THE AMENDMENT OF Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Upon application of Wolfson Oil Company, MKA Oil Properties, John H. Hendrix, and Bruce A. Wilbanks, this case will be heard De Novo under the provisions of Rule 1220.

GIVEN under the seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of June, 1971.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
A. L. PORTER, Jr.,
Secretary-Director

(SEAL)

Published in Portales News-Tribune July 6, 1971. Legal No. 249

Affidavit of Publication

I, M.M.Stinnett

Business Manager of

THE PORTALES NEWS-TRIBUNE

a newspaper of general paid circulation and entered under second class postal privilege in Roosevelt County, published daily, (except Saturday) at Portales, New Mexico, for the fifty-two (52) consecutive weeks preceding this date, do solemnly swear that a copy of the above notice, as per clipping attached, was published weekly in the regular and entire issue of said newspaper, and not in any supplement thereof for 1 consecutive weeks commencing with the issue dated July 6, 19 71

and ending with the issue dated 19

All publication costs having been paid.

M.M.Stinnett

Subscribed and sworn to before me this 6th day of July 19 71

Evelyn Lee Fields

My commission expires 7-11-73 19

Notary Public

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. OCC
Case No. 4552 (de novo)

Docket No. 12-71

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 16, 1971

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

ALLOWABLE: (1) Consideration of the oil allowable for July and August, 1971;

(2) Consideration of the allowable production of gas for July, 1971, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for July, 1971; also presentation of purchaser's nominations for the six-month period beginning August 1, 1971, for that area.

CASE 4487: (De Novo) This case will be continued to the August 18, 1971, Regular Hearing.

Application of Pennzoil United, Inc., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Strawn formation underlying the W/2 of Section 6, Township 23 South, Range 27 East, South Carlsbad-Strawn Gas Pool, Eddy County, New Mexico, said acreage to be dedicated to the Morris R. Antweil Joell Well No. 1 located 660 feet from the North line and 1980 feet from the West line of said Section 6. Also to be considered will be the cost of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

Upon application of Pennzoil United, Inc., this case will be heard De Novo under the provisions of Rule 1220.

CASE 4503: (De Novo)
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico, to a bottom hole-location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom hole location over other producers.

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

CASE 4547: Application of Hanson Oil Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.

CASE 4548: Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefor, including a provision for 640-acre spacing units.

CASE 4549: Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluitt-San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.

CASE 4550: Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.

CASE 4551: Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line

(Case 4551 continued)

and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennyslvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4554: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 and in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D, and F, respectively, of Section 27.

CASE 4555: Application of BTA Oil Producers for expansion of a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenence Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

CASE 4556: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Eddy and Chaves Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Aid-Morrow Gas Pool. The discovery well is Pennzoil United,

(Case 4553 continued)

Inc., Aid State No. 1 located in Unit A of Section 24, Township 17 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: N/2

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the East Terry-Blinebry Pool. The discovery well is Mark Production Company, Conoco Federal No. 2 located in Unit J of Section 30, Township 20 South, Range 39 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM
SECTION 30: SE/4

(c) Extend the Arrowhead-Grayburg Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 20: NW/4

(d) Extend the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 5: SE/4

(e) Extend the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 10: S/2

(f) Extend the Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 30: W/2 W/2

(g) Extend the Double L-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
SECTION 23: SE/4 SE/4

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 12: NW/4 NE/4

(h) Extend the Lea-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4

(i) Extend the South McCormack-Silurian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: NW/4

(j) Extend the Power Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: SW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 6: NW/4 NW/4

(k) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: SE/4

(l) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 13: NE/4
SECTION 15: S/2 SW/4
SECTION 23: W/2

(m) Extend the Northwest Vacuum-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

BTA Oil Producers
De Novo Hearing
July 21, 1971

Vada Penn Pool
Lea & Roosevelt County, Texas
Summary of Production from BTA Wells
Before & After Rate Cuts

Lease	Before Cut Avg. BOPD	Before Cut Avg. MCFPD	After Cut Avg. BOPD	After Cut Avg. MCFPD
Starman	325	3,430	110	1,850
Nilo	330	1,810	208	1,480
Intex	260	1,640	97	870
Coll	215	1,755	97	1,000
Capitan	260	1,480	100	980
Off	140	1,220	86	1,120
Cities	290	1,500	138	900
Barton	240	1,100	155	585
Cap	375	2,283	219	1,755
Feather	200	1,327	152	1,025
Cinco	190	1,110	185	1,090
Farms	220	1,440	149	610
KGS	100	1,380	98	995
TOTAL	3,145	21,475	1,794	14,260

	Before	After
GOR Change	6828/1	7948/1 (16%)

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
BTA Exhibit No. 1
Case No. .....

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
OCC Exhibit No. 1
Case No. 4552 (de novo)

DISTRICT I - FEBRUARY 1971

POOL		ALLOWED	PRODUCED	EXCESS
BAGLEY PENN-NORTH				
Tipperary Resources				
Dolly 1-J	17-11-33	25424	27607	2183
Warren A-State 1-I	28-11-33	25424	31444	6020
BLINEBRY				
Acomo Oil Corp.				
S. J. Sarkey B 1-B	26-21-37	17976	22322	4346
J. R. Cone				
Eubanks 3-K	14-21-37	17976	18740	764
Continental Oil Co.				
Hawk B-10 10-C	10-21-37	17976	20175	2199
Lockhart A-27 11-H	27-21-37	17976	22791	4815
J. H. Nolan 3-K	11-21-37	17976	19752	1776
State 10 2-E	10-21-37	17976	22625	4649
Getty Oil Co.				
S. J. Sarkeys 2-D	26-21-37	17976	18656	680
State S 7-D	15-21-37	17976	20951	2975
D. A. Williamson 3-F	23-21-37	17976	19319	1343
John L. Hendrix				
Danglade 2-A	24-22-37	17976	35316	17340
Marathon Oil Company				
J. L. Muncy 4-H	24-22-37	17976	19804	1828
Shell Oil Co.				
Grizzell 6-I	8-22-37	17976	22909	4933
Sarkeys 1-M	23-21-37	17976	21165	3189
Sun Oil Co.				
State Land 15 3-O	16-21-37	17976	25615	7639
BOUGH PERMO PENN				
Coquina Oil Corp.				
Federal 13 1-D	13-9-35	16912	21092	4180
Tenneco Oil Co.				
Jack Markham 1-O	11-9-35	16912	20115	3203
Jack Markham 2-P	11-9-35	16912	18428	1516
BRUNSON ELLENBURGER				
Marathon Oil Co.				
L. G. Warlick 5-O	15-21-37	10472	15519	5047
CATO SAN ANDRES				
Amoco Prod. Co.				
Crosby H 1-E	9-8-30	4480	7330	2850
Crosby A Fed. 1-P	8-8-30	4480	8991	4511
Eugene E. Nearburg				
Skinner Fed. 1-A	8-8-30	4480	6081	1601
Union Texas Petroleum				
Baskett 2-E	11-8-30	4480	8201	3721
Baxter Fed. 4-H	8-8-30	4480	5409	929
Baxter Fed. 5-J	8-8-30	4480	5409	929
Baxter Fed. 6-G	8-8-30	4480	4977	497
Crosby 6-P	9-8-30	4480	11213	6733
Crosby 8-F	9-8-30	4480	9344	4864
Crosby 9-L	9-8-30	4480	9716	5236

POOL		ALLOWED	PRODUCED	OVER
CHAVEROO SAN ANDRES (ROOSEVELT)				
Midwest Oil Corp.				
Morgan Fed. Tr. 3 B	7-P 14-7-33	4480	4490	10
DOUBLE L QUEEN				
Amoco Prod. Co.				
State EK 1-N	25-14-29	4480	5300	820
DRINKARD				
Amerada Division-Amerada Hess Corp.				
H. Corrigan 5-G	4-22-37	7952	9387	1435
State DA 2-K	16-21-37	7952	15489	7537
E. W. Walden 4-L	16-21-37	7952	8571	619
Amoco Prod. Co.				
St. C Tr. 12 4-F	16-21-37	7952	8138	186
Atlantic Richfield Co.				
S. J. Sarkeys 2-O	23-21-37	7952	8544	592
Continental Oil Co.				
Hawk A 3-E	9-21-37	7952	10648	2696
Hawk A 6-G	8-21-37	7952	8626	674
Hawk B-1 8-O	9-21-37	7952	8587	635
Lockhart A-27 5-A	27-21-37	7952	24026	16074
Lockhart A-27 9-E	27-21-37	7952	11989	4037
Lockhart A-27 11-H	27-21-37	7952	10350	2398
Lockhart A-35 3-C	35-21-37	7952	14400	6448
State 10 3-D	10-21-37	7952	8882	930
Getty Oil Co.				
S. J. Sarkeys 2-D	26-21-37	7952	9359	1407
State S 1-D	15-21-37	7952	9181	1229
Gulf Oil Co.				
Central Drk. Ut. 108-H	29-21-37	7952	47160	39208
Central Drk. Jt. 116-L	28-21-37	7952	19040	11088
Harry Leonard NCT-E 2-H	16-21-37	7952	15785	7833
Harry Leonard NCT-E 3-B	16-21-37	7952	12643	4691
Hanson Oil Corp.				
Max Gutman 2-L	19-22-38	7952	9294	1342
Max Gutman 5-N	19-22-38	7952	17425	9473
Harper Oil Co.				
Sarkeys 1-G	26-21-37	7952	37311	29359
John L. Hendrix				
J. L. Greenwood 8-K	9-22-37	7952	12200	4248
J. L. Greenwood 9-J	9-22-37	7952	16234	8282
J. L. Greenwood 10-P	9-22-37	7952	17400	9448
Karoles 1-L	23-22-37	7952	8047	95
S. E. Long 2-J	11-22-37	7952	26273	18321
M. E. Wantz 5-K	21-21-37	7952	12100	4148
M. E. Wantz 12-M	12-21-37	7952	9224	1272
Mobil Oil Corp.				
Marshall Com 2-F	34-21-37	7952	15993	8041
E. F. Moran, Inc.				
E. M. Elliott 1-E	35-21-37	7952	8942	990
Phillips Oil Co.				
Sims 2-E	24-22-37	7952	23286	15334
Shell Oil Co.				
Argo 1-M	15-21-37	7952	13985	11433
Livingston 1-S	3-21-37	7952	10432	2480
Turner 1-P	22-21-37	7952	14818	6866
Turner 12-K	22-21-37	7952	8913	961

POOL		ALLOWED	PRODUCED	OVER	
DRINKARD					
Sohio Oil Co.					
Penrose 4-E	9-22-37	7952	8498	546	
Sun Oil Co.					
Elliott A 1-A	21-21-37	7952	25213	17261	
Elliott A 2-H	21-21-37	7952	14805	6853	
Texas Pacific Oil Co., Inc.					
Boyd Y 2-H	23-22-37	7952	11450	3498	
Boyd 5-B	23-22-37	7952	10743	2791	
S. E. Cone 1-J	26-21-37	7952	8382	430	
Elliott A-15 2-J	15-22-37	7952	8283	331	
Elliott B-9 3-D	9-22-37	7952	20979	13027	
Elliott B-15 4-A	15-22-37	7952	27285	19333	
Bruce A. Wilbanks					
Brunson C 4-J	3-22-37	7952	10568	2616	
Brunson C 5-O	3-22-37	7952	10484	2532	
Brunson C 6-I	3-22-37 March 30 oil	7952 8804	48242 56,307	40290	50,303
Brunson C 7-P	3-22-37	7952	10141	2189	
Wolfson Oil Co.					
Grizzell 2-P	5-22-37	7952	22520	14568	
Thomas Long 2-M	11-22-37	7952	30350	22398	
Thomas Long 1-N	11-22-37	7952	8130	178	
Thomas Long 3-K	11-22-37	7952	9875	1923	
Thomas Long 4-L	11-22-37	7952	29950	21998	
Guy R. Zachry					
Downes 2-C	5-22-37	7952	10884	2932	
L. E. Grizzell 3-A	8-22-37	7952	11535	3583	
EUNICE G-SA					
Amerada Division-Amerada Hess Corp.					
State W 1-H	30-20-37	13440	21819	8379	
EUNICE SOUTH 7-R QUEEN					
Cities Service Oil Co.					
State H 1-A	17-22-36	22400	38890	16490	
Texas Pacific Oil Co., Inc.					
State A a/c2 50-A	9-22-36	22400	30322	7922	
State A a/c-2 14-B	11-22-36	22400	30161	7761	
Wolfson Oil Co.					
State H 3-B	17-22-36	22400	35302	12902	
State H 4-G	17-22-36	22400	23535	1135	
FOWLER DEVONIAN					
Gulf Oil Co.					
S. J. Carr 6-L	10-24-37	10472	18029	7557	
J. R. Holt NCT-A 3-G	16-24-37	10472	12203	1731	
HOBBS DRINKARD					
Amerada Division-Amerada Hess Corp.					
State A 5-A	32-18-38	18648	27317	8669	
HOBBS EAST SAN ANDRES					
Martindale Petroleum					
D. F. Fergason 1-H	30-18-39	4480	7343	2863	
HOBBS G-SA					
Amerada Division-Amerada Hess Corp.					
State A 1-B	32-18-38	7840	15430	7590	
Amoco Prod. Co.					
Byers B 8-B	4-19-38	7840	8440	600	
Byers B 11-A	4-19-38	7840	8330	490	
Byers B 26-H	4-19-38	7840	8460	620	

POOL		ALLOWED	PRODUCED	OVER
HOBBS G-SA				
Amoco Prod. Co.				
Byers B 33-C	4-19-38	7840	26188	18348
McKinley 1-C	5-19-38	7840	8838	998
McKinley 29-E	5-19-38	7840	7967	127
State A 12-P	4-19-38	7840	7965	125
Chevron Oil Co.				
State 1-29 3-P	29-18-38	7840	11449	3609
Continental Oil Co.				
State A-33 4-J	33-18-38	7840	15116	7276
State A-33 5-O	33-18-38	7840	17589	9749
State A-33 7-G	33-18-38	7840	10705	2865
Marathon Oil Co.				
St. Land Sec. 30 2-N	30-18-38	7840	9700	1860
St. Land Sec. 30 9-M	30-18-38	7840	13361	5521
St. Sec. 32 2-P	32-18-38	7840	13481	5641
St. Sec. 32 3-I	32-18-38	7840	9196	1356
St. Sec. 32 4-J	32-18-38	7840	13615	5775
Samedan Oil Corp.				
Moon B 1-H	28-18-38	7840	9872	2032
Moon B 2-A	28-18-38	7840	8411	571
Shell Oil Co.				
Grimes 1-M	28-18-38	7840	9964	2124
Grimes 3-K	28-18-38	7840	10819	2979
State A 4-G	32-18-38	7840	11399	3559
State B 1-D	33-18-38	7840	12895	5055
State B 2-C	33-18-38	7840	10801	2961
Skelly Oil Co.				
B. H. Turner 1-F	34-18-38	7840	8395	555
Sun Oil Co.				
H. D. McKinley 1-A	5-19-38	7840	18258	10418
Texaco, Inc.				
N.M. DD B C St. 4-B	25-18-37	7840	9267	1427
JALMAT YATES 7-R				
Gulf Oil Co.				
J. F. Janda NCT-F 8-C	4-22-36	22400	53002	30602
JUSTIS BLINEBRY				
Amerada Division-Amerada Hess Corp.				
Ida Wimberly 17-C	25-25-37	17976	57384	39408
Continental Oil Co.				
State A 2 2-J	2-25-37	17976	32043	14067
Getty Oil Co.				
A. B. Coates C 14-G	24-25-37	17976	20334	2358
A. B. Coates C 27-K	24-25-37	17976	20841	2865
Gulf Oil Co.				
Arnott Ramsay NCT-F 5-A	36-25-37	17976	23785	5809
Learcy McBuffington 5-J	13-25-37	17976	23827	5851
Shell Oil Co.				
State JM L-B	2-25-37	17976	25009	7033
State JP 1-C	2-25-37	17976	22921	4945

POOL		ALLOWED	PRODUCED	OVER
JUSTIS BLINEBRY				
Texaco, Inc.				
L. Erwin B Fed. 2-J	35-24-37	17976	20080	2104
L. Erwin B Fed. 3-I	35-24-37	17976	20077	2101
C. C. Fristoe B Fed. 13-O	26-24-37	17976	19327	1351
Texas Pacific Oil Co., Inc.				
Langlie B 2-H	11-25-37	17976	23581	5605
Wimberly 2-A	23-25-37	17976	21577	3601
Wimberly 3-H	23-25-37	17976	18575	599
Union Texas Petroleum				
Carlson A 3-N	25-25-37	17976	20674	2698
Langie B 1-P	14-25-37	17976	29351	11375
JUSTIS FUSSELMAN				
Getty Oil Co.				
A. B. Coates D 2-N	24-25-37	10472	10499	27
JUSTIS MONTOYA				
Getty Oil Co.				
A. B. Coates C 22-B	24-25-37	10472	11689	1217
JUSTIS TUBB DRINKARD				
Atlantic Richfield Co.				
Wimberly WN 4-E	24-25-37	5992	10125	4533
Getty Oil Co.				
A. B. Coates C 14-G	24-25-37	5992	11426	5434
A. B. Coates D 2-N	24-25-37	5992	11271	5279
Shell Oil Co.				
State JM 1-B	2-25-37	5992	10539	4547
State JP 1-C	2-25-37	5992	6837	845
Texas Pacific Oil Co., Inc.				
Wimberly 3-H	23-25-37	5992	7619	1627
KEMNITZ LOWER WOLFCAMP				
Tenneco Oil Co.				
Kemnitz WC Ut. 28-K	30-16-34	25424	40126	14702
MONUMENT BLINEBRY				
Gulf Oil Co.				
G. C. Matthews 11-1	6-20-37	5992	32266	26274
John L. Hendrix				
Cooper B 10-D	7-20-37	5992	7500	1508
MONUMENT G-SA				
Amerada Division-Amerada Hess Corp.				
W. P. Byrd 2-G	12-20-36	6720	8232	1512
W. P. Byrd 5-F	12-20-36	6720	10955	4235
M. E. Gaither 1-I	34-19-36	6720	17086	10366
J. R. Phillips A 2-H	31-19-37	6720	7562	842
State D 3-F	1-20-36	6720	14836	8116
State J 1-O	2-20-36	6720	13158	6438
State J 2-J	2-20-36	6720	7032	312
State J 3-K	2-20-36	6720	12574	5854
State M 1-F	2-20-36	6720	13666	6946
State S 1-N	2-20-36	6720	13103	6383
State S 2-M	2-20-36	6720	9589	2869

POOL		ALLOWED	PRODUCED	OVER
MONUMENT G-SA				
Amerada Division-Amerada Hess Corp.				
W. A. Weir 4-F	35-19-36	6720	17090	10370
W. A. Weir 6-C	35-19-36	6720	6954	234
W. A. Weir 8-D	35-19-36	6720	11555	4835
State I 1-C	2-20-36	6720	13356	6636
Atlantic Richfield Co.				
William P. Byrd 3-K	11-20-36	6720	14290	7570
William P. Byrd 4-F	11-20-36	6720	9631	2911
J. R. Phillips B 1-C	31-19-37	6720	17057	10337
Cities Service Oil Co.				
Laughlin 1-J	5-20-37	6720	8293	1573
Reed A-3 1-A	3-20-36	6720	7923	1203
Millard Deck				
Anderson 9-F	17-20-37	6720	14098	7378
Getty Oil Co.				
State H 1-L	32-19-37	6720	7856	1136
Gulf Oil Co.				
Theodore Anderson 2-C	17-20-37	6720	32223	25503
Theodore Anderson 7-H	17-20-37	6720	31038	24318
Graham NCT-C 1-J	24-19-36	6720	9790	3070
Graham St. NCT-C 5-B	24-19-36	6720	10217	3497
Graham St. NCT-C 6-O	24-19-36	6720	8853	2133
G. C. Matthews 5-J	6-20-37	6720	8682	1962
Bertie Whitmire 1-G	8-20-37	6720	16659	9939
Bertie Whitmire 3-F	8-20-37	6720	28140	21420
John L. Hendrix				
Cooper 8 8-P	12-20-36	6720	25083	18363
Cooper B 5-I	12-20-36	6720	21400	14680
Alaska Cooper 1-A	12-20-36	6720	32279	25559
Alaska Cooper 2-E	12-20-36	6720	32200	25480
Gillully A Fed. 1-M	8-20-37	6720	29332	22612
Patsy 1-B	18-20-37	6720	10806	4086
State H-17 1-E	17-20-37	6720	8568	1848
State H-17 2-D	17-20-37	6720	34100	27380
Marathon Oil Co.				
Bertha Barber 1-M	32-19-37	6720	13524	6804
Bertha Barber 3-N	32-19-37	6720	11622	4902
McGrail St. 2-K	26-19-36	6720	10433	3713
W. H. Laughlin 2-F	9-20-37	6720	7169	449
MKA Oil Properties				
N. M. F State 2-N	17-20-37	6720	19198	12478
N. M. F State 4-M	17-20-37	6720	9105	2385
Phillips Oil Co.				
Culp 1-D	19-19-37	6720	7707	987
Mexico 2-G	18-20-37	6720	22357	15637
Mexico 3-H	18-20-37	6720	24279	17559
Shell Oil Co.				
Foster 1-P	34-19-36	6720	9698	2978
Sun Oil Co.				
W. B. Maveety 6-B	35-19-36	6720	8279	1559
Estate of Fred Turner, Jr.				
State A 1-L	2-20-36	6720	19142	12422

POOL		ALLOWED	PRODUCED	OVER
MONUMENT G-SA				
Union Texas Petroleum				
Britt 5-K	7-20-37	6720	11072	4352
State A 2-E	2-20-37	6720	19699	12979
Bruce A. Wilbanks				
Wood State A 1-C	16-20-37	6720	35452	28732
Wolfson Oil Co.				
Laughlin 2-O	5-20-37	6720	47225	40505
Laughlin 3-P	5-20-37	6720	13171	6451
Laughlin 4-A	5-20-37	6720	14852	8132
N.M. D State 1-H	20-19-37	6720	7963	1243
N.M. E State 2-E	21-19-37	6720	24460	17740
MONUMENT TUBB				
Continental Oil Co.				
~~Britt B 10-F~~	~~15-20-37~~	~~12432~~ 24864	~~13137~~	~~705~~
~~Britt B 12-E~~	~~15-20-37~~	~~12432~~ 24864	~~16396~~	~~3964~~
Semu Tubb 88-F	14-20-37	12432 24864	27740	~~15308~~ 2876 ~~16979~~
PADDOCK				
Gulf Oil Co.				
J. N. Carson NCT-C 5-A	33-21-37	5992	11797	5805
Humble Oil & Refining Co.				
Paddock Ut. 87-O	10-22-37	5992	12217	6225
Mobil Oil Co.				
J. N. Carson 1-H	33-21-37	5992	9225	3233
Marshall Com 6-E	34-21-37	5992	9874	3882
PADUCA DELAWARE				
Texaco, Inc.				
Cotton Draw Ut. 15-D	21-25-32	4480	5177	697
Cotton Draw Ut. 26-H	21-25-32	4480	4559	79
Cotton Draw Ut. 57-P	21-25-32	4480	4581	101
RHODES YATES				
El Paso Natural Gas Company				
Moberly C 11-P	20-26-37	22400	26642	4242
SAWYER SAN ANDRES				
Atlantic Richfield Co.				
Carruth WN Fed. 2-J	25-9-37	4480	4701	221
Ralph S. Cooley				
Brown 35 1-P	13-9-37	4480	13948	9468
Byers 59 1-M	30-9-38	4480	11868	7388
Gandy 59 1-E	28-9-38	4480	5340	860
Mobil Oil Co.				
McCormick Fed 1-E	29-9-38	4480	4677	197
McCormick B Fed 1-M	29-9-38	4480	6992	2512
Ohio Fed. 1-B	30-9-38	4480	14780	10300
Pearson Sibert Oil Co. of Texas				
Sinclair Fed. 2-B	5-10-38	4480	11042	6562
Union Fed. 1-C	5-10-38	4480	5193	713

POOL		ALLOWED	PRODUCED	OVER
SAWYER SAN ANDRES				
Western Drilling Co.				
Grt. West. Fed. 1-M	28-9-38	4480	5434	954
Grt. West. B Fed. 1-I	30-9-38	4480	14552	10072
Gulf Fed. 1-O	29-9-38	4480	5041	561
McDermott Fed. 1-F	30-9-38	4480	15285	10805
Toles Fed. 1-H	13-9-37	4480	5098	618
SKAGGS DRINKARD				
Continental Oil Co.				
C. H. Weir 8-F	12-20-37	7952	9009	1057
C. H. Weir 11-G	12-20-37	7952	9041	1089
M. B. Weir B 7-M	12-20-37	7952	14608	6656
SKAGGS GRAYBURG				
AmeradaDivison-Amerada Hess Corp.				
Fred Turner Jr. A 5-G	18-20-38	4480	4834	354
Continental Oil Co.				
Semu Permian 37-J	24-20-37	4480	8699	4219
TERRY BLINEBRY				
Continental Oil Co.				
Lockhart B-14 A 1-H	14-21-37	17976	31121	13145
TUBB OIL				
Continental Oil Co.				
Hawk B-1 5-K	9-21-37	7952	13095	5143
State 10 3-D	10-21-37	7952	22402	14450
Mabee Royalties				
Belcher 1-M	7-22-38	7952	9436	1484
VACUUM ABO REEF				
Phillips Petroleum Co.				
Vac. Abo Ut. 2-E	4-18-35	13440	16567	3127
Vac. Abo Ut. 4-B	4-18-35	13440	53550	40110
Vac. Abo Ut. 79-E	26-17-35	13440	16039	2599
Texaco, Inc.				
N. M. AE State 4-F	12-18-34	13440	13698	258
VACUUM YATES				
Mobil Oil Co.				
State M 7-E	34-17-35	4480	4537	57
VADA PENN (LEA)				
BTA Oil Producers				
Cash 691 Ltd 1-L	9-9-36	21392	24043	2651
Cinco 688 Ltd. 1-N	1-9-35	21392	28684	7292
Coll 694 Ltd. 1-F	8-9-35	21392	39568	18176
Davis 687 Ltd. 1-D	9-9-36	21392	25501	4109
Feather 688 Ltd. 1-J	1-9-35	21392	30610	9218
Hugo 693 Ltd. 2-L	15-9-35	21392	25372	3980
Humble State 2-I	16-9-35	21392	41150	19758
Intex 692 Ltd. 1-L	8-9-35	21392	48320	26928
KGS 686 Ltd. 1-M	8-9-36	21392	35159	13767
OFF 682 Ltd. 1-H	1-9-35	21392	30722	9330
Starman 684 Ltd. 1-H	4-9-35	21392	57028	35636
Delaware-Apache				
U. S. Schram 1-F	1-9-35	21392	25273	3881
Roger C. Hanks				
Ford 1-B	18-9-36	21392	27616	6224

POOL		ALLOWED	PRODUCED	OVER
VADA PENN (LEA)				
Monsanto				
State L 2-J	19-10-34	21392	23965	2573
Tenneco Oil Co.				
Coll Fed. Com. 1-B	8-9-35	21392	21553	161
Dean 1-J	9-9-36	21392	36466	15074
VADA PENN (ROOSEVELT)				
Roger C. Hanks				
Cabot State 2-I	32-8-36	21392	44705	23313
Lone Star Fed. 1-H	29-8-36	21392	45538	24146
R. R. Morrison				
Fed. 1-D	33-8-36	21392	40589	19197
Read & Stevens, Inc.				
Fed. C 1-H	30-8-36	21392	30377	8985
WANTZ ABO				
Atlantic Richfield Co.				
Roy Barton 1-G	23-21-37	10472	14537	4065
WARREN DRINKARD				
Continental Oil Co.				
Warren Ut. 9-E	27-20-38	7952	11554	3602
WEIR BLINEBRY EAST				
Texaco, Inc.				
C. H. Weir A 9-K	12-20-37	5992	19506	13514
C. H. Weir A 10-J	12-20-37	5992	6732	740
C. H. Weir A 8-F	12-20-37	5992	6530	538
WEIR TUBB EAST				
Continental Oil Co.				
C. H. Weir A 11-G	12-20-37	7952	10888	2936
M. B. Weir B 7-M	12-20-37	7952	29561	21609
M. B. Weir B 10-P	12-20-37	7952	10570	2618
		GRAND TOTAL		1967572

DISTRICT II - FEBRUARY 1971

POOL		ALLOWED	PRODUCED	OVER
EMPIRE ABO				
Amoco Prod. Co.				
Malco G Fed. 5-H	9-18-27	7952	10503	2551
Malco H Fed. 9-C	3-18-27	7952	8269	317
State BE 1-M	31-17-28	7952	10116	2164
State BE 2-L	31-17-28	7952	11536	3584
State BM 1-K	31-17-28	7952	23797	15845
State BV 1-E	32-17-28	7952	8932	980
State EB 1-M	36-17-27	7952	10361	2409
Windfohr Fed. 1-P	4-18-27	7952	13000	5048
Windfohr Fed. 2-I	4-18-27	7952	18470	10518
Windfohr Fed. 3-O	4-18-27	7952	18474	10522
Windfohr Fed. 4-J	4-18-27	7952	18478	10526
Cities Service Oil Co.				
Hudson A 1-F	3-18-27	7952	9820	1868
Hondo International Yates				
State A 32-J	25-17-38	7952	22508	14556
State A 35-G	32-17-38	7952	15243	7291
ROUND TANK QUEEN				
Elk Oil Company				
J. W. State 2-L	30-15-29	4480	24399	19919
Mullis A State 1-D	30-15-29	4480	6498	2018
			GRAND TOTAL	110116

DISTRICT I - FEBRUARY 1971 (LEASES)

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	EXCESS [redacted]
BAGLEY PENN - NORTH					
Tipperary Resources					
Dolly 1-J 17-11-33	1	1	25424	27607	2183
Warren A State 1-I 28-11-33	1	1	25424	31444	6020
BLINEBRY					
Acomo Oil Corp.					
S.J.Sarkeys B 1-B 26-21-37	1	1	17976	22322	4346
John H. Hendrix					
Danglade 2-A 24-22-37	1	1	17976	35316	17340
Marathon Oil Co.					
J. L. Muncy 4-H 24-22-37	1	1	17976	19804	1828
Shell Oil Co.					
Grizzell 6-I 8-22-37	1	1	17976	22909	4933
BOUGH PERMO PENN					
Coquina Oil Corp.					
Fed 13 1-D 13-9-35	1	1	16912	21092	4180
Tenneco Oil Co.					
Jack Markham 11-9-35	2	2	33824	38543	4719
BRUNSON ELLENBURGER					
Marathon Oil Co.					
L.G. Warlick C 5-O 15-21-37	1	1	10472	15519	5047
CATO SAN ANDRES					
Amoco Prod. Co.					
Crosby A Fed. 8-8-30	2	2	8960	9082	122
Eugene E. Nearburg					
Skinner Federal 8-8-30	2	2	8960	10162	1202
DRINKARD					
Continental Oil Co.					
Lockhart A-27 27-21-37	7	6	47712	51625	3913
Gulf Oil Co.					
Harry Leonard NCT-E 16-21-37	2	2	15904	28428	12524
Hanson Oil Corp.					
Max Gutman 19-22-38	2	2	15904	26719	10815
John H. Hendrix					
J. L. Greenwood 9-22-37	3	3	23856	45834	21978
Karoles 1-L 23-22-37	1	1	7952	8047	95
S. E. Long 2-J 11-22-37	1	1	7952	26273	18321
M. E. Wantz 21-21-37	2	2	15904	21324	5420
E. F. Moran, Inc.					
E.M. Elliott 1-E 35-21-37	1	1	7952	8942	990
Phillips Petroleum Co.					
Sims 24-22-37	2	2	15904	26280	10376
Sohio Petroleum Co.					
Penrose 4-E 9-22-37	1	1	7952	8498	546

OIL CO[illegible] MISSION
S[illegible]
[illegible] Exhibit No.
Case No.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
OCC Exhibit No. 2
Case No. 4552 (de novo)

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
DRINKARD					
Sun Oil Co.					
Elliott A 21-21-37	2	2	15904	40018	24114
Texas Pacific Oil Co., Inc.					
Boyd 23-22-37	5	3	23856	25458	1602
Elliott A-15 2-J 15-22-37	1	1	7952	8283	331
Elliott B-9 3-D 9-22-37	1	1	7952	20979	13027
Elliott B-15 15-22-37	2	2	15904	30197	14293
Bruce A. Wilbanks					
Brunson C 3-22-37	4	4	31808	79435	47627
Wolfson Oil Co.					
Grizzell 2-P 5-22-37	1	1	7952	22520	14568
Thomas Long 11-22-37	4	4	31808	78305	46497
Guy R. Zachry					
Downes 2-C 5-22-37	1	1	7952	10884	2932
L. E. Grizzell 8-22-37	2	1	7952	11535	3583
EUNICE SOUTH 7-RIVERS QUEEN					
Wolfson Oil Co.					
State H 17-22-36	2	2	44800	58837	14037
FOWLER DEVONIAN					
Gulf Oil Corp.					
J. R. Holt NCT-A 16-24-37	1	1	10472	12203	1731
HOBBS DRINKARD					
Amerada Divison-Amerada Hess Corp.					
State A 5-A 32-18-38	1	1	18648	27317	8669
HOBBS (G-SA)					
Amerada Divison-Amerada Hess Corp.					
State A 32-18-38	2	2	15680	22963	7283
Amoco Prod. Co.					
Byers B 4-19-38	4	4	31360	51418	20058
Chevron Oil Co.					
State 1-29 29-18-38	2	2	15680	15993	313
Continental Oil Co.					
State A-33 33-18-38	7	7	54880	59276	4396
Marathon Oil Co.					
State Sec. 32 32-18-38	4	4	31360	40500	9140
Samedan Oil Co.					
Moon B 28-18-38	2	2	15680	18283	2603
Shell Oil Co.					
State A 32-18-38	2	2	15680	16210	530
State B 33-18-38	2	2	15680	23696	8016
Skelly Oil Co.					
B. H. Turner 1-F 34-18-38	1	1	7840	8395	555
Sun Oil Co.					
H. D. McKinley 5-19-38	4	4	31360	35956	4596

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
HOBBS SAN ANDRES EAST					
Martindale Petroleum					
D. F. Fergason 30-18-39	2	1	4480	7343	2863
JALMAT YATES 7-RIVERS					
Gulf Oil Co.					
J. F. Janda NCT-F 8-C 4-22-36	3	1	22400	53002	30602
JUSTIS BLINEBRY					
Continental Oil Co.					
State A-2 2-25-37	2	2	35952	36819	867
Shell Oil Co.					
State JM 1-B 2-25-37	1	1	17976	25009	7033
State JP 1-C 2-25-37	1	1	17976	22921	4945
Texas Pacific Oil Co., Inc.					
Wimberly 2-A 23-25-37	1	1	17976	21577	3601
Wimberly 3-H 23-25-37	1	1	17976	18575	599
JUSTIS FUSSELMAN					
Getty Oil Co.					
A. B. Coates D 2-N 24-25-37	1	1	10472	10499	27
JUSTIS TUBB DRINKARD					
Getty Oil Co.					
A. B. Coates D 2-N 24-25-37	1	1	5992	11271	5279
Shell Oil Co.					
State JM 1-B 2-25-37	1	1	5992	10539	4547
State JP 1-C 2-25-37	1	1	5992	6837	845
Texas Pacific Oil Co., Inc.					
Wimberly 3-H 23-25-37	1	1	5992	7619	1627
MONUMENT BLINEBRY					
Gulf Oil Co.					
G. C. Matthews 6-20-37	2	1	5992	32266	26274
John H. Hendrix					
Cooper B 10-D 7-20-37	1	1	5992	7500	1508
MONUMENT (G-SA)					
Amerada Division-Amerada Hess Corp.					
M. E. Gaither 1-I 34-19-36	1	1	6720	17086	10366
State I 1-C 2-20-36	1	1	6720	13356	6636
State J 2-20-36	3	3	20160	32764	12604
State M 2-20-36	1	1	6720	13666	6946
State S 2-20-36	2	2	13440	22692	9252
W. A. Weir 35-19-36	7	6	40320	41902	1582
Cities Service Oil Co.					
Laughlin 1-J 5-20-37	1	1	6720	8293	1573
Millard Deck					
Anderson 9-F 17-20-37	1	1	6720	14098	7378
Getty Oil Co.					
State H 1-L 32-19-37	1	1	6720	7856	1136

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
MONUMENT (G-SA)					
Gulf Oil Corp.					
T. Anderson 2-C 17-20-37	1	1	6720	32223	25503
T. Anderson 17-20-37	2	2	13440	32710	19270
Bertie Whitmire 8-20-37	4	4	26880	53151	26271
John H. Hendrix					
Cooper 8 12-20-36	1	1	6720	25083	18363
Alaska Cooper 12-20-36 7-20-37	2	2	13440	64479	51039
Gillully A Fed. 1-M 8-20-37	1	1	6720	29332	22612
Patsy 1-B 18-20-37	1	1	6720	10806	4086
Marathon Oil Co.					
Bertha Barber 32-19-37	4	3	20160	27512	7352
McGrail St. 2-K 26-19-36	1	1	6720	10433	3713
Phillips Petroleum Co.					
Culp 1-D 19-19-37	1	1	6720	7707	987
Mexico 18-20-37	3	3	20160	47089	26929
Shell Oil Co.					
Foster 1-P 34-19-36	1	1	6720	9698	2978
Estate Fred Turner Jr.					
State A 1-L 2-20-36	1	1	6720	19142	12422
Union Texas Petroleum Corp.					
State A 2-F 2-20-36	1	1	6720	19699	12979
Bruce A. Wilbanks					
Wood State A 1-C 16-20-37	1	1	6720	35452	28732
Wolfson Oil Co.					
Laughlin 8-20-37 5-20-37	3	3	20160	75248	55088
N.M. E State 21-19-37	3	3	20160	26601	6441
PADDOCK					
Mobil Oil Co.					
J.N. Carson 1-H 33-21-37	1	1	5992	9225	3233
RHODES YATES					
El Paso Natural Gas Co.					
Moberly C 20-26-37	2	1	22400	26642	4242
SAWYER SAN ANDRES					
Atlantic Richfield Co.					
Carruth WN Fed. 25-9-37	1	1	4480	4701	221
Ralph S. Cooley					
Brown 35 13-9-37	1	1	4480	13948	9468
Byers 59 30-9-38	1	1	4480	11868	7388
Gandy 59 28-9-38	1	1	4480	5340	860
Mobil Oil Co.					
Brown Fed. 29-9-38	1	1	4480	4677	197
McCormick B Fed. 29-9-38	1	1	4480	6992	2512
Ohio Fed. 30-9-38	1	1	4480	14780	10300

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
SAWYER SAN ANDRES					
Pearson Sibert Oil Co. of Texas					
Sinclair Fed. 5-10-38	1	1	4480	11042	6562
Western Drilling Co.					
Grt. Western Fed. 28-9-38	1	1	4480	5434	954
Grt.Western F Fed. 30-9-38	1	1	4480	14552	10072
McDermott Fed. 30-9-38	1	1	4480	15285	10805
Toles Fed. 13-9-37	1	1	4480	5098	618
SKAGGS DRINKARD					
Continental Oil Co.					
M. B. Weir B 12-20-37	1	1	7952	14608	6656
TUBB OIL					
Continental Oil Co.					
St. 10 10-21-37	1	1	7952	22402	14450
Hawk B-1 9-21-37	1	1	7952	13095	5143
Mabee Royalties Inc.					
Belcher 7-22-38	1	1	7952	9436	1484
VADA PENN (LEA)					
BTA Oil Producers					
Cash 691 Ltd. 9-9-36	1	1	21392	24043	2651
Cinco 688 Ltd. 1-9-35	1	1	21392	28684	7292
Coll 694 Ltd. 8-9-35	1	1	21392	39568	18176
Davis 687 Ltd. 9-9-36	1	1	21392	25501	4109
Feather 688 Ltd. 1-9-35	1	1	21392	30610	9218
Hugo 693 Ltd. 16-9-35	2	2	42784	46131	3347
Humble St. 16-9-35	2	2	42784	47072	4288
Intex 692 Ltd. 8-9-35	1	1	21392	48320	26928
KGS 686 Ltd. 8-9-36	1	1	21392	35159	13767
OFF 682 1-9-35	1	1	21392	30722	9330
Starman 684 Ltd. 4-9-35	1	1	21392	57028	35636
Delaware Apache Corp.					
U. S. Schram 1-9-35	1	1	21392	25273	3881
Roger C. Hanks					
Ford 18-9-36	1	1	21392	27616	6224
Monsanto Co.					
State L 19-10-34	1	1	21392	23965	2573
Tenneco Oil Co.					
Coll Fed. Com 8-9-35	1	1	21392	21553	161
Deen 9-9-36	1	1	21392	36466	15074
VADA PENN (ROOSEVELT)					
Roger C. Hanks					
Cabot St. 32-8-36	3	3	64176	67897	3721
Lone Star Fed. 29-8-36	1	1	21392	45538	24146
Read & Stevens, Inc.					
Fed. C 30-8-36	1	1	21392	30377	8985

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
WANTZ ABO					
Atlantic Richfield Co.					
Roy Barton 23-21-37	1	1	10472	14537	4065
WARREN DRINKARD					
Continental Oil Co.					
Warren Unit 27-20-38	2	2	15904	16125	221
WEIR BLINEBRY EAST					
Texaco, Inc.					
C. H. Weir A 12-20-37 9-K	1	1	5992	19506	13514
C. H. Weir A 12-20-37	2	2	11984	13262	1278
WEIR TUBB EAST					
Texaco, Inc.					
C. H. Weir A 12-20-37	1	1	7952	10888	2936
M. B. Weir B 12-20-37	1	1	7952	29561	21609
M. B. Weir B 12-20-37	1	1	7952	10570	2618
			GRAND TOTAL		1208971

DISTRICT II - FEBRUARY 1971 (LEASES)

POOL	WELLS ON LEASE	PRODUCING WELLS	ALLOWED	PRODUCED	OVER
EMPIRE ABO					
Amoco Prod. Co.					
State BE 31-17-28	2	2	15904	21652	5748
State BM 31-17-28	1	1	7952	23797	15845
State BV 32-17-28	1	1	7952	8932	980
State EB 36-17-27	1	1	7952	10361	2409
Windforh Fed. 4-18-27	4	4	31808	68422	36614
Cities Service Oil Co.					
Hudson A 3-18-27	1	1	7952	9820	1868
ROUND TANK QUEEN					
Elk Oil Company					
J. W. State 30-15-29	2	2	4480	24399	19919
Mullis A St. 30-15-29	1	1	4480	6498	2018
			GRAND TOTAL		85401

RESERVOIR VOIDAGE CALCULATIONS

Drinkard Pool

4402 Bbls. oil
8804 MCF gas

Standard conditions

Pressure - 15.025
Temp. - 60^{o} F = 15^{o} C

Reservoir conditions

Pressure - 772.5
Temp. - 106^{o} F = 41^{o} C

Conversion of Fahrenheit to Centigrade

$C = 5/9\ (F-32) = 5/9\ (60-32) = 15^{o}$

Conversion of oil to MCF

4402/1000 x 5.6 - 24.6 MCF @ reservoir

Conversion of gas to reservoir conditions

$$\frac{P_S V_S}{T_S} = \frac{P_r V_r}{T_r}$$

$$\frac{15.025 \times 8804}{(273 + 15)} = \frac{772.5 \times V}{(273 + 41)} = 188$$

Total = 188 + 25 = 213 MCF

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Oxy Exhibit No. 5
Case No. 4552 (de novo)

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
July 21, 1971

REGULAR HEARING

IN THE MATTER OF:

The hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

Case No. 4552
(De Novo)

BEFORE: Mr. A. L. "Pete" Porter, Secretary-Director
Mr. Alex J. Armijo, Land Commissioner

TRANSCRIPT OF HEARING

NEW MEXICO OIL CONSERVATION COMMISSION

REGULAR HEARING

SANTA FE, NEW MEXICO

Hearing Date JULY 21, 1971 TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
W.P. Tomlinson	Atlantic Richfield	Midland
L.C. Hazbill	Skelly	Eunice
Thomas H. Cunningham	Cities Service	Tulsa
Jerry D. Brown	Cities Service	Midland
C.J. Jordan	"	"
[illegible]	Attorney	Roswell
[illegible]	Walker Oil	Midland
Roy C. Williamson Jr	Bailey, Sykes, Williamson & Dunnigan for Watson Oil & John Hendrix	Mid Land, Tex.
John H Hendrix	John H Hendrix	Midland, Texas
Michael L. Klein	MKR Oil Properties	Midland, Texas
Bruce A Hillman	Bruce A Hillman	Midland, Texas
Richard R Frazier	Amerada Hess Corp	Midland, Tex
E.R. Manning	El Paso Natural Gas	El Paso, Tex.
David T. Burleson	El Paso Natural Gas Co.	El Paso, Texas
Allen E. Pepper	El Paso Natural Gas Co.	Midland, Texas
Howard M. Perdue	Union Texas Petroleum	Midland, Texas
J. R. SHERMAN	WARREN PET CORP	TULSA. OKLA

NEW MEXICO OIL CONSERVATION COMMISSION

REGULAR HEARING

SANTA FE, NEW MEXICO

Hearing Date JULY 21, 1971 TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
R. O. Bobo	Gulf Oil	Midland, Tex
Ed Hutchinson	Warren Petr. Corp.	Hobbs, N.M.
RALPH H VINEY	Warren Pet. Corp.	Midland
Bill Kastler	Gulf Oil	Midland
Jason Kellahin	Atty	Roswell
Jerry I. Moritz	KTA OIL AND	MIDLAND
V.R. Stimmel	BTA	"
DAN CURRENS	AMOCO PROD CO.	FT WORTH
V.T. LYON	CONOCO	Hobbs
Wm. F. Williamson	RW Byram	Santa Fe
Ray D. Graham	State Land Office	Santa Fe
Joe Beckett	Northern Natural Gas	Midland, Tx
Jason Kellahin	Kellahin & Fox	Santa Fe

MR. PORTER: The hearing will come to order, please. There's only one case on the docket this morning and it is an application for a De Novo hearing on Case 4552.

Mr. Hatch, would you read the description of the case, please?

MR. HATCH: Case 4552 (De Novo): In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

MR. PORTER: This case was first called and advertised for June 16th before an Examiner. It was heard on that date and an order was issued on June 25th which would be effective July 1, 1971. However, on June 28th the Commission received an application for a De Novo hearing. It was sent to me. It requested that the case be heard before a quorum of the Commission. So on June 28th the Commission issued Memo Number 2-71.

This is "To: All Operators, From: A. L. Porter, Jr., Secretary-Director, Subject: Rule 506 Amendment.

"Commission Order R-4159 signed by the Commission on June 25, 1971 limits casinghead gas production from each oil well to top allowable for

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the pool in which it is located multiplied by the gas-oil ratio limit for that pool.

"For example, all wells in the Monument Pool would be limited to 70 times 3000 or 210,000 cubic feet of gas per day during July.

"The provisions of Commission Order R-4159 will be suspended, however, pending the outcome of the De Novo Hearing to be held at 9:00 A.M., July 21, 1971 at Morgan Hall, State Land Office Building, Santa Fe, New Mexico."

This memo, as I said, was dated June 30, 1971. The last paragraph was underscored.

The memorandum was attached to the front cover of the Oil Proration Schedule for all three districts. These are mailed out of the Hobbs Office and we have always considered this means as being our best means of notifying producers of any impending hearing, or anything else, that we wanted to announce, because it is assumed by the Commission, at least, that everybody reads the Proration Schedules.

Commissioner Armijo picked this up (indicating) a while ago and when he picked it up he thought the entire memo made up the entire publication, so he said "No wonder these guys are protesting."

Anyway, the subject of the hearing is Rule 506. I don't know, I have been in oil conservation in the state for

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some twenty-six and a half years and I don't recall when this Rule 506 was written. I think it was amended, perhaps, at one time since I have been here, but it is obviously not a well-written rule.

Paragraph two limits gas production. Paragraph four seems to take the limit off, it's kind of in the reverse of what the fellow said about his insurance policy, he said "The big print giveth and the little print taketh away." So there has been quite a bit of confusion over the years as to the interpretation of Rule 506.

I think it has been obvious over the years that some producers interpret it in one way and some in another. We have some evidence that some producers have lived within the paragraph two and have restricted their gas to that amount which would be obtained by multiplying the top unit allowable for the pool times the GOR limit. However, the Commission decided on June 16th, or prior to June 16th, upon recommendation of the staff, to consider deleting the fourth paragraph of the rule, and that was reasonably the case and, of course, as we have stated, we have received an application for De Novo and have scheduled this De Novo hearing. We certainly did not call the De Novo hearing because inadequate notice had been given. The Commission gave legal notice and went beyond that, we sent out notice to our usual mailing list, and anyone can get on that mailing list by simply requesting to do

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so. However, it has always been the Commission's policy to try to allow and encourage all of those who are interested in any subject that comes before the Commission, to come in and state their case. So, it's our purpose here this morning.

I would like at this time to call for appearances in the case and please state your name distinctly so that the Reporter can pick it up, and also who you are representing, and at the time you make your appearance, indicate whether or not you will present testimony or merely make a statement.

Mr. Christy.

MR. CHRISTY: Sim Christy and James T. Jennings of Jennings, Christy and Copple, Roswell, New Mexico, representing MKA Oil Properties, John H. Hendrix, Wolfson Oil Company and Bruce A. Wilbanks. We will have three witnesses.

MR. PORTER: That was John H. Hendrix and MKA, Wolfson and who was the other one?

MR. JENNINGS: Wilbanks; Bruce A. Wilbanks.

MR. CHRISTY: Bruce A. Wilbanks; and may the record show that Mr. Jason Kellahin represents the same group?

MR. KELLAHIN: If the Commission please, Jason Kellahin, Kellahin and Fox, Santa Fe. In addition to those who have been listed, I would also like to enter an appearance for BTA Oil Producers. We will have one witness.

MR. PORTER: Mr. Christy, how many witnesses will your four offer?

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MR. CHRISTY: At least three.

MR. PORTER: At least three?

MR. CHRISTY: Yes, sir.

MR. PORTER: Mr. Burleson.

MR. BURLESON: David T. Burleson with El Paso Natural Gas Company. We would expect that we would make a statement and would present no testimony.

MR. KASTLER: I'm Bill Kastler from Midland, Texas, and I intend to make a statement at the close of the hearing on behalf of Gulf.

MR. TOMLINSON: Phil Tomlinson with Atlantic Richfield in Midland. I will offer a statement.

MR. PORTER: You will have a statement you say?

MR. TOMLINSON: Yes.

MR. PERDUE: Howard Perdue with Union Texas Petroleum. We'll have a statement at the end but will not present any testimony.

MR. FRAZIER: I am Richard Frazier, appearing on behalf of Amerada Hess Corporation. We have a statement only.

MR. CURRENS: Dan Currens, Amoco Production Company. I plan no testimony but we will make a statement at the end of the case.

MR. LYON: I am Vic Lyon with Continental Oil Company, and I will have a statement at the end of the testimony.

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MR. PORTER: Anyone else? Mr. Hatch, I suppose that you will represent the staff?

MR. HATCH: Yes, and we have one witness. Mr. Ramey.

MR. PORTER: Thank you very much gentlemen, and I believe that since the Commission was the only one who presented testimony at the original hearing that you will probably want to go first, is that correct, Mr. Hatch?

MR. HATCH: Yes.

MR. PORTER: You may call your witness.

MR. HATCH: Mr. Ramey.

(Witness sworn.)

JOE D. RAMEY

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. HATCH:

Q Mr. Ramey, would you state your name, position and place of residence for the record?

A Joe D. Ramey, Supervisor of the Commission's District I. I reside at Hobbs, New Mexico.

Q For the record, would you also give a resume of your education, training, work experience and duties?

A I graduated from the University of Kansas in June of 1951, and went to work immediately thereafter for Skelly Oil Company in southern Oklahoma as an engineer trainee.

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I was an engineer trainee for approximately four months and then promoted to production engineer. I worked in southern Oklahoma for approximately eighteen months, and in March of 1953 I was transferred to Hobbs, New Mexico, and I worked with Skelly a total of about eight years as production engineer, petroleum engineer, and finally district petroleum engineer.

My job with Skelly was just about a standard petroleum engineer's job in that I worked on drilling wells. I worked on completing wells. I tested wells, did all nature of tests on wells. I had reservoir engineering work. I worked on engineering committees, reservoir studies, I attended unitization meetings, did the evaluations for workovers, et cetera.

In October of 1959 I joined the Commission as District Supervisor and Proration Manager, and since that time I have been promoted to District Supervisor; if that is a promotion, I lost part of my title. I am making a little more money, but that's about it.

Q Mr. Ramey, are you familiar with Case 4552 and what it proposes?

A Yes, I am.

Q Mr. Ramey, Mr. Porter has briefly gone over the background of this case, the original hearing, and the issuing of an order and certain memorandums. Do you have anything to

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add to that statement as to the background of this case?

A No. I believe he has pretty well covered it. All we are trying for here is to remove this Sub-Paragraph 4, Paragraph (b) in the order.

Q Would you just briefly give what effect that removal would cause?

A I don't think I understand your question.

Q If Sub-Paragraph 4 is deleted from the order, would it have any effect on the production of certain oil?

A Yes. Of course, Rule 506 at this time established a gas-oil ratio limit for all pools with a few exceptions. There have been some pools where we have no gas-oil ratio limit. The rule in itself sets the requirement at 2,000 cubic feet per barrel, and unless an operator or operators have appeared before the Commission and gotten a special order which increases the limit, why, the 2,000 is in effect for old pools and for any new pools.

This Rule 506 also has a formula for setting up the allowable for a penalized well, and this is set up on the basis that each well is allowed to produce so much gas and the allowable of the oil is set on the gas production on a high ratio well.

Now, we require yearly GOR tests in most pools, and so that a well which is producing near the GOR limit during the test period would be expected to increase

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during the next year before the next test. So, actually, your Sub-Paragraph 2 states in part that a well or wells can produce only that volume of gas equivalent to the applicable limiting gas-oil ratio, multiplied by the top allowable for the pool. And then Sub-Paragraph 4, in essence, says, well, the oil allowable is most important, and so that any gas that is produced with the oil allowable would be legal gas, and so it removes the restriction that number two puts on, so we have a contradictory rule.

Q How long has Sub-Paragraph 4 been in effect?

A Now, the earliest mention we have of this provision was, that we could find where the provision was in effect, was in Order Number 712, which was dated in August of 1947. An earlier order, Order Number 545 dated July, 1943, does not have these provisions, or this provision; and then Order 850, which established the statewide gas-oil ratio rule, does have this provision in it.

Now, the first two orders mentioned had to do only with setting the gas-oil ratio limit for pools in the southeast portion of the state, and the rule or the Order 850 was the statewide rule which established the Rule 506.

Q As a member of the Commission staff, were you instructed to make a study concerning the effect upon the production of casinghead gas, that provision of Rule 506 that provides

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"All gas produced with the current oil allowable determined in accordance with this rule shall be deemed to have been lawfully produced."?

A Yes, I was.

Q Have you made such a study?

A I have.

(Whereupon, Commission's Exhibit No. 1 was marked for identification.)

Q I hand you what has been marked as Exhibit No. 1 and ask you to identify that exhibit, if you can.

A Exhibit 1 is a listing of all oil wells which produced excess gas during the month of February 1971. I used the month of February, 1971 because this was the latest available figures I had at the time I made the exhibit.

Now, when I refer to excess gas, I will be talking about gas which is produced over what would be allowed under the Sub-Paragraph 2 or the top pool allowable times limiting GOR. This is a listing by pool and indicates the operator lease, name, well number, well locations allowed gas, which is determined by multiplying the gas-oil ratio for the pool times the top pool allowable times the number of days in a month and then the produced gas and the excess gas, which is gas produced over what I refer to as the allowed gas.

If you will look at the exhibit I will go through

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the first well just to explain it a little further. The pool is the North Bagley Penn, operator is Tipperary Resources. The well is the Dolly No. 1, located in Unit J of Section 17, Township 11 South, Range 33 East. The allowed gas is 25,424, the produced gas, 27,607. These are MCF volumes, and the excess gas, which is the difference between the allowed and produced of 2,183.

Now, this particular well, just to go a little further, had an allowable of 287 barrels per day, and top allowable for the pool is 454 barrels, so the operator is allowed to produce up to 287 barrels per day; and under Sub-Paragraph 4, why, that well is allowed to produce any gas that it makes while making this oil allowable.

So we assume that from his last test, that his gas volume has gone up, but when he files his next regularly-scheduled test, why, his allowable will be adjusted downward to a figure which will only allow him to produce the allowed gas.

This has been further broken down by Commission districts, and the totals are as follows: District I, 276 wells, producing 1,959,461 MCF of excess gas; District II, 16 wells, 110,116 MCF. District III, I believe there were only about two wells, so I didn't make any exhibit on it. The grand total for the

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Southeast, 292 wells, 2,060,587 MCF. This amounts to around nine and a half per cent of the Southeast casinghead gas.

MR. PORTER: Mr. Ramey, at this point does this exhibit represent all of the wells that had excess gas production?

THE WITNESS: All but the wells in the Northwest. I think there were over two wells there, Mr. Porter. But it does include all the wells in Southeast New Mexico. I don't have the two wells for the Northwest. I think one of the wells made 37 MCF and the other one 900 plus, and the total was a little over a thousand MCF for the month of February.

MR. PORTER: So, actually, you show nine and a half per cent production in excess of what would have been had the wells been held to the restriction of top allowable times GOR limit?

THE WITNESS: Yes, sir, that's correct.

MR. PORTER: Thank you.

MR. ARMIJO: I have a question here just as a matter of finding out why. Going down to the Dan Glade 2-A Hendrix,--

THE WITNESS: Yes.

MR. ARMIJO: -- I notice an allowable there of 17,976 and produced 35,316; on the second page there you have, in Continental there you have Lockhart A-27 5-A, allowed

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7952 and produced 24,000. Doesn't the allowable have any bearing, actually, on the production?

THE WITNESS: Yes, it does, Commissioner Armijo.

MR. ARMIJO: Why would that vary so much?

THE WITNESS: We would have to assume that these wells rapidly went to gas within a year's period that we set an allowable, say, of 30 barrels, we'll use that figure, and I'm sure they were a penalized well on their last test. They still carry a 30-barrel --

MR. PORTER: This gas would be legal under the existing rule?

THE WITNESS: Yes, it would be legal under the existing rule so long as they are producing 30 or less barrels a day, or whatever their allowable figure is. You can see in thumbing through it some of the old ridges are minor and some are pretty excessive, excess figures, that is.

Q (By Mr. Hatch) Mr. Ramey, I don't believe you went into the source of your information for the Commission.

A I used the statute books of the New Mexico Oil and Gas Engineering Committee as my source of information. These volumes are compiled and edited by the New Mexico Oil Conservation Commission. And the source of the information is from the Operator's Form C-115, which is the monthly production report which the operator must submit monthly and does contain information on a per well

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basis as to oil, water and gas production. This information is taken from the 115's and is put on, it is keypunched on cards and then these cards are fed to the computer and the computer then compiles the information and prints it out on an offset printing plate and these plates are sent to the Engineering Committee, where they are printed and assembled and mailed out to the member operators and also to the Commission.

I used these instead of using the several thousand individual 115's that were submitted by the operator. I used this book simply for the ease instead of having to thumb through a file drawer full of Form C-115's. The information is the same.

(Whereupon, Commission's Exhibit No. 3 was marked for identification.)

Q I hand you what has been marked as O.C.C. Exhibit No. 3 and ask you if that was the statistical report that you were referring to?

A Yes, this is the monthly statistical report for February, 1971, Volumes 1, 2, 3, for the Southwest, and Volume No. 4 for the Northwest.

(Whereupon, Commission's Exhibit No. 2 was marked for identification.)

Q I hand you what has been marked Exhibit No. 2 and ask you if you can identify that?

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A This Exhibit 2 is a similar listing to Exhibit 1 except this is done on a lease basis. In this case the allowed gas is the per well allowed gas multiplied by the number of wells on the lease, and the produced gas is the total of the produced gas from all wells on the lease.

If you will go down to the eighth listing, which is the first one that shows a multi-well lease, I will go through that. This is the Bough Permo Penn Pool, Tenneco Oil Company is the operator, the lease name is the Jack Markham, in Section 11, Township 9 South, Range 35 East. There are two wells on the lease, both of which are producing. The allowed gas in this case is 33,824, the produced gas is 38,543, excess being 4719.

In this case the totals would be for District I, 128 leases, and 1,208,971 MCF; District II, 8 leases, 85,801 MCF, or a total for the Southeast of 136 leases, 1,294,372 MCF.

On a lease basis there was, again, only one well, or one lease, which produced 37 MCF in the Northwest, and it doesn't seem important, so I didn't include it. But the figure for the Southeast amounts to around six per cent of the total casinghead gas produced for the month of February.

Q What's the smallest oil allowable assigned to any well shown on Exhibits 1 and 2?

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A Well, the oil allowable, the lowest oil allowable that we assign a well, it has been our policy to assign a well, has been one barrel. And I think this leads to the worst aspect of this provision of Rule 4. We consider any well in an oil pool that makes any oil at all as an oil well, so we assign it one barrel regardless of what its ratio is. So, for example, if a well would produce on tests, three barrels of oil and four and a half million cubic feet of gas, it would have a ratio of one-half million cubic feet per barrel, so we would assign this well one barrel and it can produce that one barrel for every day of the month or it could attempt to produce, and whatever gas that the well made while it's producing this one barrel, would be considered legal gas under Rule 4.

So, in essence, we are assigning it a gas allowable of one million and a half cubic feet a day, and this is gas from an oil pool.

MR. PORTER: Mr. Ramey, before you proceed further with that point, as a general rule those wells probably actually produce less than the one barrel, is that right?

THE WITNESS: Some of them do, yes, Mr. Porter. I have known of some wells that would produce only five barrels for the month and a considerable volume of gas, and then some, for example, I have got one well here in the Drinkard Pool in

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March, we assigned it a one-barrel allowable and it produced 30 barrels for the month and 58,000,370 cubic feet of gas, which is a producing ratio of 1,943,000 cubic feet per barrel.

MR. PORTER: Approximately two million. Its producing ratio is approximately two million to one?

THE WITNESS: Right. And an oil well in the same pool should produce only 8,804 MCF. So you get a difference there of fifty million. That's an extreme, of course, but we have had wells that have produced considerably more than this even.

MR. PORTER: Yes.

(Whereupon, Commission's Exhibit No. 4 was marked for identification.)

Q (By Mr. Hatch) Mr. Ramey, I would like to point out Exhibit 4-A, 4-B and 4-C and ask you to identify those exhibits and explain to the Commission what they show.

A In this case I have labeled these exhibits as MCF Reservoir Voidage Per Month. One is labeled that way I see. In compiling this I used the month of March since it was the latest information I had at the time. I picked three pools in Southeast New Mexico, the Drinkard Pool, the Monument Pool and the Hobbs Pool. For example, I have three types of wells here. Some of them are assumed and some of them are actual cases, but first we will go to the Drinkard Pool, Exhibit 4-A; this would

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be a top allowable oil well which is producing at the maximum GOR of 2,000 cubic feet per barrel.

This well would be allowed to produce 4,402 barrels of oil and 8,804 MCF of gas. Now, this would be at standard conditions. I converted this production at standard conditions to reservoir conditions. I found out that this voided 213 MCF of reservoir space. Now, this should be the maximum fair share that any well should be allowed to produce from the Drinkard Oil Pool for the month of February. This one varies as the allowable varies, of course.

The next well in question would be a one-barrel oil well which produces a maximum allowed gas under Paragraph 2, or the top pool allowable times the limiting GOR. So it would produce 31 barrels of oil and 8804 MCF of gas. Now, this well would void 188 MCF reservoir space. So, in essence, you have about a 15 MCF difference, which is what the oil took out of the reservoir. This would also be a fair share because this is one fair share of the reservoir energy and the extra 25 MCF here is the oil.

Now, in the third case we have a one-barrel well producing under the provisions of Sub-Paragraph 4. This is the actual case I pointed out a while ago, one barrel of oil per day and 58,000,370 MCF gas. Now, this well voided 1,236 MCF of reservoir space. These red blocks

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are to scale. So you could see that this is, I think it figures out 5.6 times as much as what I consider a fair share.

Now, going on to the Monument Pool, we have the same type wells, the top allowable wells at maximum GOR. Produced 2480 on oil and 7440 on gas. This well would void 167 MCF of reservoir space. The one-barrel well, which, incidentally, the one-barrel well would be this well producing under the provisions of Rule 2 and not under the provisions of Rule 4, but this well would void 151 MCF of reservoir space. And here again, the third well, which is the actual case of one barrel of oil per day, 49,895 MCF of gas for the month; it voided 1,014 MCF of reservoir space.

The Hobbs Pool, we have the top allowable well at the maximum GOR voiding 189 MCF reservoir space; the one-barrel well, 173, and in this case I didn't have an actual high-volume one-barrel well in the Hobbs Pool, so I used the well that produced the most gas in the pool for the month of February, and this well made 27.3 barrels of oil per day and produced a total of 29,011 MCF of gas, which is considered legal gas under Provision 4. This well voided 585, which is around three times what I consider the fair share to be.

Now, as to actual wells, we don't have any top

allowable wells in the Drinkard Pool. In the Monument Pool I didn't find a well that was producing top allowable and producing right at this rate, but I did find some that were producing a little under on the oil and a little under on the gas, or a little under on the oil and a little over on the gas. So you essentially do have this in existence in the Monument Pool.

In the Hobbs Pool, I found a well that produced a few barrels over the oil allowable and 25 MCF under the gas allowable, so, in essence, you have in that case an actual well which is producing at the top allowable times the maximum GOR for the pool.

I might mention that the gas-oil ratio for the Drinkard Pool is 2,000 cubic feet per barrel, the Monument Pool, the ratio is 3,000 cubic feet per barrel. The Hobbs Pool, the ratio is 3,500 cubic feet per barrel.

Q Mr. Ramey, did you prepare Exhibits 4-A, 4-B and 4-C, or were they prepared by someone under your direct control and supervision?

A Yes, they were.

(Whereupon, Commission's Exhibit No. 5 was marked for identification.)

Q I hand you what has been marked as Exhibit Number 5 and ask you to identify it, please.

A Well, Exhibit Number 5 is just an example of the

calculations I went through to prepare Exhibits 4-A, B and C. The example I show here is the first example under the Drinkard Pool, which is the top allowable oil well producing at the maximum GOR, so you have the figures of 4,402 barrels of oil and 8,804 MCF of gas. These are at standard conditions, which is the pressure base of 15,025 and temperature is 60 degrees, 60 degrees Fahrenheit, which is 15 degrees centigrade.

The reservoir conditions, these were bottom hole pressures which were taken by the operators, most of them, I am sure, through the Engineering Committee. The average pressure for the pool in 1970 was 772.5; the reservoir temperature, 106 degrees Fahrenheit, or 41 degrees centigrade.

The first calculation I went through was the conversion of Fahrenheit temperature to centigrade, and using the standard formula of centigrade as equal to five-ninths the quantity the Fahrenheit temperature, minus 32, and the first example, of course, was the standard conditions. It was 15 degrees. Then I converted the oil to MCF, and this is done by dividing the barrels of oil, in this case 4402, by a thousand, and then times the known figure of 5.6 barrels or cubic feet per barrel, and so you come out with 24.6 MCF of reservoir or at reservoir.

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Then the conversion of gas to reservoir conditions is just the standard PVT formula where we plug in the five unknowns and solve for the one unknown, and the one unknown in this case is the volume in the reservoir, which comes out to 188 MCF, and so the total is 188 for the gas, 25 for the oil, or 213 MCF.

Q Did you prepare Exhibit 5?

A Yes, I did.

(Whereupon, Exhibits 6-A, 6-B and 6-C were marked for identification.)

Q I point out Exhibits 6-A, 6-B and 6-C and ask you to identify those for the Commission, and explain to the Commission what they show.

A These are exhibits which show excess gas production for these three pools in question. In preparing these I went back to 1961 and determined the number of wells, which is the green curve, and the pool excess gas, which is the purple or lavender curve, and the middle curve is the per well excess gas. I used the month of February '61, February '62 and et cetera, through February 1971, so this is an eleven-year history of excess gas for these three pools.

I'll go first to the Drinkard Pool. You can see, although we had some variations of the excess gas, you can assume that it is fairly level. It starts out at

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400,000 MCF and ends up in the neighborhood of, oh, 370 to 380. The number of wells was around 150 in 1961, it has gone down to around 60. The per well excess has gone from around 2400 up to around 6500. The Monument you have essentially the same situation, excess gas, reasonable level, it did fall off but then it has built back up. The number of wells were around 130, down to around 60 per well excess from 4500 to the present of in excess of 9,000.

This peak that we show in February 1970 was primarily due to one well which produced some 95 million cubic feet of gas, which kind of threw everything out of proportion. In the Hobbs Pool, essentially the same situation, except the number of wells has, instead of a steady decline, this has jumped around somewhat and your per well excess is fairly level up until '70, when it started to increase; but for an average, probably 1600 for the first nine years and the last two years, why, it has increased up to around 3250.

So I think the main thing here is that your excess gas production seems to be fairly stable for these three pools, but your number of wells has dropped off, which, of course, shows that excess increase, the trend is up on your pool excess.

Q Mr. Ramey, assuming that the wells shown on Exhibits 1 and

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2 actually produced as shown on those two exhibits, and as you have testified, do you have an opinion as to whether or not waste is occurring as defined in 65-3-3 of the New Mexico Statutes Annotated?

A Yes, I believe that waste is occurring. I think the withdrawal of excess gas from high ratio oil wells and from these so-called one-barrel wells will create reservoir waste, is creating, and will continue to create reservoir waste.

The casinghead gas in most reservoirs is the reservoir energy. It's the expansion of this gas and the movement of the gas in the reservoir which drives the oil to the well bore and from there it's recovered. I think the purpose of establishing gas-oil ratio limit in a pool is to conserve this energy, and if this energy or gas as energy is dissipated from high ratio wells or from gassy areas on top of the structure, you are going to end up leaving oil in the reservoir which would have been recovered if this gas were allowed to expand and be the driving force for the oil.

Q Assuming that the certain wells do have the production and voidage characteristics that you have testified to, as shown on Exhibits 4-A, 4-B and 4-C, do you have an opinion as to whether or not correlative rights, as defined in 65-3-29 of the New Mexico Statutes Annotated

are being violated?

A Yes, I think some of these wells which are voiding up to five, six times the reservoir space of other wells which, you know these other wells don't have the same opportunity because they are oil wells, in effect, and these wells are gas wells, in effect, and so that these wells are voiding more of the reservoir, they are using more of the reservoir energy, and I just don't think you can produce this volume of gas without creating waste.

Q Do you have any recommendation to make to the Commission concerning the revision of Rule 506?

A Well, I have got several alternatives here that we could do. I can think of four possibilities that would take care of this situation, or a combination of possibilities, which I will go over.

The first, we could require monthly GOR tests. In other words, make the operators test all wells in all pools once each month and submit these in and then you would have a current GOR which would, in effect, cut down some of the gas. But, however, this still wouldn't take care of your one-barrel wells, the one-barrel wells which produce these high volumes of gas.

The second possibility would be to have a general statewide gas well classification. In doing this we would have to set up some figure and say when a well had

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a ratio of, say, 50,000 cubic feet per barrel, this well automatically goes to a gas well. This would be rather difficult to do to arrive at this figure because just looking at some of the cases we have right now which define gas wells anywhere from a range of 25,000 cubic feet per barrel up to a hundred thousand cubic feet per barrel, and we have one pool where a gas well is defined on the gravity of the liquids alone.

Now, the third possibility would be special pool rules for each pool, whereby you know a gas well classification could be set up for each pool in the state, but when you consider the number of pools we have in the state, why, this would be a tremendous undertaking.

So the fourth, which is my recommendation, would be the revision of Rule 506 by the deletion of this Sub-Paragraph 4 which says that any gas produced with the current oil allowable shall be considered legal gas.

Now, this, in my opinion, would be a cure-all. It would prohibit the production of excess gas produced between gas-oil ratio tests and would limit the one-barrel high ratio wells to the applicable top pool allowable times the limiting GOR.

Q What problems, if any, do you foresee in administering any change made in the Rule 506?

A Well, I think it will certainly be a little bit more work

on my part and the other district supervisors' parts, but I have given this considerable thought, and I thought at first, well, this could be turned over to the purchaser such as we did with oil and say, "Okay, it's your responsibility not to take any excess gas," but in the case where you have commingled leases and such, why, this would, you know, almost be impossible for the purchaser to regulate.

We also thought about, you know, performing perhaps an industry committee to study the situation and come up with some recommendation as to what to do, but we discussed this with our Machine Accounting Department and they informed us that they could give us on a per well basis or on a lease basis, however we decided to go on it, a cumulative overproduced figure for gas per well such as they now do for oil. So we would get a monthly listing which would list each well which produced more than the top pool allowable times the limiting GOR for the particular pool it's in, and when this figure reached a certain extent, we would contact the operator, or could contact the operator, and tell him that he's going to have to underproduce the gas volume or we could shut the well in until it's brought back in balance, or we can say, "Fellows, we have a rule, if you are in violation of it we can always fine you through the courts."

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I think it can be worked out by this method with our Machine Accounting furnishing a list to the appropriate districts.

Q Mr. Ramey, did you prepare or have prepared by someone under your direction, control, and supervision, Exhibits 6-A, 6-B and 6-C?

A Yes, I did.

Q Did you prepare Exhibits 1 and 2?

A Yes.

Q And you identified Exhibit 3 as the "Stat" Book, that was not prepared by you?

A It was prepared by some of my fellow workers.

Q And printed by the New Mexico Engineering Committee?

A Yes, that's correct.

MR. HATCH: I would like to move the introduction of Exhibits 1, 2, 3, 4, 4-A, B, C and 5, 6-A, 6-B and 6-C.

MR. PORTER: If there are no objections, the exhibits will be admitted.

(Whereupon, Commission's Exhibits 1, 2, 3, 4-A, B, C, 5, 6-A, 6-B and 6-C were offered and admitted in evidence.)

(Whereupon, Commission's Exhibits 7 through 14 were marked for identification.)

MR. HATCH: I also have Exhibits 7 and 8 which are Xeroxed copies of a notice by publication of the original

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hearing of this case 4552 and the De Novo hearing that I would like to introduce.

MR. PORTER: Those exhibits will also be admitted.

(Whereupon, Commission's Exhibits 7 and 8 were offered and admitted in evidence.)

MR. HATCH: And Exhibits 9 and 10, which are copies of the dockets mailed for the June 16th and July 21st hearings.

MR. PORTER: Exhibits 9 and 10 will be admitted.

(Whereupon, Commission's Exhibits 9 and 10 were offered and admitted in evidence.)

MR. HATCH: And Exhibit 11, which is a copy of the memorandum that you referred to, Mr. Porter, earlier in the opening of this case, the issuance of Order R-4159 and a suspension of the provisions of that order pending this hearing De Novo.

MR. PORTER: This is the memo which accompanied the proration schedule and will be made a part of the record.

(Whereupon, Commission's Exhibit 11 was offered and admitted in evidence.)

MR. HATCH: And Exhibits 12, 13 and 14 are proration schedules for the three districts with the memorandum appearing on the front of the schedule.

MR. PORTER: The proration schedules for the months of July and August of 1971 for the three districts will be made a part of the record.

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(Whereupon, Commission's Exhibits 12, 13 and 14 were offered and admitted in evidence.)

MR. HATCH: That concludes the Commission's case except we have received certain communications that probably should be read into the record, perhaps at the end of the case after other people have made their appearances.

MR. PORTER: I think that would probably be more appropriate, Mr. Hatch. I have one or two questions of the witness before we turn him over to the third parties.

CROSS-EXAMINATION

BY MR. PORTER:

Q Mr. Ramey, I notice your three exhibits, the top ones up there, refer to the Drinkard Pool, Monument Pool and the Hobbs Pool. Were these pools picked for any particular reason?

A Well, I knew we had a situation, particularly in the Drinkard Pool and Monument Pool, where we had a bunch of these high ratio wells and then I used the Hobbs Pool because it's what I consider still a pretty good pool. I just more or less picked them out of the air with a little thought and planning.

Q And in the Hobbs Pool you have recently and are still experiencing to some extent a flaring problem, I believe, is that right?

A Up until about a week ago we were, Mr. Porter. However,

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Phillips called me, I don't remember whether it was yesterday morning or the morning before, and they said they had talked to some of the operators and that they were now not flaring gas. Now, whether this is because of the time of the month or something, that some of the wells might have their allowables out or what, but anyway, they said they were no longer flaring gas at this time except for equipment failures and such.

Q Now, you have mentioned several possible things to be considered in the solution of this problem in addition to the one that you recommended, and one was the monthly gas-oil ratio tests. Don't you think that would be pretty burdensome due to the fact that we allow sometimes three to four months for one pool?

A Yes, as I said, it would be expensive and burdensome on the operators, and I'm sure they would have to go out and install a lot of equipment to manage to get these tests within the thirty-day period.

Q As an alternative to that, would it be possible to use producing ratios to calculate oil allowables?

A Yes. We could do that. I would like to remind you like the February figures, they are not received by the Commission until around March the 25th and so it's the middle of April before these figures are, you know, printed and assembled in this book form.

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Q So you might be two to three months behind?
A Yes. About the middle of April, and by the time we got the calculations, why, this would put us into May, and so the actual February production wouldn't show up until June.
Q There's something else, Mr. Ramey, that you didn't testify to, but I will ask you to comment on, and that is the possibility of an increase in gas-oil ratio limits for some of the pools in question here, maybe even some of those that you have used in your exhibit.
A Yes. I think this is a possibility. This might be a solution. For example, the Drinkard Pool, now I have been approached several times in my eleven plus years with the Commission as to the possibilities of getting the gas-oil ratio increased in the Drinkard, and I have told the operators that I think the Commission would be receptive to this so long as the plants in the area had the capacity to handle any further gas. I really think this would be the solution maybe to raise the gas-oil ratio in the Drinkard Pool and -- but I still think we should limit the production on a well basis, but I think this would --
Q You would think even if the Commission should consider increasing the gas-oil ratio limits for the pool, you would still need to rescind Paragraph 4, the fourth part

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of Paragraph (b)?

A Yes, I think for correlative rights.

Q What would be the thing that you would consider or recommend to the Commission that they consider prior to increasing the limit in any particular pool?

A Well, first I think we definitely would have to establish that the plants, we would have to have something either as testimony or in writing from the plants that they could handle excess gas, and then, second, why, certainly I think it would be the burden of the operator to prove that no waste would occur, that this increase in gas-oil ratio would not affect the maximum recovery of oil from the reservoir.

MR. PORTER: Thank you very much. We are going to take about a five or ten-minute recess at this point. Mr. Ramey will be available for cross-examination.

(Whereupon, a recess was taken.)

MR. PORTER: The hearing will come to order, please. Mr. Ramey is now available for cross-examination. Mr. Christy, did you have your hand up?

MR. CHRISTY: I didn't have my hand up, but I will be glad to go ahead.

MR. PORTER: Are you ready to cross-examine?

MR. CHRISTY: Yes, I sure am.

MR. PORTER: You may proceed.

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CROSS-EXAMINATION

BY MR. CHRISTY:

Q Mr. Ramey, initially, for the record, you mentioned the statewide Order 850 but you didn't give a date on it, when it was instituted; I think it was 1950, is that right?

A Yes. I think that's right. Let me go through my notes here to make sure. Yes, September 1949 is what I have in my notes.

Q Now, as I understood your initial testimony, we'll call it the 4 Rule, Rule 4 --

A Okay.

Q -- out of 506, was apparently not in effect in '43 but was in '47?

A Yes.

Q So we know it has been in effect for 24 years?

A Yes.

Q At least?

A At least.

Q And that has been a statewide rule?

A No.

Q It has not?

A The statewide rule went in effect in '49. The two orders that I mentioned previously, the one had '43 and the one in '47 had to do with specific pools in Southeast New

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Mexico.

Q So we know that it has been a statewide rule, then, for at least 22 years?

A Right.

Q As I understood your direct testimony, you made a study prior to your June 6th hearing with respect to whether or not we ought to continue Rule 4, is that correct?

A Yes.

Q How long did you make that study? How long a period of time was it?

A I used just the, I used just the, in preparing Exhibit 1, I used just February of '71.

Q No, excuse me. I am not making myself clear. How long did you study the problem before the hearing on June 16th, a week, a month, or what?

A Oh, this has come up several times. Now, as a direct study, no. One other time I went through and determined what the gas, excess gas was. This has been several years back, but unfortunately I couldn't find my notes on that, but my Exhibits 6-A, B and C, I did go back to '61 to show that this was in effect then.

Q Then how long a period of time did it take you to prepare these exhibits? Let's go at it that way.

A I think I started in April sometime. And I finished, you know, finished my revised exhibits, four up there were

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completed Monday night or Tuesday morning. Let's put it that way.

Q Now, you have used the term throughout, "excess gas", and as I understand what you mean is the difference if we did or did not have Rule 4?

A Right. Excess gas is what I defined as gas over what a well would be allowed to produce at top pool allowable times the pool GOR.

Q Right. Now, if we had a change within the pool rules as to one or more pool rules, you might have a difference in excess gas, would you not? You might not even have any excess gas. For example, in the Drinkard, if you raised your GOR's to 6,000 to 1, there may not be any excess gas or there would be a reduced amount?

A There would be a reduced amount.

Q So the excess varies depending upon what the particular rules are?

A Right. It has varied considerably since, well, since in '61 when the allowables were in the 36-barrel range, up to present where the allowables are 70.

Q Now, on your Exhibits 1 and 2, I assume that all the figures given on the last three columns are in MCF's, is that correct?

A Yes.

Q Also in Exhibit 2, I didn't find the Vacuum Pool, whereas

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I found it in Exhibit 1; was there a reason?

A Well, you have specific wells, the first, Exhibit 1, is a well count --

Q Yes, sir.

A -- and Exhibit 2 is the lease count.

Q But my question is why the Vacuum Abo Reef and the Vacuum Yates are not in Exhibit 2 and they are in Exhibit 1.

A Well, the answer would be there's more than one well on the lease. One well produces excess gas, the second well produces under the allowed gas, and the combination of the two would be some figure under the allowed gas for the total wells.

Q So in the Vacuum situation, if you put it on a lease basis, there is no excess?

A Right.

Q As I further understand you, exclusive of the one-well situation, there is some self-curing of this excess gas each year as you take your new GOR tests and penalize a well?

A Supposedly, yes. It hasn't worked out too well that way; in looking at figures, it hasn't worked out that way.

Q Now, as I further understand you, your exhibits upon the board, 4-A, B and C, are extreme examples, they are not averages, is that true?

A They're true examples for those three pools.

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Q Didn't I understand you to make the statement that these are extremes?

A Well, I picked the actual case, the third case is an actual case which is the extreme for the pool.

Q So you do not mean to depict averages for those pools, do you?

A You mean, say, an average excess gas figure?

A Yes.

A No. That's not my intention. This is to show what one well is voiding.

Q On an extreme situation?

A For that particular well, yes. Which is the extreme well.

Q Let's talk about that particular well. What well did you use in the Drinkard Pool?

A I believe that was, that would be the Bruce Wilbanks Brunson C No. 6.

Q What well did you use in the Monument?

A I really don't know.

Q What well did you use in the Hobbs Pool?

A I really don't know. I would have to get the March Stat Book and then I could find those wells.

Q Did you also, in your study, calculate the reduction in oil production if we delete Rule 4?

A No, I did not.

Q And I understand from your Exhibit 5, in the Drinkard Pool

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you used a pressure of 772.5, is that correct?

A That's correct.

Q Now, that was the average pressure in the pool?

A Yes, sir.

Q Do pressures vary in the Drinkard Pool?

A Yes. They vary in all pools.

Q Rather markedly, do they not?

A I think so, yes.

Q Do you think a variance in pressure has a relation to the amount of voidage for any given well?

A Oh, yes, certainly.

Q Now, did you make a similar reservoir voidage calculation as Exhibit 5 for the Monument and Hobbs Pool?

A No. This Exhibit 5 was just to show what calculations I went through.

Q This is simply your mathematics?

A Yes.

Q With relation to Exhibit 4-B, what pressures did you use in preparing the exhibit with respect to the Monument Pool?

A It was the average for 1970.

Q You don't know what it is?

A I don't have that with me, no.

Q Do you have any kind of recollection?

A I think it's in the 800-pound range or seven or 800-pound

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range.

Q Again, you used the average in the entire pool?

A Yes.

Q Do the pressures vary rather markedly in the Monument Pool?

A As I recall. I looked at that specifically, I think there was one well, it was 230 for a low extreme and there was another well which was in the 1180 range.

Q There is some difference in the pressures?

A Yes, variations. That's why I used the average.

Q Thank you. Referring to your Exhibit 4-C, the Hobbs Pool, what pressures did you use in your calculations to depict Exhibit 4-A, 4-C?

A It was an average pool. Now, I don't know what it is.

Q Do you have an average?

A I want to say it's around 800. And there again, we do have pressure variations.

Q Now, you have given in your Exhibits 6-A, B and C, on the purple, what the excess is on a lease basis and the red, what it is in excess on a well basis?

A No, that's not on a lease basis, that was the total of all wells. That was on a well basis.

Q Do you have it on a lease basis?

A No.

Q You just have it on a well basis?

A No, I have it on a well basis. I just took the total figure down for all the wells in the pool and then I figured what I considered have defined as the allowed gas times the number of wells and subtracted this from the total that I obtained from the figures for produced gas.

Q Then returning to your Exhibits 1 and 2, I believe you testified on a per well basis, the excess in Southeast New Mexico on a well basis was about nine and a half per cent and on a lease basis about six per cent, is that correct?

A Yes.

Q The proration unit in all of these pools is 40 acres, is it not?

A Yes.

Q The effect of deleting Rule 4 would be a well basis, would it not?

A Yes, it would be.

Q It would not be a lease basis?

A No.

Q Now, I believe you testified that in your opinion underground waste was occurring, and did I understand you correctly that that opinion is based upon the fact that gas is the reservoir energy and you are dissipating the reservoir energy?

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A Yes, sir.
Q What are the reservoir mechanics energies in the Drinkard, for example?
A Drinkard, I would say, is a combination of gas cap and solution gas.
Q And what about the Monument?
A The Monument probably, I think there's indications of a gas cap, water drive, and solution gas.
Q As a matter of fact, the Monument, many of those oil wells are producing about fifty per cent water, aren't they?
A Yes.
Q Which would give you a high indication of a water drive?
A Yes, and there are some that are producing no water and considerable volumes of gas.
Q May I ask the same question as to the Hobbs?
A The Hobbs is a combination of water drive and solution gas.
Q So, as I understand it --
A These are my opinions.
Q Yes, sir, I understand that. That's exactly what I want. Have you made a study as to how efficient the gas drive is in the three pools?
A No, I have not.
Q That would make a marked difference, would it not, in

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connection with whether or not waste was occurring?
A Yes, I would think so.
Q Now, we spoke of correlative rights and, as I understood you, you felt that it was your opinion that correlative rights were being violated and that the deletion of Rule 4 would cure this, is that correct?
A Yes. Yes, it would. I think it would.
Q Is it true that correlative rights under the statute that you testified to, which is 65-3-29 H, talks about property or lease basis?
A Yes, it does.
Q And yet you are telling us that if you delete Rule 4, we put it on a well basis?
A That's right.
Q So might we not violate correlative rights putting it on a well basis when the statute mandatorily tells us to put it on a property basis or lease basis?
A I don't interpret it that way. I think everything has to go to the well basis.
Q You think correlative rights is on a well basis?
A I think we are looking at 40 acres there and I think, you know, each person should be allowed to get his share of the reservoir energy from that particular well.
Q But not from his property? Say his property is 160 acres.
A Well, he has the right to produce it equally from all

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wells.

Q From all wells?

A Yes.

Q Supposing he has just got one well on the 160?

A We're looking at a 40-acre pool. He has a right to go in and drill three more wells.

Q Mr. Ramey, would you drill a well in the Monument Pool if you could only extract on a one-barrel maximum pool GOR that you show on your exhibits, would you drill that well?

A No. Not if I wasn't going to get some oil from it, I wouldn't.

Q Did you make any study with respect to the thickness of pay in the various wells in these pools?

A No.

Q Thickness of pay is something that you should consider in connection with correlative rights, is it not?

A No. I think that your main concern here on correlative rights is reservoir energy.

Q But not thickness of pay?

A That's my opinion, yes.

Q Now, with respect to your recommendation --

A Each operator should be allowed to get his fair share of the reservoir energy.

Q Does a fair share include thickness of pay, that is my

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question.

A Up to what you are allowed to produce from the pool.

Q You've got a hundred feet under your well and I've got one foot under my well. That's what I am getting to. Doesn't correlative rights consider the hundred foot and one foot thickness of pay?

A Possibly should.

Q As I understood your recommendations, it was to delete Rule 4, which puts us all on a well basis. Would you consider that another alternative is to have a study of these pools to take into consideration the various pressures in the component parts of the pool, to take into consideration the thickness of pay, to take into consideration what the reservoir drive is, and then come up with a recommendation to the Commission on a pool by pool basis, knowing that the pools are different throughout from northwest to southeast, for example, would that seem logical to you as an alternative?

A You are proposing one of my alternate suggestions of separate pool rules for each pool in the state, then?

Q After a study, but not just a pool rule without a study.

A Well, I personally think now this is a possibility, I mentioned this --

Q Yes.

A I am sure conditions differ from pool to pool, but I

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think this is a study that might be several years down the line before we could get it all resolved, and I think the thing to do is to put in effect the deletion of Rule 4 and then the operator -- certainly the Commission is receptive to hearing anything, we always have been.

Q Then would you recommend to the Commission that in instances where the operators are making and diligently prosecuting a study, that you put a moratorium on the deletion of Rule 4, suspend the enforcement of it during the period of a study for a reasonable time? Would you make such a recommendation?

A My recommendation was for July 1st, and I think the sooner the better. I wouldn't change that. I think it should be done as soon as possible. I think we have a trend here of per well average excess gas going up and I believe it's going to stay that way.

Q As I understood you, we have lived with this rule for 22 years?

A Yes.

Q Your Exhibits 1 and 2 encompass, of course, a number of other pools besides the three mentioned here. Did you make a similar study to the remaining pools in Exhibits 1 and 2 as to similar information on Exhibits 4 and 6?

A No, I did not. I used these three primarily because I have used them at various times in the oil allowable

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hearings and I knew what the situation was in these pools.

Q Well, you had more information about them, more knowledge about these pools for quick study, is that what we're really saying?

A Yes.

Q Now, are you familiar with the fact, you mentioned a minute ago that the operators ought to come in and ask for increased GOR's, perhaps, if they feel them justified; are you familiar with the fact that that actually occurred in the Drinkard in 1969, that the operators were considering application for increased GOR's in the Drinkard Pool?

A Yes, I'm sure this is one of them.

Q Are you familiar with the fact that they suspended or abandoned that thought because of the information from the Commission that Rule 4 protected them and they didn't need any change in GOR's?

A That was made known to me. I didn't know that the Commission had advised them of this at the time, but this came out.

Q That has been known to you?

A Yes, since the Examiner Hearing.

Q So that is an instance in which an operator could have protected himself with the increase in GOR's but he did not do that based upon Rule 4, and the advice of the Commission that Rule 4 protected them without an

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application?

A Well, I think somebody in the Commission advised them of this, but I believe it was also at this time that I think Skelly had advised the operators that they certainly couldn't handle any excess gas at this time, so I don't believe the hearing would have come about anyway.

Q I believe Mr. Porter asked you a question about what you thought had to be presented for a hearing on increased GOR's. You mentioned that if the plant can take the excess, there would be no waste, that an increase in GOR's would be necessary to have maximum efficient recovery in these late stages of development; am I understanding you correctly?

A You are correct up to, well, basically, yes, you are correct.

Q My question really was, how long do you think it will take a group of operators in the Monument Pool to come up with this kind of evidence, what kind of study do you feel is necessary?

A From my own experience, this could go several years.

Q Do you think, though, that they could probably wrap up enough evidence, so-to-speak, in a six-months' study to be rather persuasive?

A It probably could be done. But then, again, I think back when I was with Skelly, I came out here in '53,

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and I immediately went to Fort Worth to work on an Engineering Committee for the Dollarhide Pool, and this was in '53. We formulated unit plans, showed that waterflood should take place, and some of these didn't go into effect until the late '60's, so there was a fifteen-year period.

Q Let me ask you this question, --

A Engineering Committees and studies can take a long time.

Q -- if there was evidence presented that a study could be done and concluded within six months in the Drinkard and Monument, for example, would you recommend to the Commission suspension of the deletion of Rule 4 pending a study?

A No. It's my recommendation that we put the rule into effect by the deletion of Paragraph 4 and then let the operators come in and if they can furnish us with a study that would warrant something like an increase in GOR, why, fine.

Q But what you want to do is penalize them now, even though they are diligently trying to make a study?

A No. I don't want to penalize them now. I want the rule to go into effect now, which I think is a wasteful rule, which I think we have lived with long enough.

Q In fact, we have lived with it 24 years that we know of?

A Yes, that provision.

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Q And you want to put it in effect immediately?
A That provision, yes. I don't know what we have had to live with for 24 years, but this is something that has bothered me for several years, personally.
Q Have you mentioned it to any of the operators out in the Monument or Drinkard Pool, that this is bothering you, that you wanted to change it?
A I thought I always made it clear to operators. However, some have advised me that I did not to them.

MR. CHRISTY: Thank you very much, Mr. Ramey.

CROSS-EXAMINATION

BY MR. PORTER:

Q Mr. Ramey, before we proceed with the next questioner; a question has been raised here concerning the factors of pressures and pay thicknesses in determining what is the proper amount of gas to withdraw I suppose. You also handle proration for Southeast New Mexico?
A Yes, I do.
Q What factors are used in the proration of oil?
A We certainly don't use, actually just the production of oil and the production of gas. It's the gas-oil ratio, the allowable is set on the basis of gas production up to a certain point.
Q In other words, in the assignment of oil allowables, you have the factors of acreage, depth, gas-oil ratio?

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A Right.

Q You do not use pay thicknesses or pressures?

A That's correct.

MR. PORTER: Does someone else have a question?

CROSS-EXAMINATION

BY MR. KELLAHIN:

Q Mr. Ramey, in connection with the question that was just asked by Mr. Porter, you do understand that the statute requires that the proration orders permit each operator to produce his fair share of the oil and gas underlying his tract?

A I think that's what the statute says.

Q That is the definition of correlative rights, is it not?

A I think it also brings in reservoir energy, doesn't it, Mr. Kellahin?

MR. KELLAHIN: I would like to call the Commission's attention to the provisions of 65-3-29, paragraph H.

"'Correlative rights' means the opportunity afforded, so far as it is practicable to do so, to the owner of each property in a pool to produce without waste his just and equitable share of the oil or gas, or both, in the pool, being an amount, so far as can be practicably determined, and so far as can be practicably obtained without waste, substantially in the proportion that the quantity of recoverable oil or gas, or both, in the pool, and for such purpose to use his just and

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equitable share of the reservoir energy."

Q Now, in making your calculations on reservoir voidage, did you take those factors into consideration as to the amount underlying any individual tract?

A No, I did not.

Q Based strictly on a per well basis?

A That's correct.

Q Now, you made reference throughout your testimony to excess gas, and I think we understand it, but just to make it perfectly clear, you are not talking about the excess gas as defined in Section 65-3-18, the purchase, transportation and so forth, which is prohibited by law?

A No, this is my own.

Q This is your own definition?

A Right.

Q And it relates solely to the gas produced in excess of the limiting GOR in the individual pool?

A Right.

Q Would you give us the GOR's in the three pools, please?

A Drinkard, 2,000; Monument, 3,000; Hobbs Pool, 3,500.

Q And there are pools with 6,000 to 1?

A Yes, and pools 10,000 to 1. I don't think there's anything below 2,000. And I don't believe there's anything above 10,000 that I can think of right offhand.

MR. KELLAHIN: Thank you. That's all I have.

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MR. PORTER: Mr. Nutter.

CROSS-EXAMINATION

BY MR. NUTTER:

Q Mr. Ramey, referring to your exhibits, I believe they are 5, 6 and 7, underneath the red box exhibits, --

A 6-A, B and C.

Q Okay, 6-A, B and C. What does the red line on those exhibits represent?

A That's the per well excess gas.

Q Now, that's gas produced above the amount of gas that would be assigned by the GOR times top allowable for the pool, is this correct?

A Yes. This is merely, just a figure in each case, say, here in the Hobbs Pool --

Q No, the red line, I am sorry.

A Well, in the Hobbs Pool we had 60 barrels or 60 or 40 wells that produced excess gas, the total excess gas was 75,000 MCF, divide this into this and you come out with the figure around 1800 MCF per well.

Q Now, coming over here to the Drinkard Pool, Mr. Ramey, looks like the curve takes a rather sharp break right after the year '67; would this be correct?

A '68.

Q '68. And from there on up that curve goes upward rather steeply?

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A Yes.
Q What were the allowables assigned to the Drinkard Pool, top allowables in 1968, Mr. Ramey?
A It seems like they were around, the normal unit allowable was around 60 barrels at that time, Mr. Nutter, and applying 1.77 depth factor would make them what, around a hundred barrels.
Q If we assume for purposes of discussion that this tabulation that I have in my hand of allowables would be correct, we would find in the month of January we had the low for the year, which was 56 barrels, in the month of March we had the high for the year, which was 60 barrels, and every one of the other ten months had an allowable of 58 barrels. So there in 1968 when that line started making its break upward, we had an allowable that averages 58 barrels for the year?
A Right.
Q Now, what's the high year there that you show, 1970?
A 1970, yes. '71. This is February of '71, is the last.
Q Oh, well, this is on a monthly basis, then?
A Yes.
Q We can compare month by month?
A No, this is for the month of February each year.
Q Yes, February of each year.
A Yes.

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Q If we take February of 1968, the allowable was 58?
A Right.
Q And we take February of 1971, and the allowable was 80 I believe, is that correct?
A Correct.
Q So, in other words, you had more excess gas per well being produced even despite the fact that the allowables had gone up from 58 to 80?
A That's correct.
Q So while we may have lived with this rule for 22 years and the red line on your Exhibit 6 indicates that maybe it's time for a change, the actual need for the change has diminished, the apparent need has even diminished by the increase in allowables, is this correct?
A Yes.

MR. PORTER: Would you like me to put Mr. Nutter under oath?

MR. CHRISTY: I have heard him testify many times but never under oath.

MR. NUTTER: Oh, you have too.

A In '61 and '62 you had allowables in the range of 36, 38 barrels.
Q (By Mr. Nutter) And you have much more excess gas being produced now with higher allowables than you had even with lower allowables?

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A Well, no, the excess gas --

Q Per well?

A Per well, yes. The volume of excess gas is essentially the same. The allowed gas is more than doubled in the period, 36 barrels to --

Q Also each of the other two charts there show a red line sharply increased, I believe it looks like about 1966 or '67, in the Monument Pool when the curve took the upward break?

A It's '68. In the Hobbs it's '69,

Q But in this period of higher allowables you have also seen the per well excess go up despite the higher allowables?

A Yes, I sure have.

MR. NUTTER: That's all. Thank you.

MR. PORTER: Anyone else have a question of Mr. Ramey?

MR. HATCH: I have a question or two.

MR. PORTER: Mr. Hatch.

REDIRECT EXAMINATION

BY MR. HATCH:

Q Mr. Ramey, do each of the oil pools in the state have proration units?

A Yes. They're set up on some proration unit, 40 acres is the basis, is the basic unit under the rules and

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regulations, some pools have 80, some 160's.

Q What is the basis of a proration unit? Why would some pool have 40 and some pool have 80 or some pool have 160?

A Our rules and regulations state that oil production shall be developed or oil pools shall be developed on 40-acre spacing. To obtain 80 or 160 or anything in excess of 40, why, there has been a hearing before the Commission or an Examiner to establish that wells on 80's or 160 will efficiently drain this much acreage.

Q The size of the unit, then, is based upon when a well can efficiently and economically develop and not on the size of the lease?

A That is correct, yes.

Q Is it possible to have more than one well on a 40-acre proration lease?

A Yes. We have this situation in, you know, numerous situations where we have more than one well on a 40-acre proration unit, the allowable of which is, in other words, they get one 40-acre allowable to be divided in any way they want to among the four wells. They can produce one well or they can produce six wells, I guess, if they go through the proper procedure on each 40-acre tract. But they'll only get one 40-acre allowable.

MR. HATCH: That's all the questions I have.

MR. PORTER: Anyone else have a question?

MR. CHRISTY: May I ask one more, please?

MR. PORTER: Mr. Christy.

RECROSS-EXAMINATION

BY MR. CHRISTY:

Q In response to Mr. Nutter's inquiry to you, isn't it true that normally the GOR's increased in the field as the field declines, becomes older, in a solution gas drive reservoir?

A Yes, they do.

MR. CHRISTY: Thank you.

RECROSS-EXAMINATION

BY MR. NUTTER:

Q Wouldn't it also follow that when that starts occurring, it is time to start limiting some of the gas production from those high GOR wells?

A Yes, that's the purpose of setting a limit, is to conserve the gas, let's keep the gas in the reservoir until we get the oil out, as much gas as we can.

Q When you start having GOR's skyrocketing, that's when you have to take a look at Paragraph 4 of 506 and consider the possibility of deleting it, is that correct?

A Yes, that is correct.

MR. CHRISTY: One more question in response to that.

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RECROSS-EXAMINATION

BY MR. CHRISTY:

Q What happens to the owner of the property that's on top of the gas cap if you want to keep all the gas in the reservoir to produce the oil? Have you violated his correlative rights?

A I still consider he's getting his fair share.

Q But I thought you wanted to keep all the gas in the reservoir.

A We do.

Q To produce the oil?

A That would be the ideal situation, yes. Let's shut in the gas.

Q You would violate the correlative rights of the owner of the property in the gas cap, would you not?

A No.

Q You would not?

A No.

Q How does he get his gas out if you keep all the gas in the reservoir to produce the oil?

A We keep the gas in the reservoir, -- now, this is ideally?

Q Yes, sir.

A It never seems to work out this way unless you get an early unitization in a pool. The idea is, let's keep the gas cap gas in there, let it expand, let it push the

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oil to the oil wells lower on structure, then when the oil is gone we produce the gas.

Q What about in the Drinkard now, that is only producing about five barrels, isn't it?

A Somewhere, five to six barrels.

MR. CHRISTY: Thank you, sir.

MR. PORTER: You want equal time, Mr. Nutter?

MR. NUTTER: No, I think the answer to that is obvious without any further questions.

MR. PORTER: I think so. Does anyone else have a question? Mr. Ramey may be excused.

(Witness excused.)

MR. PORTER: Mr. Christy, you may call your witness.

MR. CHRISTY: We have some exhibits to put up.

MR. PORTER: If you would like to go now, or Mr. Kellahin can put on his witnesses.

MR. KELLAHIN: We would like to follow.

MR. PORTER: I was thinking that since he had one witness he might put on his testimony prior. I would not want to interfere with the way in which you want the evidence to be presented.

MR. KELLAHIN: This witness's testimony will not run until noon but we will put it on, it won't make any difference.

MR. PORTER: If you would like to put him on, we

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might as well proceed with your testimony at this time.

MR. KELLAHIN: Yes, sir.

(Witness sworn.)

JERRY MORITZ

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Would you state your name, please?

A Jerry Moritz.

Q By whom are you employed and in what position, Mr. Moritz?

A I am employed by BTA Oil Producers in Midland, Texas as a reservoir engineer.

Q Mr. Moritz, for the benefit of the Commission, would you briefly outline your education and experience as a reservoir engineer?

A I received my formal education at the University of Tulsa, graduating in June of 1960, at which time I was employed by Skelly Oil Company in Hobbs. I worked for them for four years in various positions in reservoir engineering and production engineering. I then, in June of 1964, moved to Texas Pacific Oil Company as a staff reservoir engineer. I was employed with them strictly in reservoir engineering projects for four years, at which time I joined BTA Oil Producers as a reservoir

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engineer.

Q Where is BTA Oil Producers operating at the present time?

A We are operating out of Midland, Texas.

Q And do you have properties under your supervision in the State of New Mexico?

A Yes. We have various properties, the main properties, of course, are in the Vada Penn trend.

Q Now, in connection with the hearing on Case Number 4552, have you examined the effect of this change in Rule 506 by the deletion of Rule 4 would have on your operations in the Vada Pool?

A Yes. We have attempted to make a detailed study of the, not only the effect of the rule, but also the process that we would have to go through to come in compliance with this rule; since there has been considerable mention of the Vada Pool through its flaring problem up there, we decided to take some action to determine what effect this rule might have, so in July, 12th, of '71, we cut the production rate on approximately 13 of our leases. These leases are shown on this Exhibit 1 that I have presented.

(Whereupon, BTA's Exhibit No. 1 was marked for identification.)

I have attempted on Exhibit 1 to show the average production before our rate cut, oil per day and MCF of

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gas per day. I have also shown what we think the average production has been since this cut which has been in effect probably six days now.

As you can see from this exhibit, we cut the oil production from approximately 3145 barrels of oil per day to approximately 1790 barrels of oil a day. This cut was accomplished by reducing our gas rate from approximately 21,000 MCF per day to approximately 14,000. With these cuts put into effect we successfully put out the flares on 7-15 of '71. We also have information to indicate that there were several operators cutting their wells' rates at the same time and probably helped successfully in turning the flares off.

We would like to, in our presenting this to the Commission for their consideration, because we feel that this rule change is very wide-sweeping since it is affecting a statewide rule, and we would like to have the Commission consider this data from the standpoint that Mr. Ramey has stated that waste is occurring under the conditions he depicted, we feel that there is a chance, at least in the Vada, that there may be waste created here and we would like to have the Commission consider this before their final ruling on this order.

The waste, in our opinion, is occurring as shown on Exhibit 1, through the change in GOR's. Our GOR

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in these 13 wells was approximately 6800 to 1 before our rate cut. We now notice that the rate cut has affected the GOR and has caused an increase which shows the GOR after the cut to be 7948 to 1, approximately a 16 per cent change. We believe that ultimately this will create waste in the reservoir, and likewise we think there is a possible situation where correlative rights could be affected.

In this light, we would ask that the Commission give the operators some time before the rigid enforcement of these rules are put into effect. This time, we believe, will have to be used to work with Warren in this particular case, to either add compressor horsepower or solve the problem in some other way. We feel that the problem will have to be solved with Warren.

In this light, I think it's worthy of the Commission to consider that the operators and Warren have been fighting this problem since November and BTA alone has spent $48,000 in helping Warren rent temporary compressors to compress this excess gas, and we feel, of course, that we are going to continue to fight this problem for some time into the future.

Q Would you recommend that the study you propose be made, be made on a pool by pool basis?

A Yes, we would.

Q On the basis of your experience, have you found that the producing characteristics of one pool vary from another in that what would be an efficient operation in one pool on a GOR, for example, would be wholly inefficient in another?

A Yes, I do.

Q Do you think that a study would bring this out so that the Commission could properly regulate the problem which we have presented here today?

A Yes. I think this type of study would be worthwhile. I also believe we have a more immediate concern in our studies too, is to determine what can be done, say, for one thing to make sure that the flares in the Vada Pool stay out, and this would require a more immediate and probably faster-moving type study than a complete reservoir type study, and we would appreciate the privilege to be able to do this before, say, being completely shut down or having the rule rigidly enacted against us.

Q Was Exhibit Number 1 prepared by you or under your supervision?

A Yes.

MR. KELLAHIN: At this time I would like to offer in evidence BTA's Exhibit No. 1.

MR. PORTER: If no objection, BTA's Exhibit 1 will

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be made a part of the record.

(Whereupon, BTA's Exhibit No. 1 was offered and admitted in evidence.)

MR. PORTER: Any questions? Mr. Ramey.

CROSS-EXAMINATION

BY MR. RAMEY:

Q Mr. Moritz, as I understand it, you would like to see the Commission remove their restrictions that they now have on the Vada?

A You mean by the July 1st?

Q Yes.

A Well, yes, we would like to, but the main concern we have right now is further restrictions. Obviously we have a method here whereby we can affect the flares and I assume that this is one of the major problems that we are faced with this gas going to waste --

Q Well, we did have a situation where we were flaring ten million a day in the Vada area?

A Right.

Q So you would say let's go ahead, let's go ahead, let's flare this gas until we make a study?

A No. We aren't flaring it now. We aren't.

Q In other words, you would go ahead and leave your wells cut back like this?

A Yes.

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Q But you do want the restrictions removed?
A No, we feel that the restrictions are already there and we are cutting back to meet these restrictions.

MR. PORTER: I assume you are complying with the memorandum?

THE WITNESS: Yes, we are complying with the memorandum, or attempting to, and we want the Commission to, at least in their study of this rule change, to consider the data we have here and we do not want to be slapped with any more restrictive rules than this one if we can get by with it.

Q (By Mr. Ramey) Along the same line, Mr. Moritz, if we required special GOR tests at this time in the Vada, you would have the same effect here? Your oil allowable would be cut back to some figure that would allow you to produce the top allowable times the limiting ratio, isn't that right?
A Yes.
Q So we could remove the restrictions and require you to take gas-oil ratio tests?
A Correct. You could. You mean on a monthly basis?
Q So, in essence, if we required you to take gas-oil ratio tests, which was an alternative, another alternative that I had in my provision, it would do the same thing as you are doing now?
A Right.

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MR. PORTER: Mr. Moritz, as I understand the memorandum which we put out referred to as Number 2-71, actually accomplishes what the removal of Paragraph 4 in Rule 506 would do, in that it limits production from any well's top allowable times the GOR limit for the pool?

THE WITNESS: Yes. As we interpret it, yes, it does.

Q (By Mr. Ramey) And then you are saying that waste will occur if we enforce the 2,000 to 1 GOR limit in the Vada Pool?

A Yes. Well, I think the evidence shows that it is, and I think that the operators need to determine whether this is the way to go about it by the elimination of this rule.

Q Do you think your figures here are well stabilized production figures in just six days?

A No. I think there's a possibility they will change one way or another from this.

Q They will change one way or another?

A But the trend seems to be in this direction.

Q At the present time?

A Right.

MR. PORTER: Your Exhibit No. 1 shows that was curtailed oil production, your gas-oil ratios have increased --

THE WITNESS: Yes.

MR. PORTER: By 16 per cent?

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THE WITNESS: Yes.

MR. RAMEY: After six days.

MR. PORTER: Any further questions? Mr. Hatch.

CROSS-EXAMINATION

BY MR. HATCH:

Q The GOR limitation in the Vada Pool is 2,000 to one?

A Yes.

Q The 2,000 to one limitation is not present in all the oil pools in the State of New Mexico?

A No, it's not.

Q So that any restriction of this rule as has been discussed here would not establish a 2,000 to one ratio in each pool?

A No, it would not.

MR. HATCH: That's all.

MR. PORTER: Mr. Hatch, I believe in answer to your line of questioning, it perhaps might be obvious that the Commission would not want to increase the GOR limit in any pool where you have a problem of flaring at the present time because that would just add to the problem.

Mr. Utz.

CROSS-EXAMINATION

BY MR. UTZ:

Q Mr. Moritz, what period of time are these figures for shown on your exhibit?

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A Well, the "After Cut" column is, represents an average production that we show for the five -- well, actually it's, yes, the five days, and the "Before Cut," in general, represents June's production; however, there is some cases where we have noticed drastic increases in this gas production, say, even in the first part of July, but generally it's June's production.

Q What would your top unit allowable times 2,000 for the five days be, would you have that figure handy? What I am wondering, how would it compare with your figure 14,260?

A It would be 668 MCF per day times what, 13 wells here.

Q 8684, is that it?

A Right.

Q Times five days?

A No, this is per day.

Q This is the average per day. In other words, the 14,260 is substantially higher than the limit, the GOR limit?

A Right. Well, I think there's one lease here that has two wells to cap, so it would be essentially, you are right, it is still over the limit.

Q So that in order to meet the 2,000 GOR limit, you would obviously have to curtail your production even more?

A Yes.

Q Is that the point you are making?

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A Correct.
Q Or do something about remedial work to the well?
A There is no possibility of remedial work in this reservoir, in my opinion. This is a characteristic of this reservoir which is unique, but nevertheless, is a characteristic and has been seen coming for quite some time.

MR. PORTER: Mr. Nutter. Mr. Utz, excuse me, were you through with your questions?

MR. UTZ: I had one more.

Q (By Mr. Utz) I was just going to ask him what stage of completion he thought this reservoir was in.
A Well, I would say it's pretty far along, we originally entered the reservoir in this area that I am presenting here at about 2500 pounds and we are probably less than a thousand, average over all the area about a thousand now. So we're fairly far along.

MR. UTZ: Thank you.

A Particularly in this reservoir the pressures have a tendency to go very fast.

MR. UTZ: Thank you.

MR. PORTER: Mr. Nutter, would you like to ask your question?

MR. NUTTER: Yes.

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CROSS-EXAMINATION

BY MR. NUTTER:

Q Mr. Moritz, you are conducting a pilot waterflood project in the Vada Penn Pool at the present time, aren't you, Mr. Moritz?

A Yes.

Q Would removal of gas at unrestricted rates enhance the chances of success with this waterflood project?

A I don't know whether I could say. I don't know whether I know.

Q It's not the usual case that it would enhance the chances?

A No. But I haven't found too many things usual about this reservoir.

MR. NUTTER: Okay. Thank you.

MR. PORTER: Any further questions of the witness? You offered your exhibit, I believe?

MR. KELLAHIN: Yes, sir, I did.

MR. PORTER: The witness may be excused.

(Witness excused.)

MR. PORTER: Now, I believe that Mr. Christy indicated that in behalf of his four clients he has three witnesses, the clients outnumber the witnesses, that he will have some exhibits to post?

MR. CHRISTY: Yes.

MR. PORTER: Suppose we take the noon recess at this

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time and get back here promptly at 1:00 o'clock. I think this will give us a better chance to get into eating places now and give you a chance to get your exhibits posted.

(Whereupon, the noon recess was taken.)

AFTERNOON SESSION

MR. PORTER: The hearing will come to order, please. At this time the Commission will recognize Mr. Christy.

MR. CHRISTY: If it please the Commission, we have, I believe, three, possibly four witnesses. I would like to take the first witness on direct and ask him to be sworn.

MR. PORTER: All right. Suppose we swear all the witnesses at the same time.

(Witnesses sworn.)

MR. CHRISTY: For the record, Mr. Roy Williamson, who is on the stand now, has been duly sworn.

MR. PORTER: Yes, sir.

ROY C. WILLIAMSON

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. CHRISTY:

Q Would you please state your name and address, by whom you are employed and in what capacity?

A Yes. My name is Roy C. Williamson. I am a partner in the consulting firm of Bailey, Sipes, Williamson and

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Runyan in Midland, Texas.

Q You are a consulting engineer?

A That is correct.

Q Would you briefly tell the Commission the schools of higher learning attended, if any, and degrees received, if any?

A I graduated from the University of Oklahoma in 1956 with BS Degrees in petroleum engineering and geological engineering.

Q Since that time, since your graduation, what experience have you had in the oil and gas business with respect to petroleum engineering and geological engineering?

A After graduating from O.U., I spent a couple of years in the Air Force. I then went to work for Gulf Oil Corporation. I was under a training program at Odessa, Texas for one year. After that I went to Monahans, where I had three years' field experience. At the end of that time I was transferred to the Midland District Reservoir Engineering Section where I spent five years as a reservoir engineer, performing all types of evaluations, primary, secondary evaluations, testifying before regulatory bodies and this sort of work.

Then in 1967 I left Gulf and went to work for what was then the Consulting Division of Lybrock, Landrith, Campbell and Calloway. My partners, Mr. Sipes and Mr.

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Bailey and I bought the assets of this company, oh, in probably early 1969, about two and a half years ago, and we then added our partner, Runyan, and we're now Bailey, Sipes, Williamson and Runyan.

Q Has your experience as a consulting engineer included generally the Permian Basin and specifically I ask you about Southeast New Mexico?

A Yes, it has.

Q You have done considerable work in Southeast New Mexico in a consulting engineer capacity?

A Yes.

Q Were you employed to do a study of certain pools in Lea County, New Mexico with respect to this case?

A Yes, I was.

Q And about when were you employed?

A It was about a week ago Monday, about the 12th of July, I believe.

Q What did that study consist of, what were you asked to do?

A I was asked to look at the Monument, Grayburg, San Andres and the Drinkard pay in relation to the hearing called to do away with Rule 4 (b).

Q Which is Rule 4 (b) --

A Of Rule 506.

Q -- of 506?

A Right.

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Q Of this Commission's rulings. Did you devote substantial time to that study since such employment?
A What time was available. It was a rather short period of time.
Q Do I understand that you wish you had more time?
A That is correct.
Q Did you have an opportunity to make a study of the Hobbs Pool, which was testified to hear earlier this morning?
A No, I did not.
Q Now, Mr. Williamson, do you have any contingent fee interest in this case?
A None whatsoever.
Q Your bill is going to be the same win, lose or draw, so-to-speak?
A That is correct.
Q Do you own any interest in any oil or gas wells in New Mexico that could be affected by this decision?
A I do not.
Q Do you own any at all?
A Elsewhere, yes, but not in New Mexico.
Q In New Mexico?
A Not New Mexico, I do not.
Q Based on your study that you wish could have been longer, do you have a general recommendation, we'll get into the specifics in a moment, do you have a general

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recommendation to this Commission with respect to the deletion of Rule 4 (b) of 506?

A Yes. My opinion, I think that the implementation of deleting this rule should be delayed pending a complete study of not only these fields, but any other fields that may be affected by this rule, in order that the proper rules can be determined for not only protecting equity but conserving reservoir energy.

Q Does this include an opinion with respect to whether or not waste could occur by deletion of Rule, shall we call it 4, without such a proper study?

A That is correct.

Q Do you have a specific example of that opinion before the Commission?

A Right.

Q I am not asking you for the example, but do you have a specific example?

A Yes.

Q We will get to that later.

A Right.

Q Will we not?

A Right.

Q Does your study indicate that correlative rights could be violated by the deletion of Rule 4 without such a study?

A That is correct.

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Q And you have a specific example of that to give to the Commission?

A Yes.

Q Do I understand you, then, that your general recommendation is, so-to-speak, to hold the status quo pending a study?

A That is correct.

Q In your study, I believe you have prepared certain exhibits?

A I have.

(Whereupon, MKA's Exhibits 1 through 9 were marked for identification.)

Q I will ask you now to turn to Exhibit 1, which is up on the board; tell us briefly what it is and then we will go into some of the specifics of it.

A Exhibit Number 1 is a structure on the top of the Grayburg pay, and this map was taken from the Symposium of Oil and Gas Fields of Southeastern New Mexico, published in 1956 by the Roswell Geological Society.

Q This is the Monument Eunice Field?

A That is correct. In view of the time that we had to prepare our exhibits, we had to take this map as is. I am sure there would be some changes if somebody went in now with the possible extension of some development

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around the edges and there may be some differences in the pay columns, but for the purposes of illustrating our points, we utilized this particular map.

Q I notice there is a legend. Would you briefly, for the record, explain what the legend means?

A The legend shows pressures, and these are colored in yellow in the legend as on the map. Now, the pressures that are slanted with no parentheses were the bottom hole pressure measurements taken by the field engineering committee in March 1971.

Q Are these pressures a matter of public record in the O.C.C. files?

A That is correct. The pressure that is vertical and has parentheses were pressures run by one of the operators in the field in July of 1971.

Q And did that operator furnish those pressures to you?

A Yes, he did.

Q You have a little red mark down at the bottom?

A Yes, the red mark is an indication of wells that are producing 2,000 barrels a month or over.

Q Now, for further identification of the exhibit, there's words, some words on the lower right, "Gamma Rate," and then "Neutron" and a bunch of little wiggly lines that don't mean anything to me. Can you tell us what that is identifying?

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A This is a typical log throughout the Monument Eunice Field. It shows what someone has called the top of the Grayburg, an apparent gas-oil contact, top of the San Andres and an approximate water-oil contact. This is just merely a representation of what an average section would look like in this field.

Q I also notice on the left-hand side, about the center, you have Monument GOR limit, 3,000 to one, Eunice GOR limit, 6,000 to one, and a line horizontally across the map. What is that all about?

A Okay. The line separates the Monument and the Eunice Fields. The gas-oil ratio limit in the Monument Field is 3,000 to one, across the line in the Eunice the GOR limit is 6,000 to one. In fact, this is one entire reservoir. It's the same reservoir, and this separation was made quite some time ago and, frankly, I was not able to find out why.

Q So in the one pool there are two different gas-oil ratios?

A That is correct.

Q In fact, one of them has exactly doubled the other?

A Right.

Q Now would you go ahead and explain what Exhibit 1 depicts with respect to what is concerned in this case?

A I think the main thing we can get from this exhibit is showing the variance in pressure that occurs throughout

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the Monument area. I might call your attention, for example, in Section 17 of Township 20, 37 East, we have a pressure measurement of 757 pounds. Over in the Section 2 of 20, 36, we have a pressure of 517. Up to the north in Section 19 of 19, 37, we have pressures 11 and 1200. So we do have quite a variance in pressures over the area of the Monument Field.

Q With that rather substantial variance of pressures, can you use average pressures in making calculations?

A No, you cannot. An average pressure, of course, as it denotes, is the summation of all the pressures here and any average is going to be either less or above that particular point throughout the area.

Q By the use of average pressures, will you violate correlative rights?

A Yes, you can, because in the instance of a voidage calculation, which is what we're concerned with here, voidage in a place where we have a pressure of, say, 500 pounds is different in the reservoir than the place there where we have 1100 pounds.

Q So in determining voidage, you have to take it by general areas within the pool, based on similar pressures, rather than using an average pressure throughout the pool?

A That would be the correct way to do it.

Q Anything else on Exhibit 1?

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A I might mention that we do have a cross section trace over here, A-A^1, starting in Section 30 of 19, 37, and trending generally southward, ending in Section 17 of 20, 37.

Q I believe that will lead us to Exhibit 3, will it not?

A That is correct.

Q Which is the long map across the top with all the wiggly lines that I don't understand?

A Right.

Q Would you briefly identify Exhibit 3?

A Exhibit 3 is this cross section that I mentioned, lying in generally a north-south direction in the Monument Field. The heavy line between the various logs is the top of the Grayburg pay. The red intervals here are the producing intervals, they may be perforations, they may be open holes. I did not make any difference between the two types of producing intervals, but these do show where these wells are producing, as best that I can determine from the record. There are a couple of wells here that I was unable, the second one on the cross section and the fifth one, I was unable to determine what the current producing interval was, and in the press of time I did not pursue it.

Q It looks like about the ninth well is completed below the TD, isn't it?

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A That is correct. The records show that perforations occur there, obviously this well was deepened and the log that I was able to obtain was taken prior to the deepening operation. That occurs in several places.

Q Now, would you explain to the Commission the importance, if any, of Exhibit 3 with respect to the matters concerned in this case?

A Well, I think it's very obvious in looking at the completed intervals that each well in a sense is completed in a different portion of this Grayburg San Andres section. Referring back to Exhibit 1, we see that the total pay section can have a thickness up to four to five hundred feet. And looking at the completed intervals on this cross section, we see in some cases perforations in the bottom of the section, some up toward the top of the section, some covering a large part of the section, some only covering a very short part of the section. So, therefore, it's very difficult to take gas-oil ratios, production, pressures, from this type of completion history and determine exactly what is happening in the reservoir.

Q Did you, incidentally, make a calculation of oil production and gas-oil ratios in the Monument?

A Yes, I did.

Q You do have a depictment of that, and I refer you to

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Exhibit 5?

A Right. Exhibit 5 shows the annual oil production and the annual gas-oil ratio, in this case from 1942 up through 1971. You'll note in 1952 we have a marked drop in the oil production, it was at a point in which the Monument Field production was broken out in the Commission records from the Eunice Field. The oil production in the Monument Field from 1952 to current times has essentially been declining. We did have some flattening in 1965, a slight increase through '69, and since then, level to 1970. We also show the annual gas-oil ratio, which is generally increased. We have a rather marked increase in gas-oil ratios starting in the latter part of 1967 and is currently somewhere in the neighborhood of 6500 cubic feet per barrel for 1970.

Q I note that you did not show the oil production for 1944; is there some reason for that?

A It was not in the record. I was not able to pursue why it was not shown.

Q What is the importance, if any, of Exhibit 5 with respect to the matters under consideration in this case?

A I think we're looking at a typical performance curve, or rather one that is overall in the latter stages of depletion. We have an increase in gas-oil ratio. We have essentially a declining flat oil production, and the

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increase in gas-oil ratio in this case could be a function of some of the things that we're talking about here today, but with the overall of about a 6500 in 1970, and it's a pretty sharp increase in 1967, I think that indicates that we are in the latest stage of completion and we probably should look at some additional, or a change, rather, in the field rules for the depletion of this type reservoir.

Q Does that end Exhibit 5?

A Yes, I believe it does.

Q I would like you to refer to Exhibit 2, and would you briefly identify it?

A Exhibit 2 is a contour map, --

Q Just push it under the lights.

A Okay. Exhibit 2 is a structural map contoured on top of the Drinkard pay. It's from the same source as I mentioned before for the Monument map. We have in the legend, again, the bottom hole pressures are shown in yellow. These are the Pool Engineering Committee pressures taken in November of 1970 and are recorded in the Commission records.

Q Are they the latest available?

A The latest that are available in the public records; whether any individuals have run them, I have no knowledge.

Q All right.

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A Again the red circles show wells that are producing 2,000 barrels a month or over, and I will point out there's only one well that is producing that and that's in Section 28 of 21, 27.

Q By the way, why did you use your 2,000 barrels for your red marks in both Exhibits 1 and 2? Is that essentially a top allowable?

A Essentially it was a top allowable in the Monument Field, and, of course, the top allowable in the Drinkard Field is considerably higher. There would be no wells, so I was trying to show the stage of depletion and the producability of the wells in this field, so I just used the same 2,000.

Q Again, at the top I notice the word "Type log" in wiggly lines; again, is this the same type of information sub surface that you showed on Exhibit 1?

A That is correct. This is a typical log in the producing section, producing pay of the Drinkard Field.

Q Would you explain to the Commission the relevancy of the Exhibit 2?

A Okay. Again we have quite a variance in pressures. I will call your attention to Section 27 of 21, 37, where we have a pressure measured of 483 pounds. Two locations to the west in Section 28 of 21, 37 we have a pressure of 1265 pounds. Going up to Section 3 of 21, 37, we have a

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pressure measured here in the O Unit of 970 pounds. In the M Unit we have 552 pounds.

Q It's rather a marked change in pressure, is it not, for such a close proximity?

A Yes, it really is.

Q Can you explain why it would be?

A I am at a loss to explain it because I have not had time to study the reservoir and study the completion interval and the conditions under which these pressures were taken; therefore, I do not know why there is such a pressure difference.

Q I asked you a question about using averages in Monument Exhibit 1. I will ask you the same question with respect to the Drinkard.

A The same thing applies. An average used here cannot protect correlative rights or prevent waste, as the case may be, because an average cannot apply to all parts of the field. We have quite a variance. Those are only two examples. There are quite a number of examples where these pressures do vary quite markedly.

Q I also notice an A to A^1 on the Drinkard down to the southern end of it.

A Right. That is a trace of the, a short cross section beginning in Section 10, 22, 37, and continuing eastward, ending in Section 12 of 22, 37. That cross section is

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shown up here as our Exhibit Number 4. The marks are the same as on Exhibit Number 3. We have a heavy black line denoting the top of the Drinkard pay. We have a red box indicating the producing interval in these wells, and again I'll point out that the completion intervals here vary markedly, as you can see from the various locations even in this short cross section. Again we show producing intervals below the TD as recorded by this log, so obviously there has been a deepening operation, and I was unable to obtain the log, if, indeed, it was logged. It may not have been logged.

Q Go ahead on Exhibit 4.

A One thing I would like to point out, this is the John Hendrix Cascata Number 1 Well which is shown herein, oh, a little bit northeast of Section 12 of 22, 37. You will note that this well is drilled in a part of the reservoir that before had not been developed. The absence of any development in here has been in effect, oh, probably since 1966 about when this map has been drilled, I mean when this map was made. I don't think there have been any other wells drilled in this area. This well was completed in the top part of the Drinkard pay. There are some little line perforations that I'm sure you can't see in the top part of the pay, but in looking at the producing characteristics of that well, which are not as

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good, I am sure, as the operator wanted, it is my opinion that the 4 (b) rule probably gave him a little backup incentive to try to drill and develop additional reservoirs in what hitherto had been a considered barren part of reservoir. This would at least give him a little backup, in case he didn't get an oil well he could rely on some of the gas production from this well.

Q Did you prepare an oil production GOR exhibit on the Drinkard as you did Exhibit 5 on the Monument?

A That is correct. Exhibit Number 6, again, shows the annual oil production starting in 1944, and as you can see, it's a rather classic harmonic decline, as you can see, we had some additional development in the field starting in 1962 which gave a little increase in the oil production and a decrease in the gas-oil ratio. The production has now gotten back to about what would be the trend without the additional development.

I might point out in the Drinkard that the gas-oil ratio, which the earliest date I could find was in 1952, was somewhere around 7500 cubic feet per barrel and its current rate at about 22,000 cubic feet per barrel, which was the average for 1970. We have an increase in gas-oil ratio and a decrease in oil rate.

Q Do I correctly understand Exhibit 6 would indicate the Drinkard is in its latter stages of development?

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A Definitely, the average per well production is somewhere around 5.6 barrels per day.

Q Anything else on that exhibit?

A I believe not.

Q I asked you a few minutes ago if you could give me some specific examples of waste if Rule 4 were deleted. I will ask you now if you will give me that specific example?

A I have had to investigate some of the reworks and the recompletions in the Monument Field and have found in many cases that the active water in this field has, indeed, gotten almost to the top, if not to the top, of the Grayburg pay, which is the top part of the producing section. It is my opinion that if production were curtailed to any great degree and, of course, this is a degree that will have to be determined by a study, that the water encroachment could, indeed, trap the gas that lies in this zone and reduce materially the amount of gas that can be produced in this reservoir.

Q I asked you also specifically if you found an indication that correlative rights could be violated by the deletion of 4 (b). I ask you now for that specific example.

A Again in the Monument Field we have evidence, as shown by the gas-oil ratio, increase in some of the downdip part of the reservoir, that the gas cap, which there

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apparently was a primary gas cap, and I am sure it has been added to by gas coming out of solution, we have a migration of this gas cap toward the downdip leases. Therefore, it is quite possible that a well producing in the top part of this reservoir could lose by drainage some of the gas under the lease.

Q That is by virtue of the production being curtailed as a result of the deletion of Rule 4?

A That's right. A balance would have to be established after a thorough study was made of the producing mechanisms in the field to determine what the rule should be to protect correlative rights and prevent waste.

Q In prior testimony I believe the witness stated that some of his examples might be extremes, and I will ask you if you made any calculations similar to that witness's on averages, and I refer you to Exhibit 7?

A Right, I have. What I did on Exhibit 7 -- Have these been handed out?

Q I thought the whole set of exhibits was right in front of the Commission. Let me give the Commission my seat.

Would you proceed to answer the question, please?

A On Exhibit Number 7 I back calculated the pressure used by Mr. Ramey in his presentation at the hearing on 6-16-71. I was not given that pressure. I'm not sure that it was entered even into the testimony. I felt

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it important to say what pressure was used to carry forward in some other calculations that I wanted to take. In the Drinkard Field, under Number 1 here, I took a bottom hole temperature of the gas gravity, the Z factor, and these are all just mathematics and calculated a gas formation volume factor of 20.08 standard cubic feet per reservoir cubic foot. This says that one standard cubic foot of gas on the surface, when put into the reservoir at the conditions, would occupy 20.08 standard cubic feet.

To check my calculations, then, I calculated voidage in this case on a one-barrel well producing 58,307 MCF of gas. I calculated the voidage of 2903.93 MCF versus the 2908 MCF shown by Mr. Ramey. So, I thought for purposes of illustration to the Commission, I thought this was a close enough determination of the pressure.

Q This was using Mr. Ramey's prior testimony, which I believe he amended slightly today?

A That is correct.

Q Would that make a difference?

A It's a different pressure base and, of course, a different pressure base will calculate different voidages in the reservoir, but for relative purposes, this will do fine to use the lower pressures.

In looking at the example that Mr. Ramey used where the well had produced 58,307 MCF, I wanted to see if this

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were an average condition, or rather, an anomalous condition as far as the gas-oil ratio history in the field was concerned. So I took the produced gas-oil ratio for April of 1971 for all wells in the Drinkard Field that were producing one barrel of oil per day or less and I counted 29 wells. The oil production was 230,583 MCF. The oil production was 696 barrels for a gas-oil ratio of 331.297 MCF per barrels of oil. Using the formation volume factors that I had previously calculated, a one-barrel well producing at the average gas-oil ratio for these 29 wells would void 511.6 of MCF gas in the reservoir as compared to the single well voidage of 2908 MCF. This was done merely to show that the average conditions of all the one-barrel wells were not as extreme as this one example might show.

Q Did you make a similar calculation in the Monument?

A I did. Without boring everyone going through the calculations again, I calculated 1904 MCF versus Mr. Ramey's 1915; I consider this to be a reasonable check. This worked out to be 375 psi. The produced gas-oil ratio for April in the Monument Grayburg, San Andres Field for wells producing one barrel of oil per day, which there were 36 wells, figured out 854.853 MCF per barrel. Applying this ratio to a hypothetical one-barrel well, I come out with a reservoir voidage of 1,011.64 MCF

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as compared with the single well case of 1915 MCF.

To further make a point on the effect of pressure as regarding voidage, I just took two hypothetical conditions, Number C on page 2 of three of Exhibit 7, and I assume that we had 415 psi. A bottom hole pressure for a top allowable well producing at maximum gas-oil ratio.

Going through the mathematics we come out with a voidage of 269.22 MCF. We assumed the same thing for a high gas-oil ratio one-barrel well. We assumed that this well was producing at 765 psi, and we come out with a voidage calculation for this well of 453.19 MCF.

Then, indeed, we have a comparison then between the possible range of voidage ratios between a one-barrel well with no gas restrictions to a top allowable well producing at maximum gas-oil ratio of, in Mr. Ramey's exhibit, 6.34. In my example Number C, 1.68 --

Q For the extremes to the average?

A That's right. Again assuming that these pressure differences would occur, and we know they do occur in the field. This is just an example to show how pressures can affect voidage calculations.

Q Testimony was also offered in connection with a per well calculation on the use of Rule 4 and the deletion of it. Did you make a similar study on a lease basis or property basis?

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A Yes, I did. That is Exhibit Number 8. What I did here, I took the two examples that Mr. Ramey had used in the Drinkard Field and Monument-Grayburg-San Andres Field. In the Drinkard Field the operator is Bruce Wilbanks, the lease is the Brunson "C"; there are four wells producing 160 developed acres. If we have four top allowable wells producing at the maximum gas-oil ratio, and again using Mr. Ramey's voidage calculations, these four wells will void 1872 MCF.

The actual production in the four wells for February of 1971 amounted to a voidage of 3,960.26 MCF. Therefore, the total lease voidage ratio is the 3,960 over the 1872, for a value of 2.11 as compared to the one-well ratio of 6.21. Therefore, this points out that although it is still voiding more than the top allowable wells at limiting gas-oil ratios, that it is not quite as severe when you consider a lease basis as a one-well basis.

Q About two for the lease basis and six for the well basis?

A Right. I did the same thing again for Mr. Wilbanks' Wood State "A" Lease in the Monument-Grayburg-San Andres Field.

Q Let me stop you right there. I believe Mr. Ramey said he wasn't quite sure which well he took in the Monument. Do you believe this to be the same well that he took?

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A I have identified these from the gas volumes that Mr. Ramey reported.

Q These, then, are the wells that Mr. Ramey used?

A As best I can tell, yes.

Q Go ahead.

A The Wood State "A" Lease has one well producing, although it's an 80-acre lease. I assumed that if we had the maximum voidage that should be calculated on a lease basis, we would have again then two top allowable wells producing at the maximum gas-oil ratio for a voidage of 604 MCF. The production from the one well for February of 1971 voided 1353.2 MCF. Again calculating the ratio of the lease voidage, we have 1353 over 604 or 2.24 as compared to the one-well voidage ratio of 6.34.

Q Now, did you also make a study with respect to the effect of increasing the GOR limits in the Monument and Drinkard Pool and what effect it may have upon Rule 4 (b) or the deletion of it?

A I did. In the case of the Drinkard Field I arbitrarily assumed that the gas-oil ratio would be increased from 2,000 to 6,000 cubic feet per barrel.

Q You are now referring to Exhibit 9?

A Exhibit 9, correct.

Q Go ahead.

A I want to point out that the 6,000 is not a recommendation

but it is just a number that I took.

Q Just to give us a comparison?

A That is right. Again, back to the same examples that I used in Exhibit 8, the Brunson "C" Lease, the voidage for four top allowable wells under these conditions would be 5,370 MCF as compared to the voidage created by the four wells' actual production in February of 3,960.26 MCF or substantially less voidage than the top allowable wells would be allowed to produce.

Q All right.

A Moving on to Grayburg San Andres Field, I assumed that the gas-oil ratio was increased from 3,000 to 6,000. Again, this is not a recommendation, I think it's fairly obvious we have part of the reservoir already producing at 6,000 to one and I might in retrospect point out that the Eunice Field is lower structurally than the Monument Field.

Q What difference does that make?

A Well, normally you expect your gas to be updip if you have good continuity throughout the reservoir, and if anything, the two ratios should be reversed.

Q Go ahead.

A The voidage for a top allowable well under the increased GOR limits for the two wells on the Wilbanks Wood State "A" Lease would be 1166 MCF as compared to the actual

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voidage produced by the one well's production of 1353 MCF. This voidage is still slightly greater than the top allowable wells but is much nearer in line than would be shown or was shown by the one-well voidage ratio.

Q Based on your limited study, and I realize you haven't had much time, you feel that there is going to be a necessity for the change in GOR's?

A I definitely feel that there is in both fields.

Q Were Exhibits 1 through 9 prepared by you or under your direct supervision?

A They were.

Q Now, you have recommended a study of the pools involved in Rule 4, how much time are we talking about to make such a study? What kind of a study are you going to do?

A This will have to be a rather detailed study, I feel, particularly in the case of the Monument. The Drinkard will probably be a little simpler. But we see enough problems from looking at what data that we have, to see that we're going to have to contact all the operators in the field, get all data from their completion intervals, their workover history, any type of special testing bottom hole pressures, gas-oil ratios, anything that they have done that will tell us how this reservoir is producing.

We'll have to gather this data, put it all together, draw a sufficient number of cross sections throughout the

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field that we can trace the continuity of the pay. Is part of the payout of contact with another part of the pay. This sort of is an indication by the pressure variance that we have. It would just be a total evaluation of all the available data, the result of which would be a recommendation as to a plan of depletion for the reservoir in the rules as to how this depletion should be undertaken.

Q I gather from your statement that certain of the pools can be done in a few months, others might take up to six to nine months?

A That's right. I think the Monument Field is going to be much more complex than the Drinkard Field, because of the fact you have got obviously at least two or three producing mechanisms operating in the Monument Field.

Q You have been talking about "we", are you the only consulting firm that could do such a study?

A No, not by a long shot. I wish we were, but we're not.

Q There's several firms, reputable firms that could do such a thing?

A That is right. This study could be done by an engineering committee made up of all the operators in the field. It could be done by a consulting firm. It can be done part by each just depending on how the operators wish to go. From a time standpoint, and I would have to use a

reference to my organization at this time, I feel that we could perform a study on both of these fields in six months or possibly less to come up with a firm recommendation as to what rules the field should be completed under.

Q This would be a rather substantial expense to the operators, though, would it not?

A Right. Again, and I don't want to be held to this, I would estimate that the Monument Field might cost $25,000 to do, for instance. Whereas, the Drinkard might cost seven or ten thousand dollars, something in this range.

Q If the operators were interested in spending the money to know the truth on pools, it can be done?

A Right.

Q In somewhere between two months to six months, depending upon the pool?

A Right.

Q Now, based upon the study that you have made with respect to what the Commission now has under consideration, the deletion of Rule 506, 4(b), do you have a recommendation, as an independent consulting engineer, as to what action the Commission should take?

A I recommend that the Commission suspend any implementation for deleting Part 4 (b) from Rule 506 until the operators

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in these fields can come back with a firm recommendation as to the rules for depletion of the remaining reserves.

Q Would you couple that with the fact the operators must act in good faith and diligently to pursue such a study?

A Definitely.

Q Is there anything else that I have not asked you which you have found in your studies that you feel the Commission should be advised about in its consideration of this case?

A I don't believe so.

MR. CHRISTY: We now offer in evidence Exhibits 1 to 9, inclusive.

MR. PORTER: If no objections, the exhibits will be admitted.

(Whereupon, MKA's Exhibits 1 through 9 were offered and admitted in evidence.)

MR. CHRISTY: That is all on direct.

CROSS-EXAMINATION

BY MR. PORTER:

Q You heard Mr. Ramey's testimony this morning, Mr. Williamson, to the effect that only the factors of depth, gas-oil ratios, acreage are used in the proration system in New Mexico?

A Yes.

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Q Now, you have made a recommendation here that the Commission delay the implementation of the rule changing 506 'til this study is made. Do you anticipate that any such study will result in recommendations that might change the proration system in New Mexico?

A No, sir. For this reason, ideally if you could engineer it to the Nth degree you could go in and calculate on an acre footage basis the actual hydrocarbon content under each lease. But in this type reservoir it would be difficult in itself even if the operators wanted to spend the money and the time to do it.

In my opinion, the protection of correlative rights and the waste questions can be solved by the gas-oil ratio limit and the consideration of ownership of hydrocarbons on a lease basis as opposed to a well basis. So I would not recommend that this type study be made, although ideally if we could do it, as we all know, that would really protect correlative rights. In fact, every field in the country should be unitized and produced, not competitively, but to the best interests of conservation. Of course, this is impossible, we all know this. So we have to come up with a set of rules that are feasible and yet practical and protect rights and waste.

Q Do you anticipate that any engineering study that was

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made of this situation might just finally result in a recommendation for an increase in gas-oil ratio limits for these various pools as a means of handling the situation?

A I can't make that statement unqualifiedly because there are things going on in the Monument Field, particularly, that I think we need to identify. I would like to know the effectiveness of the gas as a driving mechanism as compared to the effectiveness of the water as a driving mechanism. Without fully defining this, I don't think we could say.

In the case of Drinkard Field, it appears to me that there is definite justification for increasing the gas-oil ratio since we are producing now at 22,000 with a 2,000 limiting ratio. Of course, the study would determine what limit should we increase the gas-oil ratio in order that waste is not prevented. It could well be that the study would show to leave it as it is, but I think in my case, at least, I would have to be guessing if I gave an accurate, attempted an accurate number at this time.

Q Let me ask you another question now, in the establishment of gas-oil ratio limits for pools, have you ever heard of pressure being used?

A No. Again, this is ideally what you should consider.

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No, I think in some of the Texas fields pressure has been utilized. I can't recall the instance, but I feel sure that it has.

Q Now, this question may not be quite fair, but you gave us some specific cases where you feel that waste is now occurring or would occur if production were curtailed. Can you give us some specific case where it is now occurring?

A I can give you the example of two wells, but these were Atlantic Barbara 3 and Barbara 5; I will have to identify where they are. But they were recompleted in the upper part of the Grayburg and everybody has supposed that the Grayburg is gas and that the water has not encroached to that point. If we find that water is encroaching to the top of the gas column, then the relative encroachment compared to the relative production of the gas can be of importance as far as protecting against waste. The mobility of the gas is such that it, I believe in this case, can be produced ahead of the water if this is a factor.

The relative rates of advancement of the water, as compared to the effect of reducing pressure by producing the gas, would have to be a result of the study.

MR. PORTER: I think this concludes my questions for the moment, but I would like to review a little of the

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history of this Eunice Monument situation, if I can re-establish the various changes that have taken place over the years.

The light that I shed on this thing perhaps will add to the confusion. I believe that in February of 1945, the Eunice and the Monument Pools were combined. Now, along with a number of other pools at the same time, the Langlie and the Mattix and the Cooper and the Jal and the Grayburg and the Jackson, there were many pools that were combined at this time and the procedure at that time, since the Oil Commission actually did not handle proration, it was operating with just a skeleton staff, the Commission established the total allowable, but that figure was given to the old Lea County Operators Committee for publication in the proration schedule. The Operators Committee also appointed a Nomenclature Committee from the industry, I believe without any representation of the Commission on it.

I think later perhaps Mr. Bill Macey, who at one time was supervisor of the Artesia District, sat in as an advisor, or maybe a participant, but, anyway, it was handled by the industry.

Now, why, when they combined the two pools, the Eunice and the Monument, they did not establish a common gas-oil ratio limit, I don't know, nor was it ever explained to me. At that time my job was merely to calculate the allowables for Southeast New Mexico. However, to further complicate

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matters, at that time pressure was a factor in two pools in Southeast New Mexico, the Hobbs and the Monument, and even though the Eunice and the Monument Pool were declared to be a common reservoir, they continued to use a pressure factor in the Monument segment of the pool, and without any such application in the Eunice Pool.

Later on, for convenience perhaps in the proration schedule, the Eunice and Monument Pools were separated and placed alphabetically in the proration schedule. However, as far as the official records are concerned, it is still one common reservoir.

As I said, I have been around for quite a long time and I remember these things, and it will explain how these things came about. It does not explain why, why the GOR limit was not established for Eunice Monument at that time.

Now, in the early 1950's the pressure factor was dropped in the Monument Pool upon my recommendation.

Does anyone else have a question of the witness or me? Mr. Nutter.

CROSS-EXAMINATION

BY MR. NUTTER:

Q Mr. Williamson, turn to your Exhibit 7, please.

A Yes.

Q What is your actual comparison here in the top section of the exhibit, Mr. Williamson, where you are comparing

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2904 MCF with 2908.

A Well, I didn't know what pressure you used in calculating voidage, so I just picked a pressure and kept playing with it until I got close to your voidage calculation. So I said you must have used, then, around 1500 pounds.

Q In other words, the 2904 is your calculation?

A Right.

Q And 2908, is that Ramey's calculation at the June hearing?

A That is correct. I was trying to get close to it for comparative purposes since I didn't know what the actual pressure was.

Q So what you have done there in the bottom part, you have taken the average GOR for these high-ratio wells, or low oil-producing wells, as it were, and you have compared the average of those wells which voided 511 MCF?

A That is correct.

Q And you compared that, that with Ramey's 2908 on his one well?

A Right.

Q But you have not here compared the average high-ratio well with the top allowable oil well producing at the limiting GOR of 2,000 to one?

A No. This is still more. This is 511 as compared to --

Q Well, you are comparing 2900 to 511 here?

A Right. This is the one-barrel calculation.

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Q Yes.
A And the top allowable voidage that Mr. Ramey had used was 468, which would compare to the 511, so this is still voiding more than the top allowable well.
Q In other words, the 2908 is the extreme case of the high-ratio well producing a barrel a day?
A Right.
Q And it's still producing, and by using your average, you are bringing this down to 511 MCF for the high-ratio well?
A Right.
Q And what does the top allowable well void then?
A The 468 compared to 511, in my judgment.
Q In the Drinkard Pool?
A Yes. That's what Mr. Ramey showed, top allowable well producing maximum gas-oil ratio of 468 MCF. That's not-- That's from the June hearing.

MR. CHRISTY: That's all he had to compare with.

Q (By Mr. Nutter) That number escaped me because I hadn't seen those exhibits from the June hearing.
A Oh, right, I didn't have these new numbers so I based mine on this other exhibit.
Q But his present exhibit, the one that he offered today, was something like 200 MCF?
A That's right, because he used seven and some odd pounds

as opposed to three, so that he more than doubled his pressure in the reservoir.

Q What you have done on your Exhibit 8, Mr. Williamson, in taking Wilbanks Brunson "C" Lease here?

A Right.

Q Mr. Ramey had taken the one well there and showed that it voided 2908 MCF in his June exhibit?

A Right.

Q What you have done there, you have taken four wells on that lease?

A Right.

Q He took the high well, you took three additional wells which are lower producers and, in effect, diluted the effect?

A That is correct.

Q By adding the low producers on the lease?

A But, in effect, Mr. Wilbanks owns everything under that 160 acres, so I consider that the correlative rights were protected on a lease basis in this case as opposed to a well basis.

Q Although in the State of New Mexico we do assign the allowables on the well basis?

A That is correct.

Q Now, you mentioned in the examples of waste that may be occurring as a result of limiting this gas production,

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that you might be having migration from the gas cap to the wells that are lower down on the structure. Is this waste? It may be a violation of correlative rights, but is it waste?

A No. I didn't say that was waste. I said that was an example of violation of correlative rights. The waste, my waste example was, and this again would have to be determined by a study if we do have water encroaching into the gas cap, if we trap gas, our recovery of gas is going to be considerably less than if we don't have water encroaching.

Q I thought you mentioned waste as being a factor in this migration of the gas cap oil.

A Well, I'm sorry if I gave you that indication.

Q As a matter of fact, this water encroachment in restricting production, this argument was heard back in the '30's when it was first proposed that oil wells be restricted in their rates of production, wasn't it?

A I don't recall, I was rather young at that time.

Q It was also heard in the '50's when it was suggested that waterfloods be restricted in their production?

A Right.

Q And now we are suggesting that gas be restricted from some of these wells and it is being heard again.

A Well, I think it's known fact that water encroachment

will trap gas. A water drive gas field will recover somewhere around 40 to 50 per cent of the gas in place as compared to a volumetric reservoir. I am merely indicating that this possibility could exist here. I see samples that could show this is happening and I, of course, couldn't tell you how much until I or somebody made a study of the field.

Q As I understood the questions and answers that you gave to Mr. Porter when he was questioning on the results of this study, what would be your aim by the result of this study, to establish MER's so that each well would be prorated on the basis of some MER or something like that?

A I don't think you could carry it to that extreme. Hopefully we could come, and depending on what the relative effect of the producing mechanisms in the field were, we could possibly break this field up into two or three producing units. Not a unit from an equity standpoint, but a unit as compared to rules and method of depletion.

Q Such as we have there in Eunice Monument?

A Right. We may have two or three more areas up there, I really don't know.

MR. NUTTER: That's all, Mr. Porter. Thank you.

MR. PORTER: Anyone else have a question? Mr. Ramey.

CROSS-EXAMINATION

BY MR. RAMEY:

Q Mr. Williamson, you think it would take, at the most,

six months to conduct a study here?

A That's correct.

Q How about in the Hobbs Pool, how long will it take to conduct a study there?

A I haven't studied the Hobbs Field. I don't know the conditions, so I don't know how long it will take.

Q How about the Empire Abo?

A I haven't looked at it.

Q We have a situation in the Empire Abo where a secondary gas cap is being formed now. This is a relatively new pool, it's producing on a per well considerably more than 100 barrels a day. Would you advocate letting operators produce, say, a one-barrel high-ratio well out of the gas cap in the Empire Abo without study at this time in the life of that reservoir?

A Without studying the conditions, I don't know what I would recommend.

Q Assuming it's a homogenous reservoir?

A If it is a textbook example, you probably would not want to void that gas, no.

Q So you would advocate, let's go ahead, let's create waste until we can study the two pools?

A No. I am not advocating waste. As I say, the only two fields I have looked at are these and I don't see any waste occurring, at least I don't know if it is.

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Q We have several hundred pools in New Mexico where waste could be occurring by allowing excess gas to be produced?

A Well, I think it's the responsibility of the operators in each of these fields to determine what is happening. If they can't do it, then you would have to do it for them. This is what we're saying here, we would like to have the time in these two instances, and I'm sure it would apply to others, to determine if waste is occurring.

Q I'm afraid that we may not have the time in the lifetime of the people here to conduct all the studies.

MR. CHRISTY: Is this a statement or a question? I am lost, Mr. Commissioner.

A Well, I would guess that in a situation like that, that not all the fields are going to be that complicated. I think probably a cursory look could determine what should be done. In the case of the Empire Abo, do you have any one-barrel wells I don't know?

Q (By Mr. Ramey) What's the matter with advocating some rule that you know would stop waste if it is occurring until we can determine what is going on in these reservoirs?

A Well, because I think the implementation of deleting 4 (b) could create waste and protection of correlative rights. Plus the fact you have got the precedent of operators of which there will be some testimony later in our case of operators that under the protection or guise

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of this rule, have conducted their operations.

Q This is your opinion, and I have another opinion.

A That is correct.

MR. RAMEY: That's all.

MR. PORTER: Anyone else care to ask a question?

Mr. Hatch.

CROSS-EXAMINATION

BY MR. HATCH:

Q Mr. Williamson, would you refer to Exhibit 8?

A Okay.

Q On the bottom point of that page, your exhibit having to do with the Monument Grayburg.

A Right.

Q And your Wilbanks Wood State "A" Lease.

A Right.

Q Would you state what the size of the proration units are in the Monument Pool?

A They're 40 acres.

Q 40 acres. On this example you have shown the voidage for 80 acres?

A That is correct.

Q Are you advocating today a change in the proration rules that oil proration be done on a lease basis?

A No, I'm advocating that in this case I think we have an extreme case. This is not a flush reservoir. We do not

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have normal producing characteristics, in other words, we are in the late stage of completion and I advocate that if a person owns gas or any other hydrocarbon under an acre allotment of some type, he's entitled to recover.

Q Whether it is developed acreage or not?

A Well, that is correct, because I think we have talked about the fact it is not economic to drill a well to these depths for the essentially nil oil production and limited gas production that could be obtained.

Q If I'm understanding you correctly, you aren't, then, advocating that the Commission change its rules and assign allowables to undeveloped acreage?

A I don't think allowables would have to be assigned to undeveloped acreage to protect equities. It would depend on the type rule or the voidage calculation that we just consider acreage, which I think should be considered, and if you are calling that a change in the rule, yes, I mean that the acreage should be included. Ideally I would like to see an acreage footage figure put in this, but as we talked before, that would be impossible.

Q It's not permitted under the present rules?

A No.

Q If Rule 506 were revised by deleting Sub Paragraph 4, would each developed proration unit be permitted to produce as much gas as any other proration unit of like

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size in the pool?

A No. It would depend on if it were a, it would be on a voidage calculation still, but the voidage calculation would then take into account in this case surface acreage and if a pressure difference were, could be defined, then it would also be on whatever pressure would be apparent or in effect in that part of the reservoir.

Q If it were a 40-acre pool, wouldn't there be a maximum gas production that each 40 acres would be permitted to produce if the well was capable of producing?

A There would be a maximum if you consider on a well basis, and there must also be a maximum if it is considered on a lease basis, it would depend on what the voidage calculation was made from.

MR. HATCH: That's all the questions I have.

MR. PORTER: Anyone else? Mr. Utz.

CROSS-EXAMINATION

BY MR. UTZ:

Q Mr. Williamson, are you recommending that Rule 506 be suspended only in the pools in which you have testified here or in all pools?

A Well, I would have to assume, and here again, I am assuming, I don't have specific knowledge relative to this rule or these two pools. I would surmise that this would also affect other pools and could very well be applied to

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every pool in the State of New Mexico.

Q Well, what are you recommending?

A Okay. I am recommending that the rule be suspended until all studies that are either needed or requested, operators might decide in a field they don't care, it doesn't affect them. You could have an operator committee meeting in "X" field and they decide they don't have a problem and they will go with the deletion of 4 (b) and there would be no problem, no rule changes or anything. So I would have to say that I am advocating that entire rule be suspended.

Q You are making this recommendation even though you have only studied two pools?

A Well, I don't see how I could say it could or could not be a recommendation that these conditions exist in other fields and they should not be arbitrarily changed until a study is made to determine if a change should be made.

Q But of your knowledge, you don't know that they exist in any other pools?

A That's right. I have not made a study relative to this approach.

MR. UTZ: That's all I have.

MR. PORTER: Mr. Nutter.

CROSS-EXAMINATION

BY MR. NUTTER:

Q Don't you think if the rule were in effect while the

studies were going on, that it may have the possible effect of expediting the conclusion of the studies?

A I think it would have to depend upon the integrity of the operators that they would pursue this with the greatest dispatch.

Q Wouldn't there be more tendency to drag one's feet if the rule were in suspense rather than in operation? I mean, that they might want to make a more detailed study?

A I suppose that's possible, human nature being what it is. But at the same time we have got to consider that the operators are acting in good faith and could assure the Commission that they were proceeding in all haste.

MR. NUTTER: Thank you.

MR. PORTER: Any further questions? Mr. Christy.

REDIRECT EXAMINATION

BY MR. CHRISTY:

Q I would like to clarify one point. I believe I asked you, which was not brought out on cross-examination, that your recommendation has to do with people who are acting in good faith and diligently to make the study?

A That is right.

Q Isn't that the question I asked you?

A That's right.

MR. CHRISTY: Thank you.

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MR. PORTER: Mr. Ramey.

RECROSS-EXAMINATION

BY MR. RAMEY:

Q I would like to pursue a different line here now. Mr. Williamson, are you aware that the Eumont Gas Pool overlies the Monument Oil Pool?

A Yes.

Q You know that the Eumont Gas Pool does take in the Queen formation, all Queen formations?

A Right.

Q The Monument Oil Pool, the Grayburg formations?

A Right.

Q Do you know whether there is any porosity break between the two pools?

A I have not made a study of that effect.

Q Could you look at your type log on Exhibit 1 and determine if there was a definite break in porosity going out of the Queen sand into the Grayburg?

A No, it's quite a bit dirtier in the Queen. You have got a cleaner gamma ray. The porosity does not change. It's a little more constant where you have some variance in the Queen zone.

Q Could you be going from sandstone to limestone, radioactive sandstone to limestone between your Queen and your Grayburg?

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A Oh, it's possible.

Q So, in essence, if there is no porosity break wells perforated in the top of the Grayburg could be getting some of the Queen gas, right?

A I suppose that's possible. I understand there was quite a bit of problem in breaking out the Eumont Queen zone, what the areal limits would be.

MR. RAMEY: That's all.

MR. PORTER: Any further questions? The witness may be excused.

(Witness excused.)

MR. CHRISTY: May I make just one statement for the record? Since Exhibits 7, 8 and 9 were based on Mr. Ramey's prior testimony, which is all we have, we will be happy to update those exhibits to his current testimony if you would like it. As I understood the witness, there will not be any great variations. It won't change your numbers, but your percentages will be approximate. We'll be happy to update those exhibits.

MR. PORTER: I don't think that will be necessary. I think they are close enough that we can determine what we're trying to establish.

JOHN HENDRIX

called as a witness, having been first duly sworn, was examined and testified as follows:

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DIRECT EXAMINATION

BY MR. JENNINGS:

Q Would you state your name and occupation, please?

MR. JENNINGS: Let the record show that all the witnesses were sworn at one time.

MR. PORTER: The record will show that the witness was sworn.

A I am John Hendrix of Midland, Texas; and, briefly, my background consists of graduation from Oklahoma State in 1960 with a Master's in Mechanical Engineering. And at that time I went on to Continental's training program and worked in Eunice, Hobbs and Artesia, until 1964.

Q In what capacity?

A Oh, various engineering capacities. I started out as an engineering trainee and I think production engineer was my capacity when I left Continental. At that time I moved over to Texas Pacific as a district engineer in Hobbs and was later transferred into a reservoir section in Midland. In 1967 I left Texas Pacific and became self-employed as an independent operator.

Q During the course of your employment by Texas Pacific and Continental, and later when you were working for yourself, did you become familiar with the conditions of the Drinkard and the Monument Pools?

A That is correct.

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Q Are you currently an operator in these two pools?
A Right. In Southeast Lea I have probably around 27 or 28 wells, something like that, and have a number of wells in each of the fields.
Q In each of these fields?
A In the Monument and the Drinkard, yes, sir.
Q Generally when did you first become familiar with the rule that's under discussion here as Rule 506 (b) 4?
A My first experience was the first months I was with Continental in the South Eunice Well, and from time to time Continental has used this rule, as have all operators, of course. Later with Texas Pacific, when I went over there, we were in a real hurry to get everything running, so one way of increasing our revenue was to go into these marginal, fairly well-depleted fields in the Eunice area and perform work. Well, one of the things you could do was get casinghead gas in some of these wells that were flat, wouldn't make any oil at all, and those were my first experiences along this line.
Q Did the question of production from this type of well ever come up as to the validity of that production?
A Yes, it did. While I was with Texas Pacific, this did, and in 1966 our counsel through then, Governor Campbell, contacted the Commission and got a feeling on the rule.
Q Were you familiar with the interpretation of the rule

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made by the Commission in 1966?

A Yes, I was.

Q Since that time have you ever had occasion to discuss the application of this rule to your wells and other wells in the pools in question, with any representative of the Commission?

A Yes, sir, I have.

Q When was that?

A In March of 1970 with the personnel at Hobbs.

Q Was the interpretation put on the rule at that time the same as it was in 1966?

A Yes, sir, that's correct.

Q When did you personally start your drilling activity in this area, Mr. Hendrix?

A Well, drilling activity has only been in the last year; prior to that I have bought, oh, all these wells I have were marginal or plugged and abandoned wells. We've worked them over, and been fairly successful at it. And in the course of an, oh, the last three years in the Monument and Drinkard, myself and parties who I am with have invested roughly a million and a half dollars into these two fields through drilling, re-entries and such as that.

Q Have you purchased a number of depleted wells?

A Oh, yes.

Q Generally, what do you have to pay for one of these depleted wells? Could you get them for salvage or some other basis?

A Well, it varies all over the map. You get them as low as you can, of course. Probably 20,000 might be a rough number, or possibly an average number for a shut-in well.

Q Is this the value of the salvage?

A No. The salvage would probably be, oh, practically nil, oh, two or three thousand at the most, and in order to obtain the wells, you go ahead and give the additional for the leasehold value.

Q Have you, in addition to the wells that you have purchased, have you had occasion to drill any wells?

A I drilled one at the tail end of last year in this area. The Covita number one shown up here, reached T.D. about July 4th.

Q Where is that well, would you point it out on Exhibit 2, I believe it is?

A Well, it would be in Unit letter "I" of 12, 20, 37. Had it not been for the, I'll call it the backup of the one-barrel rule, wells like this, in my opinion, couldn't be drilled. Here again, I want to tell you this map was drawn in 1951 and there has been additional development in this entire area here. This area could be developed if there were proper field rules that would provide the

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incentive. Heretofore, at least from my standpoint, there has been an incentive. If we can't get GOR increases in the Drinkard, for example, I don't think it will be developed, period.

Q There's a considerable area immediately to the north of this well that is undeveloped. Will you explain the failure to develop that?

A Well, from looking at the log here, it's obviously an area of low porosity and permeability. The pressures are fairly good, as you will expect, in the tight area. The only reason I would assume would be, number one, I would drill if we had adequate rules, I would develop the entire thing, could I get it from major oil companies.

Q If this rule change is put in effect, will that area, in your opinion, be developed?

A Portions of it will not. I have been working with a situation down here further to the south, 340-acre tracts directly offsetting the discovery well in the Drinkard Field.

Q Is that in Section, I believe 30?

A Let me see, 30, 22, 38, I believe. Yes, sir. The discovery well right here in Unit "C", three 40's directly to the south have never been developed even though this well was drilled probably in about 1944. The major oil companies had the lease opt'd not to develop the well.

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They released it to mineral owner Mr. Pat Simms, a rancher down there. We, of course, backed off on our dealings as soon as this situation occurred.

Q Did you have some deal with Mr. Simms to develop this acreage before June 15th or 16th?

A We were working on a deal. If I had a deal I would have to go ahead and go through with it. Fortunately we weren't that far along.

Q If the rule was deleted, will you pursue it?

A No, I will not.

Q Do you have at this time commitments to acquire any other shut-in wells or marginal wells?

A We do have commitments right now which we will go ahead and get them. In addition to that we have probably ten wells right now which, as long as we have the GOR incentive, we would have developed the wells. We have ten now which we will not develop.

Q That is if the rule is changed, you will not develop them?

A That's correct.

Q Mr. Hendrix, has your re-entry into the wells that you are currently operating caused any other activity in the pools by other operators?

A Well, this has been especially true in the Monument area. I know one of the majors has, I think reworked probably eleven wells, another major has reworked one, and another

major has reworked two, but they bombed out.

Q Where is the gas that you are producing being sold?

A In the Drinkard Field, the majority of it goes to Skelly. I think they probably take roughly 70 per cent of the entire casinghead gas in the Drinkard Field. In the Monument Field all that I sell goes to Warren.

Q To your knowledge, is any of this gas being flared?

A There is none at all been flared in either of Skelly's plants at Eunice or at the Warren plant at Monument.

Q Mr. Hendrix, if you would have had knowledge that there was an impending rule change, would you have gone into the development program that you have in these two pools?

A Had I have had knowledge that this was occurring, I would have had $100,000 in the bank that I now have in this hole.

Q How about the other wells?

A Well, most of them, no. What you'll end up with here is there are many, many shut-in wells in this Monument Field, probably cost you 10,000 to go in and rework one and you can't do it for the volume of gas we are talking about. There's no way you can economically just going in and doing this work for the GOR times top allowable for that volume of gas.

Q What is the risk factor in re-entering these wells with Rule 4 in existence?

A Well, the mechanical risk is always there, of course.

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Some of them we went in, I will get direct to your question in a minute. We had one well down in the Drinkard we had, oh, collapsed casing tubing cement in the hole and a few things like that, and drilling out a couple thousand feet of cement. This is all high risk. Of course, we went ahead and taken this risk to try and develop oil.

Now, if you do have this additional incentive, you can certainly justify more risk. I have had two wells drilled on down here further south, by Champlin, and one other outfit, Southwestern Gas, I think, out of Midland. Okay, we took these on to the Ellenburger, of course, they were wet. Okay, we plugged back and we are making probably seven million of gas, seven or eight million a month and this is one of Mr. Ramey's exhibits. Of course, we are probably making a few hundred MCF more. So if you take that seven million times eight or nine cents, it's going to -- they'll never pay out, but here again, it is an added incentive.

Q How would the adoption of this rule or the deletion of this rule affect you as an operator of 20 to 27 wells in these pools?

A Well, it will certainly detract from the incentive to do work in Southeast Lea in the marginal fields. As part of this, especially in these areas here that aren't

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developed, I feel it will create underground waste in that older gas isn't going to be recovered, period. It won't be recovered unless it's drilled, it's that tight. Oh, as a sideline, of course, it will certainly produce current cash flow.

Q Mr. Hendrix, you have heard Mr. Williamson's testimony that he feels that a study is necessary to determine the plan for completing these reservoirs; assuming that the Commission would grant adequate time within which to perform this study and withhold the rule change during this period, would you and your associates be willing to undertake and finance such a study and complete the study in good faith and with due diligence?

A Absolutely. We would, oh, within a ten-day period we would contact all the operators, try getting a meeting wherever would be suitable, probably Midland, and start hashing the thing out and trying to start to arrive at some answers, within six months we could be back here and show the Commission what our findings are.

MR. JENNINGS: I believe that's all.

MR. PORTER: Any questions of Mr. Hendrix? Mr. Ramey.

CROSS-EXAMINATION

BY MR. RAMEY:

Q Mr. Hendrix, I assume you are fairly familiar, let's say, with the Monument Pool as to where the so-called, what

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I have referred to as the gassy area is?

A I don't know what you call the gassy area, Joe.

Q Well, an area where you could go in, say, small wells and expect to end up with a high ratio well.

A Sure, I'm familiar with that.

Q Do you have any idea what the areal extent of this is?

A Very sizeable.

Q Forty sections, maybe?

A No, I doubt, the field is hardly that large. I would have to look at my maps. It's a large area.

Q And you have also stated that you have some wells which you have not yet worked over?

A That's correct.

Q And that, also that this is being picked up by other people, I assume, some of your offsets are working on their wells or have worked on their wells?

A They have, and I understand one major has a number of AFE's to do considerable additional work on their shut-in wells and this, of course, probably won't occur if the situation is going along as you propose.

Q If Sub Paragraph 4 does stay in existence, it's very likely that there will be a good number of wells that would be worked over?

A No. I don't think we're recommending that this necessarily stay in existence.

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Q You have testified that you have approximately ten more wells that you could do this to and you just now stated that an operator has some AFE's, so if this rule stays in existence, these things could occur and are likely to occur, is that not correct?

A I don't know. You have to take a hard look at your economic situation when you have a climate where rules can be changed this quickly. I would be real hesitant to putting money into some of them right now pending my own personal evaluation of what you are going to do.

Q Let's assume that Rule 4 stays in. Rule 506 is left as is, and an operator, well, I will say one of your wells, if he could expect to go in and perforate and treat, it would end up with a well that would make 30 million cubic feet of gas a month, would this not be an economical venture?

A Certainly.

Q So, then, it's possible his offset would do the same?

A They have in many cases.

Q And we might end up with a tremendous, not a tremendous, but a large number?

A Here again, this is contrary to what we're recommending.

Q I realize that.

A Your proposal is certainly contrary to what we're recommending, Joe.

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Q I'm not proposing anything.

A To your hypothetical situation, I should say.

Q But this could occur? There is a large area where you could go in the Monument Pool and obtain extremely high ratio wells?

A Certainly. There are areas where you probably can't make over two or three barrels of oil a day, period, with large volumes of gas.

MR. RAMEY: That's all.

MR. PORTER: Any further questions of Mr. Hendrix?

MR. JENNINGS: Is the witness excused?

MR. PORTER: The witness may be excused.

(Witness excused.)

MR. JENNINGS: Mr. Freedman. The record might show that he, too, was sworn.

H. G. FREEDMAN

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. JENNINGS:

Q Would you state your name, please?

A My name is H. G. Freedman. I live in Midland, Texas.

Q By whom are you employed, Mr. Freedman?

A I am employed by Wolfson Oil Company.

Q How long have you been so employed?

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A I have been employed by Wolfson Oil Company for eleven years.

Q What is your educational training in the engineering field?

A I have a Bachelor of Science in Petroleum Engineering from Texas A and M in 1947. After graduation, I went to work for Continental Oil Company and served with Continental in many capacities from 1947 to 1959, when I joined Wolfson Oil Company.

Q How long has Wolfson Oil been actively operating in Southeastern New Mexico?

A I believe way before I joined them, probably since 1947.

Q Generally, what type of activities have they conducted in Southeastern New Mexico since 1967?

A We have drilled wells, we have purchased wells, we have re-entered wells in the marginal fields in the latter stages of depletion in Southeast Lea County.

Q Is there any particular reason for pursuing this course of activity?

A We felt that the risk was lessened by the presence of Rule 506 (b)-4 and justified our taking the risk.

Q Generally, what has been your success in connection with those operations?

A Well, we have had some success. We have drilled 7,000-foot dry holes and we have purchased wells, reworked them

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unsuccessfully and plugged the wells, but we have found gas and we have found significant volumes of oil in these old depleted fields.

Q Is there any particular well or lease upon which you have found significant amounts of oil?

A We re-entered a lease in the Monument Field we call our Laughlin Lease, that had been abandoned for a year and a half. The lease contains three wells. We reworked the three wells and in less than three years we have recovered 80,000 barrels of oil. We are still producing in excess of 1500 barrels per month. And not in these two fields, but we re-entered a lease in Southeast Lea this January with the, I will call it the backup of 506 (b)-4, and these three wells have been abandoned for two and a half years and we have recovered over 5,000 barrels of oil in four months and still producing approximately 35 barrels a day with no gas.

Q Have you prepared a chart showing the production from this Wolfson Lease?

A Yes, sir.

Q Is that what has been marked as Exhibit 10?

A Yes.

(Whereupon, MKA's Exhibit No. 10 was marked for identification.)

Q Would you refer to what has been marked as Exhibit 10

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and briefly explain that exhibit to the Commission, please?

A This lease was abandoned sometime in 1966. We acquired the lease September 1st, 1968, and from September 1st to January 1st, 1969 we recovered approximately 3,000 barrels. The next year, 1969, we recovered approximately 38,000 barrels of oil. The next year we recovered 28,000, and our current rate, based on the first six months of the year, is approximately 22,000 barrels of oil.

Q Would that oil have been discovered absent the existence of this rule?

A No, sir, I don't believe so.

Q Did this well, or the production that you obtained from this well, cause other drilling activity in the immediate area?

A Yes, sir. It caused a flurry of activity by operators adjoining us and in the immediate vicinity.

Q Mr. Freedman, when did you first become familiar with the Commission's interpretation of Rule 4?

A We became in receipt of a letter from the Commission to Governor Campbell. The letter was dated March the 3rd, 1966.

(Whereupon, MKA's Exhibit No. 11 was marked for identification.)

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Q Is that the letter which has been marked as Exhibit 11?
A Yes, sir. We obtained the letter September 18th, 1967. That letter outlined the Commission's interpretation of Rule 506 (b)-4.
Q Generally, what was that interpretation?
A The interpretation was that the gas produced with one barrel of oil per day was deemed legal gas.
Q In this same connection, Mr. Freedman, do you know of any effort on behalf of the other operators in the pool to obtain an exception to Rule 506 (d), and make an attempt to get an increase in the gas-oil ratio in the Drinkard Pool?
A Yes, sir. We received a letter from Texas Pacific Oil Company dated December 6th, 1969.

(Whereupon, MKA's Exhibit No. 12 was marked for identification.)

Q Is that what has been marked as Exhibit 12?
A Yes, sir. That letter said that Texas Pacific was prepared to make application to the New Mexico Oil Commission for an increase in the Drinkard gas-oil ratio limit to 10,000 to one. We concurred with Texas Pacific but it was my understanding that the Commission told them that because of the presence of Rule 506 (b)-4, it would not be necessary, and we dropped it.
Q Mr. Freedman, have you made a study to determine the

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amount of revenue that the state would lose by the adoption of this rule, deletion of this rule?

A Yes. I determined that approximately $20,000 would be lost to the state from gas royalties and gas severance tax if this rule were deleted.

Q Do you know if there is any federal lands in this pool?

A Yes, sir, there is quite a bit of federal lands. I didn't know until just recently that the state received 37-1/2 per cent of monies on federal lands. I couldn't come up with an exact or a close approximation of the oil that would be lost, the value of the oil, because it would be a tremendous task, but I would approximate it would be far in excess of the gas.

Q Mr. Freedman, what would be the economic effect on you and your company if this rule was deleted?

A Well, we would lose approximately one-fourth to one-half of our revenue on several leases and it would not be economically feasible for us to seek additional oil or gas in Southeast Lea County in these fields that are in the latter stages of completion under the current gas-oil ratios. I refer specifically to Monument and Drinkard.

Q Do you have any idea how much you have expended during the past three years in this area?

A In the past four years we have expended over $700,000

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in these marginal fields.

Q Do you know where the gas is being sold from these two fields?

A Yes, our gas goes to Skelly and El Paso in Drinkard and to Warren in Monument.

Q Is any of the gas, to your knowledge, being flared?

A No, sir, not to my knowledge. I contacted Skelly Oil Company relative to this and I would like to read this letter, if I may.

(Whereupon, MKA's Exhibit No. 13 was marked for identification.)

Q The letter you are referring to has been marked as Exhibit 13 and it's from Skelly Oil Company, dated July 15, 1971?

A Yes, sir, that is the letter.

Q If you would, please.

A "Gentlemen: Skelly Oil Company operates the Eunice Plant which is connected to your leases among other leases in Southeastern New Mexico.

"We are desirous of continuing the present volumes of gas going through our plant, and our facilities are adequate to handle such present volumes without any flaring. In addition, there is a vigorous market for all available gas under present conditions. We believe the Commission should consider this in conjunction with other

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factors facing them. Yours very truly, George W. Selinger, Skelly Oil Company."

Q Do you have any knowledge as to approximately what percentage of the production is being handled by Skelly?

A It is my understanding that approximately 70 per cent of the Drinkard Pool goes to the Skelly plants.

Q Mr. Freedman, you have heard Mr. Williamson's testimony concerning his recommendation that a study be made to determine a plan for the depletion of the reservoir, and assuming that the Commission would withhold changing the rule for a reasonable time, would you and your associates undertake the burden and financially support such a study and conduct a study with due diligence and good faith?

A Yes, sir, we would take the necessary time and spend the necessary monies to accomplish this.

Q Mr. Freedman, was Exhibit Number 10 prepared by you or under your supervision?

A Yes, it was.

Q And Exhibits 11, 12 and 13 were copies of letters received by you in the ordinary course of business?

A Yes, sir.

MR. JENNINGS: Nothing further. We offer the exhibits.

MR. PORTER: The exhibits will be admitted for the

record, if there are no objections.

(Whereupon, MKA's Exhibits 1 through 13 were offered and admitted in evidence.)

MR. PORTER: Anyone have a question? Mr. Nutter.

CROSS-EXAMINATION

BY MR. NUTTER:

Q Mr. Freedman, you mentioned that figure of $20,000 royalty that's going to be saved by the suspension of the amendment of Rule 506 (b) 4. Would you tell me how you arrived at this figure?

A I took Mr. Ramey's exhibit of the excess gas, I computed the value of the gas at an estimated ten cents, I took every state lease, took their one-eighth royalty, and took the severance tax based on 100 per cent of the gas.

Q Then you assumed that unless this rule was left in effect, that that gas would not be produced?

A The immediate effect would be to lose that, yes, sir.

Q You didn't take into consideration the fact that Mr. Ramey's exhibits show that some of those wells were producing six to one what a top allowable well would be permitted to produce as far as reservoir voidage is concerned, and that that gas is migrating from some leases over to the leases where these high GOR wells is producing it?

A For the purpose of just the economic analysis, I just

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took his figures.

Q You assumed that the gas was lost and not to be produced by anyone?

A I assumed that the gas would not be recovered.

Q You also, Mr. Freedman, I think failed to give any value, any counteracting value to the oil and gas that might be saved in other places if the rule were amended, did you give any credit to that?

A I personally don't know of any.

Q So you didn't give any value to any savings that might result?

A No. That was just the immediate effect.

Q I see. Thank you.

MR. PORTER: Any other questions? Mr. Hatch.

CROSS-EXAMINATION

BY MR. HATCH:

Q Mr. Freedman, there has been a good deal of discussion here of studies to be made, and you have stated that your company would participate?

A We would participate, yes, sir.

Q Would this be for all pools in the state --

A No, sir.

Q -- or certain pools?

A No, sir. No, sir, it would only be the pools that we have an interest in. I don't think we would be qualified

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to go into any other pools.

MR. HATCH: That's all.

MR. PORTER: Anyone else have a question? Mr. Ramey.

CROSS-EXAMINATION

BY MR. RAMEY:

Q Going back to this study, Mr. Freedman, you say that only yourself and Mr. Hendrix agreed to conduct a study in the Monument; are you going to foot that bill yourself or are you going to depend on hundred per cent operator participation?

A Well, as to one hundred per cent, I doubt it very seriously if that is ever possible. As to what per cent, that would just have to be determined. We would be willing to expend quite a bit in the Monument Pool. Now, how much, I can't say.

Q Quite a bit, would that be enough to conduct the study?

A It would be enough to make considerable inroads in it.

Q On your Exhibit 10, on your Laughlin lease, how much gas does that lease produce?

A That lease produces approximately 73 million.

Q How many wells do you have?

A Three wells.

Q 25 million. That's what it is producing now?

A That's right.

Q That was your last month's production?
A Yes, sir.
Q What has been the cumulative gas?
A I don't have that figure.
Q You just have the oil figure?
A That's correct.
Q These wells are above the one-well classification that I spoke of?
A That's correct.
Q So the gas-oil ratio test would, in essence, reduce your oil allowable, reduce your gas volumes, would it not?
A Our Laughlin Number 2 is penalized down to one barrel. It will make more, but it is penalized down to one barrel. The other two wells are penalized too, but not as severely.

MR. RAMEY: That's all.

MR. PORTER: Are there any further questions?

The witness may be excused.

(Witness excused.)

MR. CHRISTY: That is all we have for MKA and et al. I believe the record shows that we have offered and have been accepted into evidence Exhibits 1 through 13, inclusive.

MR. PORTER: I believe that is correct.

MR. CHRISTY: I would like a chance at the close of the case to make a statement on behalf of our clients.

MR. PORTER: Does anyone else desire to present

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testimony in the case? If not, at this time the Commission will recognize anyone who would like to make a statement and take a position in the case.

(Whereupon, a recess was taken.)

MR. PORTER: The hearing will come to order, please, and we will proceed with statements. Who would like to be first? Would anyone like to catch a plane?

MR. KASTLER: I'll stand up first and volunteer. I'm Bill Kastler and I'm today representing Gulf Oil Corporation management and what used to be the Roswell District. We feel that in the interest of wise conservation, protection of correlative rights, that the proposed amendment to Rule 506 should be adopted. But we also feel that there would be a somewhat of an economic loss and some reason to make some immediate adjustments pending the conducting of field pool by pool studies, which we believe should be conducted by the operators in the pools affected.

We believe that any time it can be shown that gas-oil ratios can be safely raised, still with the Commission operating within its statutory framework, and as long as it can be shown that there is a ready market for processing of casing-head gas, that then they should be raised.

Thank you.

MR. PORTER: Mr. Currens.

MR. CURRENS: I'm Dan Currens, Amoco Production

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Company, and similarly to, like Mr. Kastler has expressed from Gulf, Amoco too recognizes that the proposal made to change Rule 506 is perhaps not the only or final solution to the problem that has been outlined. But Amoco does support the staff recommendations that the deletion of (b) 4, Rule 506 be made at this time.

MR. PORTER: Mr. Lyon.

MR. LYON: Vic Lyon with Continental Oil Company. Continental Oil Company is one of the larger operators in the State of New Mexico and particularly in Southeast New Mexico. The amendment which has been adopted by the Commission, subject to the proceedings today, will result in a reduction of our allowable, both as to oil and gas in many instances. Nevertheless, we believe that this is a sound conservation move in improving the conservation system within the state.

Continental Oil Company has always maintained that sound regulatory practices will, in the long run, work to its benefit as well as to the benefit of the industry.

I would also like to point out that there are instances in the pools under discussion today of wells classified as gas wells who are discriminated against because they are limited to the daily gas limit, whereas the one-barrel wells are not. Continental Oil Company has some of these wells.

We should like to suggest to the Commission that a

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monthly gas limit, enforced on a lease basis rather than a well basis, will be easier to police and will be a definite improvement over the presently existing system.

We wish to commend the Commission for their action in amending Rule 506 and recommend that it be implemented at the earliest possible date.

MR. BURLESON: David Burleson, El Paso Natural Gas Company. El Paso Natural Gas Company is the largest purchaser of New Mexico produced gas and is itself a producer of gas and oil in New Mexico. El Paso supports the proposal of the New Mexico Oil Conservation Commission to eliminate Subparagraph (b) (4) of Rule 506 in the interest of the prevention of waste and the protection of correlative rights. El Paso commends the Commission for its efforts in this regard.

It is El Paso's opinion that the New Mexico Oil Conservation Commission staff's recommendation is feasible and workable. This recommendation would provide that the Commission's main accounting department would furnish a list monthly to the District Director of oil wells which have overproduced casinghead gas; the District Director could then either shut the well in or order the operator to restrict the oil production from the well until all overproduced casinghead gas is made up. El Paso urges the adoption of this recommendation.

MR. PORTER: Mr. Tomlinson.

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MR. TOMLINSON: Bill Tomlinson, Atlantic Richfield. We concur with Mr. Ramey's recommendation for the changes that he proposes in Rule 506 (b). We appreciate the Commission directing its attention to a situation that we feel is contributing to underground waste and has a possibility for contributing to a great deal more waste in other fields that were not discussed today.

We urge the immediate adoption of this proposed change.

MR. PERDUE: I'm Howard Perdue with Union Texas Petroleum. Union Texas Petroleum supports the Commission in the deletion of Sub Paragraph 4 of this rule. We would request the suspension of the provisions of Commission's R-4159 be continued for some reasonable time in pools where no gas flaring is occurring, to allow time to complete studies, and possible hearings for pools where an adjustment in the GOR limit is needed to prevent waste or to protect correlative rights.

MR. PORTER: Mr. Frazier, do you intend to make a statement?

MR. FRAZIER: Richard Frazier with Amerada Hess Corporation. Amerada Hess Corporation wholeheartedly supports the Commission's amendment to Rule 506 by the deletion of Sub Paragraph (b)-4. We feel that the amendment corrects the longstanding contradiction which has existed in the rule and

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will prevent waste and protect correlative rights.

Amerada Hess has reviewed the exhibits and data presented by the applicants and supports their contention that immediate implementation of Order R-4159 will cause undue economic hardship on both operators and royalty interests which may possibly be avoided. We believe there to be sufficient evidence that in the Monument and Drinkard Pools the fieldwide reservoir study, as proposed by the applicants, is necessary in order to determine the most equitable alternative in achieving waste prevention and protection of correlative rights

In view of the fact that no flaring or venting of gas occurs in the Monument or Drinkard Pools, Amerada Hess supports the applicant's request for an extension of six months from August 1st, 1971 before Order R-4159 is implemented for these two pools. We will cooperate with other operators to complete the studies and prepare recommendations for the Commission's consideration during this interval.

MR. PORTER: Mr. Jennings, do you have a statement?

MR. JENNINGS: No.

MR. PORTER: Mr. Christy?

MR. CHRISTY: No.

MR. HENDRIX: I thought there were some letters to be read, sir.

MR. HATCH: I have some letters here from various

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companies. I would rather not put my interpretation on what they mean. They can be placed in the record and the Commissioners can read them and consider them, or they can be read into the record.

MR. PORTER: Would anyone like to have the letters read into the record?

MR. HENDRIX: I would.

MR. PORTER: Mr. Hendrix?

MR. HENDRIX: Yes, sir.

MR. PORTER: I believe, I have read the letters and I believe, like Mr. Hatch says, that it might be a little difficult for us to accurately depict what is said in the letters if we try to summarize them. So, Mr. Hatch, I believe even though it will be a little time consuming, we had better read the letters.

MR. HATCH: The letter from Texas Pacific Oil Company addressed to the Commission. "Texas Pacific Oil Company, Inc., as operator in the state of New Mexico, recommends the amendment of 506 B-4A as proposed in Case No. 4552 in the hearing De Novo but also recommends that the effect be suspended for six to nine months in order to initiate field studies where justified to determine applicable limiting GOR's."

A letter from Mabee Petroleum Corporation addressed to Mr. Porter. "This letter is in regard to the De Novo

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hearing in Case #4552 concerning the deletion of the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed lawfully produced.

"Over the years, it would appear that two rules existed which were in conflict. One was to permit all casinghead gas production in a well provided the oil production did not exceed the allowable. The other was to permit only that casinghead gas production which did not exceed the amount determined by multiplying the top allowable by the limiting gas-oil ratio of a field. The former was the most prevalent in usage and by permitting this practice over the years, the New Mexico Oil Conservation Commission has caused the development of reserves that would not have occurred any other way. Your recent ruling in Case #4552 puts this practice in jeopardy.

"It is our understanding that this ruling was caused by a local situation which required a remedy. Since this has been permitted state-wide, a sudden ruling of this type places a burden on the older existing pools where operating gas-oil ratios far exceed the limiting gas-oil ratio. Rather than a sudden ruling in order to relieve a local situation, it is recommended that committees be formed to study the effect on the various pools involved with the view of raising the limiting gas-oil ratios in some of these fields that would be consistent with good conservation practices. This could be accomplished in one year's time, or less, and after due public

hearing, a ruling could be made based on the recommendations of the committees.

"From the data presented in the original hearing, a considerable amount of gas production would be lost during a period when a shortage of gas exists in the Nation's energy picture. Since most of the gas plants in Southeast Lea County flare little, if any, gas at all and are actively seeking new sources, the curtailment of this gas production would have a significant impact on further development drilling in Southeast Lea County and in this area's contribution to alleviate the present national gas shortage.

"It is requested that this letter be made part of the record of the De Novo hearing in Case #4552."

A letter addressed to Mr. Porter from the Permian Basin Petroleum Association. "It has come to our attention that the New Mexico Oil Conservation Commission is taking steps to revoke a long standing statewide rule (No. 506 b-4) that will drastically curtail the production of casinghead gas in Southeast Lea County.

"Without delving into the merits of the contemplated Commission action, it would appear that such action is somewhat ill-timed in view of our common current campaign to convince both our government and consumer critics that there is a gas shortage, and that there is a great need for incentives in the form of well-head price increases if we are to eliminate the

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shortage.

"It is feared that if our critics were aware of the planned changes of long standing Commission rules, resulting in the reduction of available gas, any future testimony before the Federal Power Commission and other federal agencies and authorities could be compromised, or discredited. We wonder if it would not be advisable to delay definitive action on this matter until the Federal Power Commission hearing regarding the Permian Basin decision is resolved.

"Your favorable consideration of this matter would be appreciated and we stand ready to assist you and the Commission in any way we may be of service."

That letter was written by W. D. Kennedy, President.

A letter from Millard Deck Oil Company addressed to the New Mexico Oil Conservation Commission. "Please refer to your memo No. 2-71, dated June 30, 1971, concerning Rule 506 Amendment. This action comes as quite a surprise to me and quite adversely affects the economic interest of myself and a number of Lea County businessmen who are co-owners with me in various leases in the Eunice area. As you are no doubt aware the fields in the Eunice area are old and for the most part in the latter stages of depletion.

"Based on the prior advice and prior approval of the so-called '1 Barrel Rule' by Mr. Joe Ramey, Supervisor of the New Mexico Oil Conservation Commission Hobbs District, I

have conducted drilling operations and together with several Lea County residents established sizable equity to drill in old fields based on the '1 Barrel Rule' as advised by the New Mexico Oil Conservation Commission. It seems therefore, only fair and reasonable that the operator should not be subjected to such harsh action by the commission. I would like to suggest that the Commission consider granting a grace period of at least one year in order that the operator could, in part, recompute his investment equity.

"I would appreciate you incorporating this into the record of Hearing of July 21, 1971. Thank you very much."

A letter addressed to the New Mexico Oil Conservation Commission from Byron McKnight. "I am an independent operator in Hobbs. It is my understanding that the Commission is considering the change of Commission rules, the effect of which will be to discourage development in several of the older high gas-oil ratio fields in New Mexico. I have invested money and put together several drilling ventures that are calculated to make a fair amount of casinghead gas together with a low amount of oil. It is the casinghead gas that makes these ventures profitable and with a restriction on it I will not be able to drill any of these wells. I do not believe that the oil that I would have recovered from the proposed flank wells would be recovered from other wells in the field because of structural position and overall tightness in these areas

which would result in physical waste. It is possible that the gas might migrate to another lease and be recovered there; however this seemingly would result in the violation of correlative rights.

"I would therefore like to go on record as opposing any change in the present rules which discourages development and recovery of oil and gas."

A letter addressed to Mr. Porter from Moran Oil Producing and Drilling Corporation. "It has been called to my attention that the Commission is having a hearing on doing away with Rule 506 B-4. Certainly it appears to me the Commission is to be commended for there action in this matter.

"However, since some operators have planned developments and actually spent money on hypothesis that this rule would continue in effect, I earnestly request the Commission to consider staying there order for no more than six months. Further, I feel the six months delay would allow time for operators to request increase in some field G.O.R. which are unrealistically low. By staying the order for a period of time and raising some G.O.R.'s the reduction in production of both Gas and Oil would not be as severe.

"If this letter would be made a part of the record, I would sincerely appreciate it."

MR. CHRISTY: I believe there is one here from T. P.

MR. HATCH: I thought I read T. P.

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MR. CHRISTY: I beg your pardon, you did.

MR. PORTER: May I make a comment on one of those letters, Mr. Kennedy's, I believe the Permian Basin Association. I think the Commissioner and I are going to have to go back for cross-examination before the F.P.C. within the next few days and I don't fear the things that he points out. I might get a little nervous if they go to asking questions about gas flaring.

Mr. Christy.

MR. CHRISTY: Mr. Commissioner, if we can adhere with the rule that has been in effect for some twenty-four years. I believe the testimony is pretty clear that the immediate change in the rule will create an economic hardship. I believe the testimony shows that it could create waste. I believe the testimony shows it could violate corralative rights.

It does show that it will reduce New Mexico's immediate income from 20 to $40,000. I'm not quite sure what the big rush is on a rule that has been in this long. However, for the Commission's consideration I would like to make the following motion: That Rule 506 (b) 4 be deleted but the enforcement of Rule 506 (b) 2, as to wells which would otherwise be entitled to the benefits of 506 (b) 4 and only in instances where there is no flaring of gas. In those instances that it be suspended as to these wells in pools where an effective industry study with respect to the effect of

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waste, correlative rights and ultimate recovery of oil and gas is being made in good faith. So long as such study is diligently being prosecuted, but for no longer than nine months, subject to the right of the Commission to shorten the study period, where pool size, history or characteristics indicate a study could be completed in a shorter period of time. That each study, industry study committee is on a pool basis, make monthly reports to the Commission as to the progress of such study, that the Commission retain jurisdiction in Case 4552 to enter such further order as may be necessary or proper to properly regulate and enforce Rule 506. That is the end of the motion.

We would also request permission to file a brief on two legal points that appear to come up before this, and involved in this hearing. I don't think anyone in this room feels that you could limit each well for proration purposes. That would not be practical. And under the correlative rights doctrine, it's a practical situation. But you still have the problem, regardless of proration, and taking proration out of it, whether or not the legal problems, whether or not Rule 506, which is a well situation, is compatible with the statute on correlative rights, which is a lease basis, and I believe there is some legal difficulties here, I would like to file a brief on.

Secondly, there is the question, of course, of

client's administrative precedence. There could well be a question of whether the change in rule could only be prospective because you may be depriving somebody of profits without compensation. For that reason I would ask permission of the Commission to file a brief on those two legal points.

Finally, historically this Commission has always played very fair with the industry. It has dealt in good faith with the industry and I think it would be appropriate and in good faith, as I'm sure this Commission will be, to hold the status quo in the instances where the operators are diligently and properly trying to evaluate their pools and give this Commission the proper evidence in which to make its determination. Thank you.

MR. KASTLER: Mr. Porter.

MR. PORTER: Just one second, Mr. Kastler. Thank you.

MR. KASTLER: Putting on another hat and representing at this time Warren Petroleum Corporation and also Gulf, I would like to amend my earlier statement to the effect that both companies concur in the suspension as outlined by Mr. Christy.

MR. PORTER: Anyone else have any comments or statements to make? Let me ask, does anyone have any objection to a period of time being granted for the filing of briefs on two legal points raised by Mr. Christy?

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Mr. Christy, what do you think would be a reasonable time?

MR. CHRISTY: I don't know.

MR. PORTER: Not a complete study.

MR. CHRISTY: Ten, twelve, fourteen days, something like that. A couple of weeks.

MR. PORTER: The Commission will allow a period of fifteen days for briefs for, not only by you, but anyone else.

We will take the case under advisement, including your motion.

The hearing is adjourned.

(Whereupon, the hearing was adjourned.)

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I N D E X

WITNESS	PAGE
JOE D. RAMEY	
Direct Examination by Mr. Hatch	7
Cross-Examination by Mr. Porter	31
Cross-Examination by Mr. Christy	35
Cross-Examination by Mr. Porter	51
Cross-Examination by Mr. Kellahin	52
Cross-Examination by Mr. Nutter	54
Redirect Examination by Mr. Hatch	57
Recross-Examination by Mr. Christy	59
Recross-Examination by Mr. Nutter	59
Recross-Examination by Mr. Christy	60
JERRY MORITZ	
Direct Examination by Mr. Kellahin	62
Cross-Examination by Mr. Ramey	67
Cross-Examination by Mr. Hatch	70
Cross-Examination by Mr. Utz	70
Cross-Examination by Mr. Nutter	73
ROY C. WILLIAMSON	
Direct Examination by Mr. Christy	74
Cross-Examination by Mr. Porter	102
Cross-Examination by Mr. Nutter	107
Cross-Examination by Mr. Ramey	112
Cross-Examination by Mr. Hatch	115
Cross-Examination by Mr. Utz	117
Cross-Examination by Mr. Nutter	118
Redirect Examination by Mr. Christy	119
Recross-Examination by Mr. Ramey	120
JOHN HENDRIX	
Direct Examination by Mr. Jennings	122
Cross-Examination by Mr. Ramey	130
H. G. FREEDMAN	
Direct Examination by Mr. Jennings	133
Cross-Examination by Mr. Nutter	141
Cross-Examination by Mr. Hatch	142
Cross-Examination by Mr. Ramey	143

dearnley-meier reporting service

INDEX
(Continued)

NUMBER	MARKED	OFFERED AND ADMITTED
Commission's 1	11	29
Commission's 2 & 3	15	29
Commission's 4	18	29
Commission's 5	21	29
Commission's 6	23	29
Commission's 7 thru 11	29	30
Commission's 12 thru 14	29	31
BTA's 1	63	67
MKA's 1 thru 9	79	102
MKA's 10	135	141
MKA's 11	136	141
MKA's 12	137	141
MKA's 13	139	141

STATE OF NEW MEXICO)
: ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 9th day of September, 1971.

Ada Dearnley
Notary Public-Court Reporter

My Commission Expires:

June 19, 1975.

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CASE 4552 (DE NOVO): MOTION OF OCC FOR THE AMENDMENT OF RULE 506 OF COMMISSION RULES & REGULATIONS.