

CASE 4105:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case Number.

4105

Application
Transcripts.

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

Hobbs, New Mexico

April 16, 1969

REGULAR HEARING

IN THE MATTER OF:

Southeastern Nomenclature
Case calling for an order
for the creation and an
extension of certain pools
in Lea, Eddy, Chavez, and
Roosevelt Counties, New
Mexico.

Case 4105

BEFORE: A. L. PORTER, Jr. Secretary-Director
ALEX J. ARJIMO, Land Commissioner
GOVERNOR DAVID F. CARGO, Chairman
GEORGE HATCH, Counsel

TRANSCRIPT OF HEARING

MR. HATCH: Case 4105, Southeastern Nomenclature Case calling for an order for the creation and an extension of certain pools in Lea, Eddy, Chavez, and Roosevelt Counties, New Mexico.

(Thereupon, Commission's Exhibit 1 was marked for identification.)

JOHN W. RUNYAN

called as a witness by the Commission, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. HATCH:

Q State your name and position for the record?

A John W. Runyan, geologist with the New Mexico Oil Conservation Commission, Hobbs.

Q Are you prepared to make recommendations to the Commission concerning the creation and extension of certain pools in Lea, Eddy, Chavez, and Roosevelt Counties, New Mexico?

A I am.

Q Are your recommendations prepared in the form of an exhibit?

A Yes.

Q What is that Exhibit and paragraph numbers, please?

A Exhibit 1, paragraphs A through M.

Q I believe the Exhibit prepared is A through N, isn't it?

A Yes.

Q Please refer to Exhibit I, and to paragraph A, and make your recommendations concerning the creation of a new pool and the assignment of oil discovery allowables?

A I recommend a new pool be created for San Andres production designated as the Cormac-San Andres pool, comprising the following; Township 10, South, Range 33 East, Section 17, Northeast quarter.

Further, for the assignment of approximately 22,040 barrels of oil discovery allowable to the discovery well, Corinne Grace TP State Well No. 1 located in Unit A of said Section 17.

Q Refer to your Exhibit No. 1, and to paragraphs B through N, and point out any substantial differences between it and the docket for this case, and any corrections that need to be made?

A Paragraph D has the additional extension of

the Northeast quarter of Section 24.

Paragraph G has the additional extension of the Southeast quarter of Section 32.

Paragraph L has the additional extension of the Southwest quarter of Section 15.

Paragraph M has the additional extensions under Township 9 South, Range 34 East; the Southeast quarter of Section 11, Township 9 South, Range 35 East; the west half of Section 6, the Southwest quarter of Section 7, the Northwest quarter of Section 16, the Northeast quarter of Section 17.

And Paragraph N the extension of the Wantz-Abo pool is to be dismissed at this time pending further study.

Q You are asking the Commission to dismiss Paragraph N?

A That's correct.

Q Was Exhibit I prepared by you or under your supervision?

A Under my supervision.

MR HATCH: I would like to introduce Exhibit I into evidence, and ask the Commission to dismiss Paragraph N pending further study.

MR. PORTER: Pending further study, Paragraph N will be dismissed. The Exhibit will be admitted in the record.

(Thereupon, Commission's Exhibit I was admitted into evidence.)

Are there are questions of the witness? You may be excused. If there is nothing else to be offered in this case, the Commission will take it under advisement, and the hearing is adjourned.

I N D E XWITNESSPAGE

JOHN W. RUNYAN

Direct Examination by Mr. Hatch

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EXHIBITMARKEDADMITTED INTO
EVIDENCE

Commission's Exhibit

1

2

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STATE OF NEW MEXICO)
) SS.
COUNTY OF BERNALILLO)

I, SAMUEL MORTELETTE, Court Reporter in and for the County of Bernalillo, State of New Mexico, 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.

Samuel Mortelette

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. 4105
Order No. R-3731

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING AND EXTENDING CERTAIN
POOLS IN CHAVES, EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 16, 1969, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of April, 1969, 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 there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Cormac-San Andres Pool. Further, that the discovery well for said pool, the Corinne Grace T. P. State Well No. 1, located in Unit A of Section 17, Township 10 South, Range 33 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 22,040 barrels. Said discovery well was completed in the San Andres formation on February 8, 1969. The top of the perforations is at 4408 feet.

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(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of South Carlsbad-Morrow Gas Pool. Said South Carlsbad-Morrow Gas Pool was discovered by the Pennzoil United, Inc. Mobil 12 Federal Well No. 1, located in Unit G of Section 12, Township 23 South, Range 26 East, NMPM. It was completed in the Morrow formation on January 8, 1969. The top of the perforations is at 11,453 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Lusk-Delaware Pool. Said Lusk-Delaware Pool was discovered by the Pan American Petroleum Corporation Plains Unit Federal Well No. 7, located in Unit D of Section 33, Township 19 South, Range 32 East, NMPM. It was completed in the Delaware formation on December 29, 1968. The top of the perforations is at 4712 feet.

(5) That there is need for certain extensions to the Sulimar-Queen Pool in Chaves County, New Mexico, the South Corbin-Morrow Gas Pool, the Drinkard Pool, the Hobbs-Blinbry Pool, the Imperial Tubb-Drinkard Pool, the Maljamar Grayburg-San Andres Pool, the Teague-Blinbry Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico, the East Bluit-San Andres Pool and the South Prairie-Devonian Pool, both in Roosevelt County, New Mexico. Further, that the proposed extension to the Wantz-Abo Pool in Lea County, New Mexico, should be dismissed pending further study.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Cormac-San Andres Pool, consisting of the following-described area:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 17: NE 1/4

That the discovery well for said pool, Corinne Grace's T. P. State Well No. 1, located in Unit A of Section 17, Township 10 South, Range 33 East, NMPM, is hereby authorized an oil discovery allowable of 22,040 barrels to be assigned to said well

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at the rate of 31 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(b) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the South Carlsbad-Morrow Gas Pool, consisting of the following-described area:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
Section 12: N/2

(c) That a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production, is hereby created and designated as the Lusk-Delaware Pool, consisting of the following-described area:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 33: NW/4

(d) That the East Bluit-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
Section 13: SW/4
Section 24: NE/4

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM
Section 18: NW/4

(e) That the South Corbin-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 29: W/2

(f) That the Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 25: NW/4

(g) That the Hobbs-Blinbry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby

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extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 29: SW/4

Section 32: SW/4

(h) That the Imperial Tubb-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM

Section 21: E/2

Section 27: SW/4

Section 28: E/2

Section 33: NE/4

(i) That the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM

Section 9: SE/4

(j) That the South Prairie-Devonian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 20: W/2 NE/4

(k) That the Sulimar-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM

Section 24: S/2 NE/4

(l) That the Teague-Blinbry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM

Section 15: SW/4

Section 33: SE/4

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(m) That the Vada-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

Section 36: E/2

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM

Section 11: SE/4

Section 31: SW/4

Section 34: NW/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM

Section 6: W/2

Section 7: SW/4

Section 16: NW/4

Section 17: NE/4

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM

Section 1: NE/4

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

Section 5: NE/4

(n) That the proposed extension to the Wantz-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 1: S/2

Section 25: NE/4 and S/2

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM

Section 6: SW/4

Section 18: NW/4

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

Section 1: S/2

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM

Section 6: S/2

Section 7: NW/4

is hereby dismissed.

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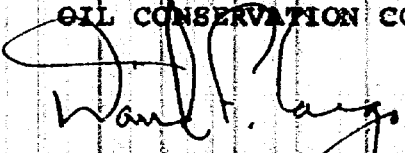
CASE No. 4105
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IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be May 1, 1969.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


DAVID F. CARGO, Chairman


ALEX J. ARMIJO, Member


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

esr/

Docket No. 11-69

DOCKET: REGULAR HEARING - WEDNESDAY - APRIL 16, 1969

OIL CONSERVATION COMMISSION - 9 A.M. THE HOLIDAY INN, 200 SOUTH LINAM,
HOBBS, NEW MEXICO

- ALLOWABLE: (1) Consideration of the oil allowable for May, 1969.
- (2) Consideration of the allowable production of gas for May, 1969, from thirteen prorated pools in Lea, Eddy, and Roosevelt 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 May, 1969.

CASE 4099:

Application of Joseph L. Dunigan for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for the Sudderth and Hicks Vickers Well No. 1 located in Unit A of Section 23, Township 20 South, Range 28 East, Russell (Yates) Pool, Eddy County, New Mexico. Applicant seeks authority to continue to dispose of produced salt water in an unlined surface pit located near said well.

CASE 4100:

Application of J. M. C. Ritchie for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for four wells located in Sections 16, 20 and 21 of Township 26 South, Range 27 West, Welch-Delaware Pool, Eddy County, New Mexico. Applicant seeks authority to continue to dispose of salt water produced by the four wells in unlined surface pits.

CASE 4101:

Application of George H. Mitchell for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil or gas or both, on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for all wells producing from the Pecos-Delaware Pool, Eddy County, New Mexico. Applicant seeks authority for the operators of said wells to continue to dispose of produced water in unlined surface pits servicing said wells.

CASE 4102: Application of W. H. McKinley for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended which order prohibits the disposal of water produced in conjunction with the production of oil or gas, or both, on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for the applicant's lease covering the SE/4 of Section 1, Township 17 South, Range 30 East, Square Lake Grayburg-San Andres Pool, Eddy County, New Mexico. Applicant seeks authority to continue to dispose of salt water produced by the wells on said lease in unlined surface pits.

CASE 4103: Application of New Mexico Salt Water Disposal Company, Inc., for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Queen and Penrose formations in the perforated interval from approximately 4823 feet to 5146 feet in the Charles B. Read Atlantic Richfield Well No. 2, located 660 feet from the South and West lines of Section 13, Township 19 South, Range 34 East, Quail-Queen Pool, Lea County, New Mexico.

CASE 4104: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the adoption of an administrative procedure whereby the Secretary-Director of the Commission could grant exceptions to Rule 303 (a) of the Commission Rules and Regulations and permit marginal zones in dually completed oil wells to be commingled in the well-bore provided waste would not result thereby, provided dual-flow down-hole choke assemblies or other acceptable mechanical devices were installed, and provided that the total production from both zones would not exceed top allowable for the uppermost zone. Further, to consider an administrative procedure to permit down-hole commingling of low marginal wells approaching their economic limit without the installation of the above-mentioned down-hole equipment.

CASE 4105: Southeastern nomenclature case calling for an order for the creation and extension of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Cormac-San Andres Pool comprising the following:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 17: NE/4

Further, for the assignment of approximately 22,040 barrels of oil discovery allowable to the discovery well Corinne Grace's T. P. State Well No. 1 located in Unit A of said Section 17.

(b) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the South Carlsbad-Morrow Gas Pool. The discovery well is Pennzoil United, Inc., Mobil 12 Federal No. 1 located in Unit G of Section 12, Township 23 South, Range 26 East, NMPM. Said pool should comprise:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
SECTION 12: N/2

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the Lusk-Delaware Pool. The discovery well is Pan American Petroleum Corporation, Plains Unit Federal No. 7 located in Unit D of Section 33, Township 19 South, Range 32 East. Said pool should comprise:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: NW/4

(d) Extend the East Bluit-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
SECTION 13: SW/4

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM
SECTION 18: NW/4

(e) Extend the South Corbin-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 29: W/2

(f) Extend the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 25: NW/4

(g) Extend the Hobbs-Blinbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
SECTION 29: SW/4

(h) Extend the Imperial Tubb-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: E/2
SECTION 27: SW/4
SECTION 28: E/2
SECTION 33: NE/4

(i) Extend the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: SE/4

(j) Extend the South Prairie-Devonian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 20: W/2 NE/4

(k) Extend the Sulimar-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: S/2 NE/4

(l) Extend the Teague-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 33: SE/4

(m) Extend the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 36: E/2

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 31: SW/4
SECTION 34: NW/4

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 1: NE/4

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

(n) Extend the Wantz-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: S/2

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: SW/4
SECTION 18: NW/4

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: S/2

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: S/2
SECTION 7: NW/4

CASE 4105: (a) CREATION OF A NEW OIL POOL

COUNTY	LEA	POOL	CORNAC-SAN ANDRES
TOWNSHIP	10 South	RANGE	33 East NMPM
6	5	4	3 2 1
7	8	9	10 11 12
18	17	16	15 14 13
19	20	21	22 23 24
30	29	28	27 26 25
31	32	33	34 35 36

PURPOSE: One completed oil well capable of producing.

CORINNE GRACE - T. P. State #1 in Unit A of Section 17-10-33. Completed in San Andres on February 8, 1969. Top of Perforations 4408'.

Proposed pool boundary colored in red. SECTION 17. NE/4

CASE 4105: (b) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL South Carlsbad-Morrow-Gas

TOWNSHIP	23S	RANGE	26E	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: One completed gas well capable of producing.

Discovery Well: Pennzoil United Inc., Mobil 12 Federal well
No. 1 in unit G of Section 12-23-26. Completed in Morrow January
8, 1969, through perforations 11453' to 11539'.

Proposed pool colored in green. Section 12: N/2

CASE 4105: (c) CREATION OF A NEW OIL POOL

COUNTY	LEA	POOL	LUSK-DELAWARE		
TOWNSHIP	19 South	RANGE	32 East	NMFM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - Plains Unit Federal #7 in Unit D of Section 33-19-32. Completed in Delaware on December 29, 1968. Top of Perforations 4712'.

Proposed pool boundary colored in red. SECTION 33: NW/4

CASE 4105: (d) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY		ROOSEVELT		POOL		EAST BLUITT-SAN ANDRES					
TOWNSHIP		8 South		RANGE		37 East		NMPM			
6		5		4		3		2		1	
7		8		9		10		11		12	
18		17		16		15		14		13	
19		20		21		22		23		24	
30		29		28		27		26		25	
31		32		33		34		35		36	

PURPOSE: Two completed oil wells capable of producing.

EUGENE E. NEARBURG - Baetz Federal #2 in Unit K of Section 13-8-37. Completed in San Andres on February 26, 1969. Top of Perforations 4623'.

ADDITION--FRANKLIN, ASTON & FAIR, INC. - McCaw Federal #1 in Unit A of Section 24-8-37. Completed in San Andres on March 8, 1969.

Top of Perforations 4702'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 13: SW/4

ADDITION----SECTION 24: NE/4

CASE 4105: (d) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	ROOSEVELT		POOL	EAST BLUITT-SAN ANDRES		
TOWNSHIP	8 South	RANGE	38 East	NMPM		
	6	5	4	3	2	1
	7	8	9	10	11	12
	18	17	16	15	14	13
	19	20	21	22	23	24
	30	29	28	27	26	25
	31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (d), Exhibit I.

RODEN OIL COMPANY - Roden Bluit Federal #1 in Unit E of Section 18-8-38.

Completed in San Andres on February 25, 1969. Top of Perforations 4697'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 18: NW/4

CASE 4105: (e) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH CORBIN-MORROW GAS

TOWNSHIP 18 South RANGE 33 East NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed gas well capable of producing.

PENNZOIL UNITED, INC. - Hudson "29" Federal #2 in Unit K of Section 29-18-33. Completed in Morrow on December 22, 1968. Top of Perforations 13,283'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 29: W/2

CASE 4105: (f) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	DRINKARD
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TOWNSHIP 21 South RANGE 37 East NMPM

PURPOSE: One completed oil well capable of producing.

SOLAR OIL COMPANY - Gulf Sarkey's #2 in Unit F of Section 25-21-37.

Completed in Drinkard on November 30, 1968. Top of Perforations 6849'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 25: NW/4

CASE 4105: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL HOBBS-BLINEBRY

TOWNSHIP 18 South RANGE 38 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - State A-29 #7 in Unit N of Section 29-18-38.

Completed in Blinebry on February 11, 1969. Top of Perforations 5823'.

ADDITION--GULF OIL CORPORATION - W. D. Grimes NCT-A #20 in Unit K of

Section 32-18-38. Completed in Blinebry on April 1, 1969.

Top of Perforations 5829'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 29: SW/4

ADDITION---SECTION 32: SW/4

CASE 4105: (H) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	IMPERIAL TUBB-DRINKARD												
TOWNSHIP	23 South	RANGE	37 East	NMPM											
6	5	4	3	2	1										
7	8	9	10	11	12										
18	17	16	15	14	13										
19	20	21	22	23	24										
30	29	28	27	26	25										
31	32	33	34	35	36										

PURPOSE: Five completed oil wells capable of producing.

SOLAR OIL COMPANY - Seeton #2 in Unit B of Section 21-23-37. Completed in Tubb/Drinkard on October 30, 1968. Top of Perforations 6334'.

SOLAR OIL COMPANY - G. G. Travis #2 in Unit J of Section 21-23-37. Completed in Tubb-Drinkard on December 4, 1967. Top of Perforations 6129'.

SOLAR OIL COMPANY - G. G. Travis #3 in Unit I of Section 21-23-37. Completed in Tubb/Drinkard on November 9, 1968. Top of Perforations 6296'.

SOLAR OIL COMPANY - Fanning "A" #1 in Unit B of Section 33-23-37. Completed in Tubb/Drinkard on January 15, 1968. Top of Perforations 6004'.

SOLAR OIL COMPANY - Fanning "B" #1 in Unit A of Section 33-23-37. Completed in Tubb-Drinkard on December 11, 1967. Top of Perforations 6111'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 21: E/2

SECTION 27: SW/4

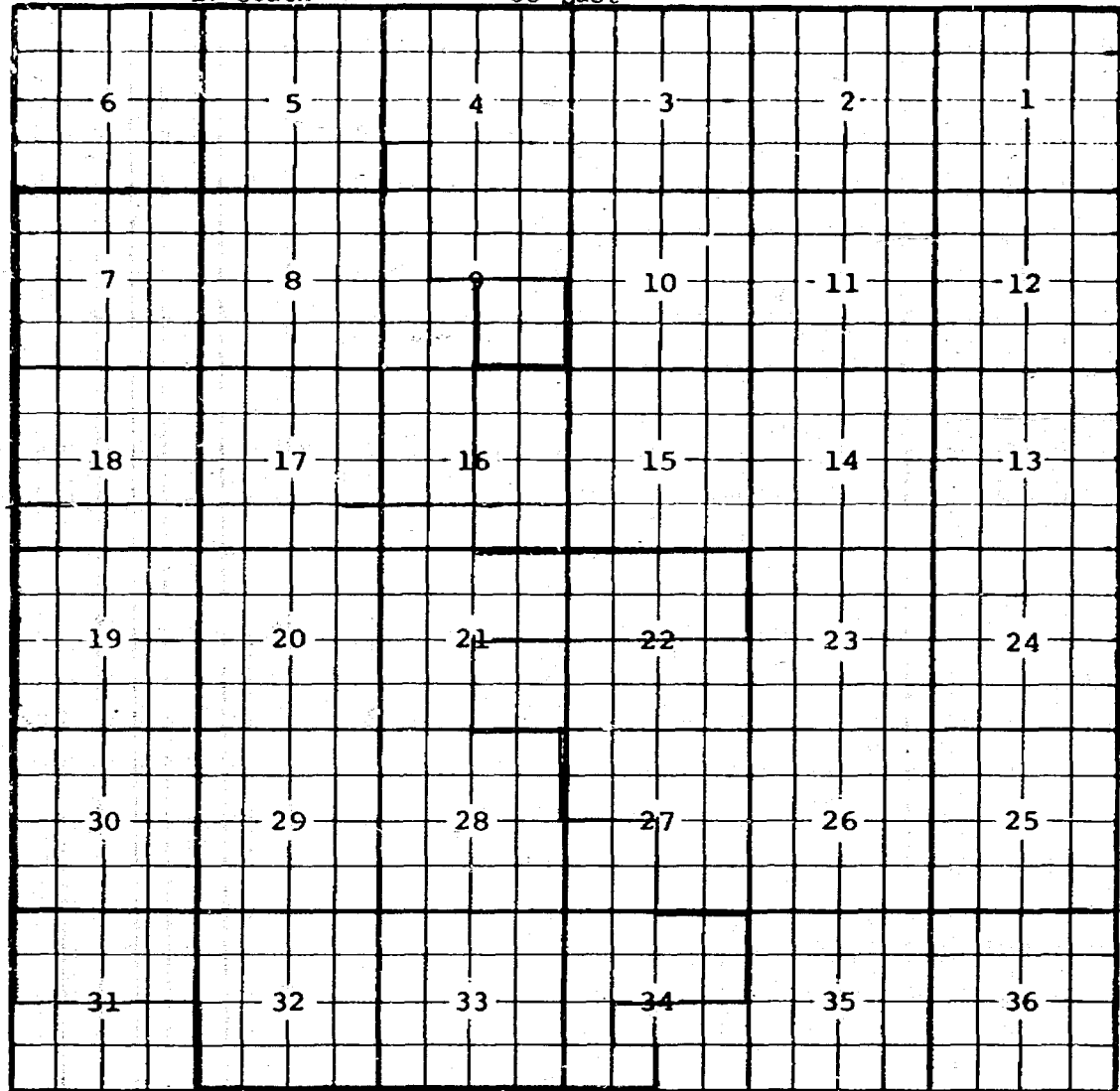
SECTION 28: E/2

SECTION 33: NE/4

CASE 4105: (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MALJAMAR GRAYBURG-SAN ANDRES

TOWNSHIP 17 South RANGE 33 East NMFM



PURPOSE: One completed oil well capable of producing.

PHILLIPS PETROLEUM COMPANY - Phillips "E" State #10 in Unit O of Section 9-17-33. Completed in Grayburg on February 13, 1969. Top of Perforations 4357'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 9: SE/4

CASE 4105: (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY	ROOSEVELT	POOL	SOUTH PRAIRIE-DEVONIAN		
TOWNSHIP	8 South	RANGE	36 East	NMFM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: To extend this pool to include all dedicated acreage.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 20: W/2 NE/4

CASE 4105: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY	Chaves	POOL	Sulimar-Queen
TOWNSHIP	15S	RANGE	29E NMPM
6	5	4	3 2 1
7	8	9	10 11 12
18	17	16	15 14 13
19	20	21	22 23 24
30	29	28	27 26 25
31	32	33	34 35 36

Purpose: Two completed oil wells capable of producing

Jack L. McClellan, Lisa C Federal well No.2 in unit G of Section 24-15-29. Completed in Queen formation February 19, 1969, through perforations 1948' to 2002'.

Jack L. McClellan, Lisa C Federal well No.3 in unit H of Section 24-15-29. Completed in Queen formation March 10, 1969, through perforations 2014' to 2026'.

Present Pool boundary colored in red.

Proposed extension colored in green. Section 24: S/2 NE/4

CASE 4105: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	TEAGUE-BLINEBRY
TOWNSHIP	23 South	RANGE	37 East
NMPM			
6	5	4	3
7	8	9	10
18	17	16	15
19	20	21	22
30	29	28	27
31	32	33	34

PURPOSE: One completed oil well capable of producing.

GETTY OIL COMPANY - B. F. Davis #2 in Unit I of Section 33-23-37. Completed in Blinebry on February 13, 1969. Top of Perforations 5356'.

ADDITION--CONTINENTAL OIL COMPANY - Cline A-15 #2 in Unit M of Section 15-23-37. Completed in Blinebry on March 4, 1969. Top of Perforations 5496'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 33: SE/4

ADDITION-----SECTION 15: SW/4

CASE 4105: (m) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL	VADA-PENNSYLVANIAN												
TOWNSHIP	9 South	RANGE	33 East	NMPM											
6	5	4	3	2	1										
7	8	9	10	11	12										
18	17	16	15	14	13										
19	20	21	22	23	24										
30	29	28	27	26	25										
31	32	33	34	35	36										

PURPOSE: Three completed oil wells capable of producing.

BTA OIL PRODUCERS - Sunray 682 Ltd. #3 in Unit H of Section 36-9-33.

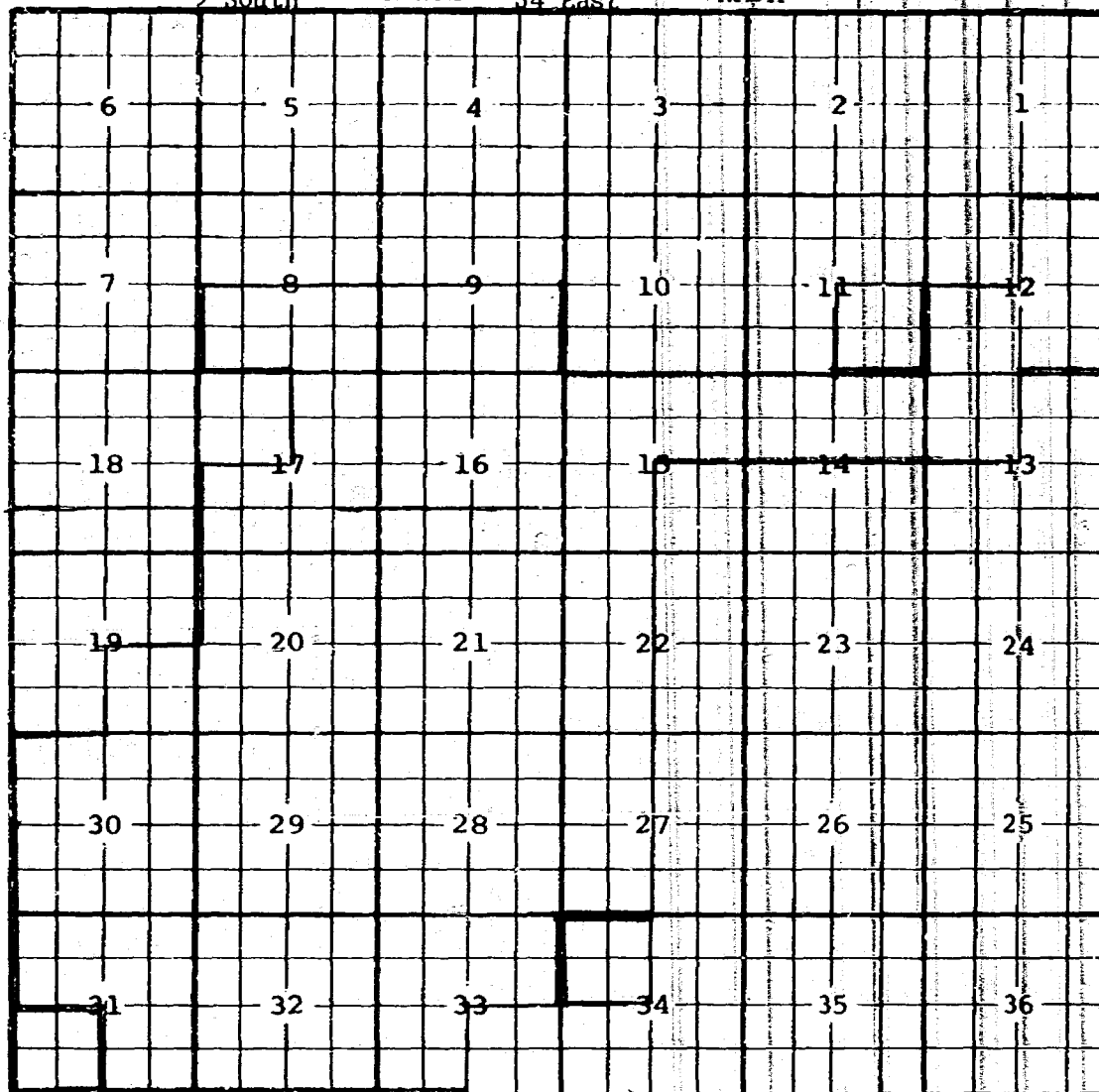
Completed in Bough C on February 14, 1969. Top of Perforations 9734'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 36: E/2

CASE 4105: (m) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL VADA-PENNSYLVANIAN
TOWNSHIP 9 South RANGE 34 East NMFM



PURPOSE: As stated on preceding page, paragraph (m), Exhibit I.

UNION OIL COMPANY OF CALIFORNIA - Federal "34" #1 in Unit D of Section 34-9-34. Completed in Pennsylvanian on February 12, 1969. Top of Perforations 9806'.

ADDITION--TENNECO OIL COMPANY - Bate Federal Com #1 in Unit I of Section 11-9-34. Completed in Bough C on March 9, 1969. Top of Perforations 9762'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 31: SW/4

SECTION 34: NW/4

ADDITION---SECTION 11: SE/4

COUNTY LEA POOL VADA-PENNSYLVANIAN

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 6x6 grid, with the top row containing 1-6, the second row 7-12, the third row 13-18, the fourth row 19-24, the fifth row 25-30, and the sixth row 31-36. A 3x3 area in the top-left corner is shaded, covering the cells containing numbers 1, 2, 3, 4, 5, 6, 7, 8, and 9.

ADDITION--DELAWARE-APACHE CORPORATION - Rogers #1 in Unit E of Section
6-9-35. Completed in Bough C on January 29, 1969. Top of
Perforations 9766'.

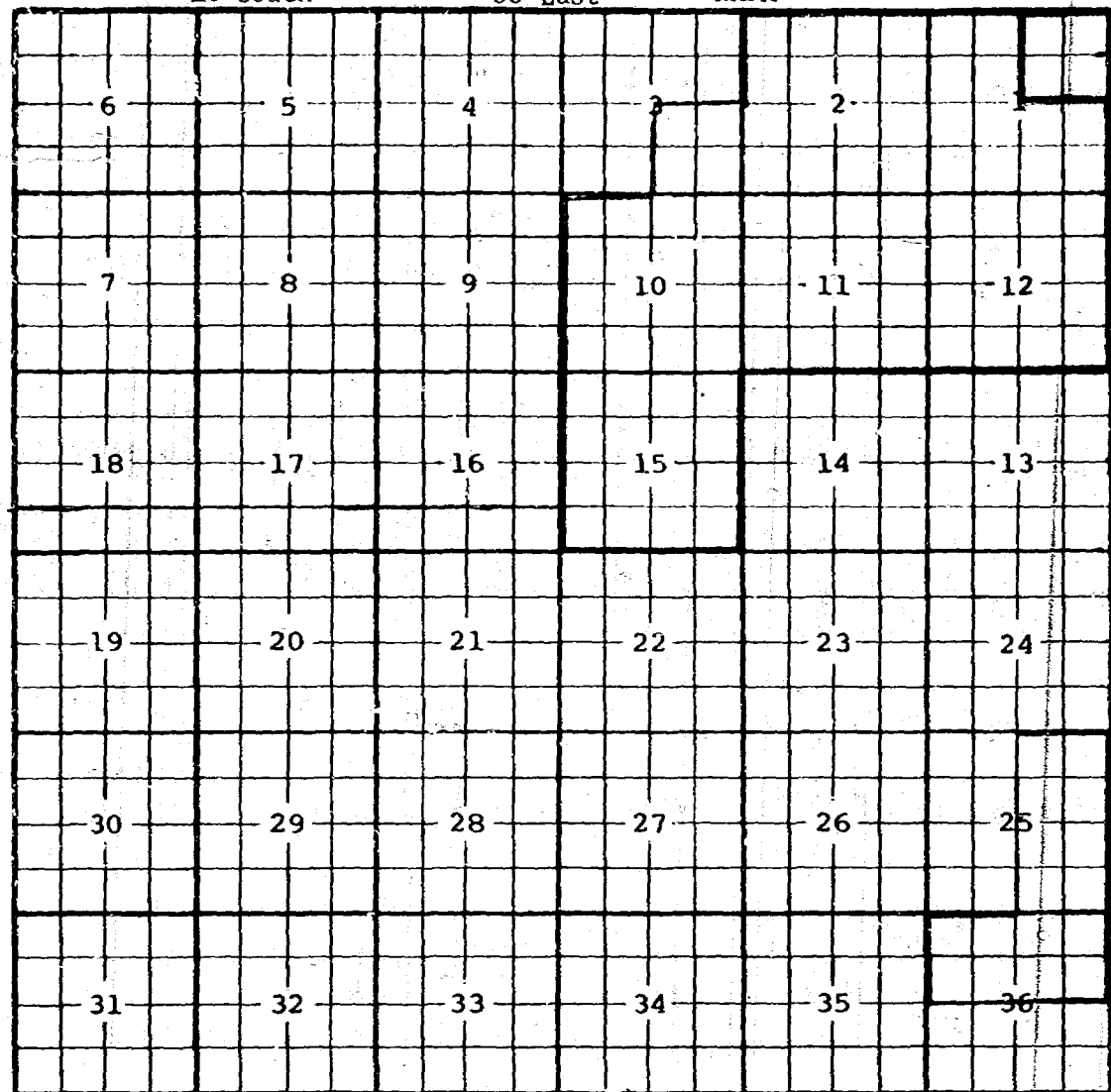
ADDITION--BTA OIL PRODUCERS - C. C. 691 Ltd. State #1 in Unit D of Sec-
tion 16-9-35. Completed in Bough C on March 21, 1969. Top
of Perforations 9816'.

SECTION 17: NE/4

CASE 4105: (m) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL VADA-PENNSYLVANIAN

TOWNSHIP 10 South RANGE 33 East NMPM



PURPOSE: As stated on preceding page, paragraph (m), Exhibit I.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 1: NE/4

CASE 4105: (m) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL	VADA-PENNSYLVANIAN		
TOWNSHIP	10 South	RANGE	34 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (m), Exhibit I.

MONSANTO COMPANY - State "M" Com #1 in Unit A of Section 5-10-34. Completed in Bough C on January 14, 1969. Top of Perforations 9880'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 5: NE/4

CASE 4105: (n) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL	WANTZ-ABO		
TOWNSHIP	21 South	RANGE	37 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: Four completed oil wells capable of producing.

ADDITION--SOLAR OIL COMPANY - Royalty Holding #1 in Unit B of Section 25-21-37. Completed in Abo on January 21, 1969. Top of Perforations 7046'.

ADDITION--SOLAR OIL COMPANY - Art Yeager #1 in Unit J of Section 25-21-37. Completed in Abo on March 4, 1969. Top of Perforations 7439'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 1: S/2

ADDITION-----SECTION 25: NE/4 and S/2

TO BE DISMISSED

CASE 4105: (n) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL	WANTZ-ABO		
TOWNSHIP	21 South	RANGE	38 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (n), Exhibit I.

SOLAR OIL COMPANY - Elliott Fields #1 in Unit U of Section 6-21-38.

Completed in Abo on December 21, 1968. Top of Perforations 7225'.

SOLAR OIL COMPANY - Binin #2 in Unit E of Section 18-21-38. Completed in Abo on November 25, 1968. Top of Perforations 7409'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 6: SW/4

SECTION 18: NW/4

TO BE DISMISSED

CASE 4105: (n) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL WANTZ-ABO

TOWNSHIP 22 South RANGE 37 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (n), Exhibit I.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 1: S/2

TO BE DISMISSED

CASE 4105: (n) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL	WANTZ-ABO
TOWNSHIP	22 South	RANGE	38 East NMFM
6	5	4	3 2 1
7	8	9	10 11 12
18	17	16	15 14 13
19	20	21	22 23 24
30	29	28	27 26 25
31	32	33	34 35 36

PURPOSE: As stated on preceding page, paragraph (n), Exhibit I.

SOLAR OIL COMPANY - Federal GPS #1 in Unit O of Section 6-22-38. Completed in Abo on November 2, 1968. Top of Perforations 7297'.

SOLAR OIL COMPANY - McCallister #1 in Unit C of Section 7-22-38. Completed in Abo on October 1, 1968. Top of Perforations 6924'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 6: S/2

SECTION 7: NW/4

TO BE DISMISSED


THE PERMIAN CORPORATION
 MIDLAND, TEXAS

OWNER <i>Carmin, Grace</i>									
WELL NOS.									
LEASE <i>+ P. State</i>									
STATION NO.		MO.		DAY		YE.		RUN IN. NO.	
277		2		16		69		121840	
LEASE NO.				TANK NO.			FIELD		
577809				Test					
TANK SIZE				OIL LEVEL				CALCULATIONS	
Test									
Gauge				FT.				TEMP.	
1ST				150				88	
2ND				RWS					
HOT. OF CON								147.15	
B. S. & W. LEVEL				OBS. GRAVITY				TEMPERATURE	
1ST				18.0				86	
2ND				8/10				16.6	
ESTIMATED BBLs.				150.0					
OIL MOVED BY									
☐ Pump ☐ Grav. ☒ Truck ☐ P. L. Co. ☒ Other									
REMARKS									
<i>Tank truck capacity</i> <i>First run.</i>									
TIME		DATE		TURNED ON					
10:30 PM		2-16		GAUGER <i>J. R. Chivins</i>					
OFF SEAL				OWNERS WITNESS					
TIME		DATE		SHUT OFF					
11:30 PM		2-16		GAUGER <i>J. R. Chivins</i>					
ON SEAL				OWNERS WITNESS					
<i>No Seal / Pence</i>									

Oil gravity as reported on Form C-105 or Form 9-330 on nearest wells producing from San Andres:

Coastal States Gas Producing Co., State 4 #1, B-4-10S-33E: 18.5
 Coastal States Gas Producing Co., Ainsworth 33 #1, P-33-9S-33E: 19.0
 Coastal States Gas Producing Co., Gonsales Fed. #7, B-33-9S-33E: 17.8
 Coastal States Gas Producing Co., Gonsales Fed. #9, H-33-9S-33E: 18.6

Case 4/05

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering
DALLAS, TEXAS

Page No. 1

CA-2011

Company	CORINNE GRACE	File	WP-3-3125
Well	T. R. STATE NO. 1	Date	2-3-69
Field	WILDCAT	Elevation	
County	LEA	State	NEW MEXICO
Location	660 FN & EL SEC 17-T10S-R33E		
		Drilg Fluid	WATER BASE MUD

Lithological Abbreviations

SAND-SS SHALE-SH LIME-LM	DOLomite-DOL CHERT-CHT GYPSUM-GYP	ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FO	SANDY-SDY SHALY-SHY LMY-LMY	FINE-FN MEDIUM-MED COARSE-CRSE	CRYSTALLINE-XLN GRAIN-GN GRANULAR-GNR	BROWN-BRN GRAY-GRY VUGGY-VGY	FRACTURED-FRAC LAMINATED-LAM STYLOLITE-STYC	SLIGHTLY-SL/ VERY-V/ WITH-W/
--------------------------------	---	---	-----------------------------------	--------------------------------------	---	------------------------------------	---	------------------------------------

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	RESIDUAL SATURATION PERCENT PORE		DESCRIPTION
		MAX	90°		OIL	WATER	

WHOLE-CORE ANALYSIS

CORE NO. 1 4434-4484							
1	4434.0-35.7	8.6	8.2	14.8	12.6	26.4	DOL SL/FRAC
2	35.7-37.3	0.2	0.2	10.5	13.9	33.2	DOL SL/FRAC
3	37.3-39.1	1.7	1.5	13.1	11.5	33.3	DOL
4	39.1-40.7	0.3	0.2	8.3	3.5	38.8	DOL SL/VGY
5	40.7-42.5	1.0	0.8	10.0	9.8	32.8	DOL SL/VGY
6	42.5-44.0	0.2	0.1	3.2	8.2	64.7	DOL SL/VGY
7	44.0-45.7	0.5	0.4	7.8	6.9	40.8	DOL SL/VGY
8	45.7-47.0	0.1	0.1	8.2	2.1	59.4	DOL SHY
9	47.0-48.5	0.1	0.1	5.4	5.6	62.0	DOL SL/FRAC
10	48.5-50.2	0.4	0.3	4.4	19.2	73.1	DOL SL/VGY
11	50.2-51.9	0.5	0.4	11.8	7.9	39.5	DOL SHY, SL/FRAC, SL/VGY
12	51.9-53.6	7.4	7.4	14.9	10.1	36.1	DOL
13	53.6-55.5	16	15	19.0	11.5	36.1	DOL
14	55.5-57.2	3.9	3.5	12.5	12.3	38.6	DOL SL/VGY
15	57.2-59.0	3.8	3.8	13.3	10.5	31.6	DOL
16	59.0-62.0	DOL					
16	62.0-63.6	3.5	3.5	8.3	24.6	49.0	DOL
17	63.6-65.3	1.6	1.2	12.2	14.0	65.1	DOL
18	65.3-67.2	0.4	0.4	8.4	1.1	53.5	DOL SHY, SL/VGY
19	67.2-68.8	345	30	5.8	6.2	53.2	DOL SL/VGY, FRAC
20	68.8-70.5	15	11	10.4	6.7	44.7	DOL SL/VGY, FRAC
21	70.5-72.2	5.7	2.9	9.4	10.1	44.8	DOL FRAC
22	72.2-74.0	2.2	1.7	4.8	7.5	46.1	DOL FRAC
23	74.0-75.7	5.3	0.6	8.9	6.7	39.8	DOL SL/VGY
24	75.7-77.3	<0.1	<0.1	5.9	0.7	53.1	DOL SL/VGY, FRAC
25	77.3-78.6	0.7	0.6	4.3	2.8	59.7	DOL SL/VGY
26	78.6-80.0	3.7	2.7	5.8	4.1	49.1	DOL SL/VGY
27	80.0-81.8	276	1.6	9.1	8.1	39.1	DOL VGY
28	81.8-83.0	*1.3	*1.8	9.8	7.9	41.9	DOL SL/VGY, FRAC
29	83.0-84.0	*0.7	*0.7	6.5	4.0	69.7	DOL SL/VGY, FRAC
CORE NO. 2 4484-4524							
30	4484.0-85.0	0.2	0.1	6.0	3.5	69.0	DOL

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

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

Page No. 2

CA-2011

Company CORINNE GRACE

File WP-3-3125

Well T. P. STATE NO. 1

Date 2-3-69

Field WILDCAT

Elevation

County LEA

State NEW MEXICO

Drig. Fluid WATER BASE MUD

Location 660 FN & EL SEC 17-T10S-R33E

Lithological Abbreviations

SAND-SS	DOLOMITE-DOL	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
SHALE-SH	CHERT-CHT	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GN	GRAY-GRY	LAMINATED-LAM	VERY-V/
LIME-LM	GYP-SUM-GYP	FOSSILIFEROUS-FO	LIMY-LMY	COARSE-CRSE	GRANULAR-GNR	VUGGY-VGY	STYLOLITIC-STYC	WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PERCENT	RESIDUAL SATURATION PERCENT PORE		DESCRIPTION
		MAX	90°		OIL	WATER	
31	4485.0-86.0	0.3	0.2	6.1	2.9	61.9	DOL
	86.0-95.0 DOL						
	4495.0-24.0 LM						

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

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

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2-12-69

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Case 4105

CORE ANALYSIS REPORT
FOR
CORINNE GRACE
T. P. STATE NO. 1 WELL
WILDCAT
LEA COUNTY, NEW MEXICO



NOMENCLATURE ADVERTISEMENT FOR APRIL, 1969
CASE 4105 JER

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 new pools in Eddy and Lea Counties, New Mexico, and the extension of certain existing pools in Chaves, Lea, and Roosevelt Counties, New Mexico; and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the South Carlsbad-Morrow Gas Pool. The discovery well is Pennzoil United, Inc., Mobil 12 Federal No. 1 located in Unit G of Section 12, Township 23 South, Range 26 East, NMPM. Said pool described as:

✓ TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
SECTION 12: N/2

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Cormac-San Andres Pool comprising the following:

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 17: NE/4

Further, for the assignment of approximately 22,040 barrels of oil discovery allowable to the discovery well Corinne Grace's T.P. State Well No. 1, located in Unit A of said Section 17.

c) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the Lusk-Delaware Pool. The discovery well is Pan American Petroleum Corporation, Plains Unit Federal No. 7 located in Unit D of Section 33, Township 19 South, Range 32 East, NMPM. Said pool described as:

✓ TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: NW/4

d) EXTEND the East Bluit-San Andres Pool in Roosevelt County, New Mexico, to include therein: ✓

✓ TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
SECTION 13: SW/4

✓ TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM
SECTION 18: NW/4

e) EXTEND the South Corbin-Morrow Gas Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 29: W/2

f) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 25: NW/4

-2-

April, 1969 Nomenclature

g) EXTEND the Hobbs-Blinebry Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
SECTION 29: SW/4

h) EXTEND the Imperial Tubb-Drinkard Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: E/2
✓ SECTION 27: SW/4
SECTION 28: E/2
SECTION 33: NE/4

i) EXTEND the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: SE/4

j) EXTEND the South Prairie-Devonian Pool in Roosevelt County, New Mexico, to include therein: ✓

✓ TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 20: W/2 NE/4

k) EXTEND the Sulimar-Queen Pool in Chaves County, New Mexico, to include therein: ✓

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: S/2 NE/4

l) EXTEND the Teague-Blinebry Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 33: SE/4

m) EXTEND the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 36: E/2

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 31: SW/4
SECTION 34: NW/4

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 1: NE/4

✓ TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

-3-
April, 1969 Nomenclature

n) EXTEND the Wantz-Abo Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: S/2

✓ TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: SW/4
SECTION 18: NW/4

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: S/2

✓ TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: S/2
SECTION 7: NW/4

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

Form C-109
 Adopted 9-1-66

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 509.
 If discovery is claimed for more than one zone, separate forms must be filed for each.

4/105

Operator Corinne Grace		Address P. O. Box 1416, Midland, Texas	
Lease Name T. P. State		Well No. 1	County Log
Well Location Unit Letter A ; 660 Feet from The North Line and 660 Feet From the East Line of Section 17 , Township 10S , Range 33E , NMPM			
Suggested Pool Names (List in order of preference) 1. Cornac 2. Necor 3.			
Name of Producing Formation San Andres		Perforations 4408 - 4478	Date of Filing Form C-104 2/14/69
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool?		If Yes, Give Date of Filing	Date Well was Spudded 1/25/69 Date Compl. Ready to Prod. 2/9/69
Total Depth 4524	Plugged Back Depth 4489	Depth Casing Shoe 4524	Tubing Depth 4410 Elevation (Gr., DF, RKB, etc.) 4202 RKB
Oil Well Potential (Test to be taken only after all load oil has been recovered) 272 Bbls. Oil Per Day Based On 136 Bbls In 12 Hours; 16 Bbls Water Per Day Based On 8 Bbls In 12 Hours; Gas Production During Test: 210.8 MCF; Gas-Oil Ratio: 155 Method Of Producing: Flow Chk. Size 1"			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name Middle Lane	Name of Producing Formation Bough "C"	Top of Pay 9650	Bottom of Pay 9656	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 1-1/4 miles East-Southeast		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 5248 feet		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name Flying "M"	Top of Pay 4541	Bottom of Pay 4565	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 11420 feet N-NE			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? No	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
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Is the Subject Well Multiple Completion? NO	Is Discovery Allowable Requested for other Zone(s)? No	If Yes, Name all Such Formations 220 50
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LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
See Attachment	

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks:	DOCKET MARKED Date 4-2-69
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CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

H. L. Smith
 Signature

Agent

Position

2/26/69
 Date

ATTACHMENT Form C-109:

Corinne Grace
T. P. State #1, Unit A, Sec. 17, T10S, R33E

Following is a list of all Operators owning leases within one mile of this well:

C. B. Read
P. O. Box 2126
Roswell, N. M.

Midwest Oil Corp.
1500 Wilco Bldg.
Midland, Texas

Seaggins & Ronneberg, LTD.
1224 Vaughn Plaza
Corpus Christi, Texas

Texas Pacific Oil Company
511 W. Ohio
Midland, Texas

Superior Oil Company
218 W. Illinois
Midland, Texas

Allied Chemical Company
1300 Vaughn Bldg.
Midland, Texas

Pan American Pet. Corp.
P. O. Box 1410
Fort Worth, Texas

Texaco, Inc.
P. O. Box 3109
Midland, Texas

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. 4105
ORDER NO. R- 3731

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING AND EXTENDING CERTAIN
POOLS IN CHAVES, EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on April 16, 1969, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this day of April, 1969, 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 there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Cormac-San Andres Pool. Further, that the discovery well for said pool, the Corinne Grace T. P. State Well No. 1, located in Unit A of Section 17, Township 10 South, Range 33 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 22,040 barrels. Said discovery well was completed in the San Andres formation on February 8, 1969. The top of the perforations is at 4408 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of South Carlsbad-Morrow Gas Pool. Said South Carlsbad-Morrow Gas Pool was discovered by the Pennzoil United, Inc. Mobil 12 Federal Well No. 1, located in Unit C of Section 12, Township 23 South, Range 26 East, NMPM. It was completed in the Morrow formation on January 8, 1969. The top of the perforations is at 11,453 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Lusk-Delaware Pool. Said Lusk-Delaware Pool was discovered by the Pan American Petroleum Corporation Plains Unit Federal Well No. 7, located in Unit D of Section 33, Township 19 South, Range 32 East, NMPM. It was completed in the Delaware formation on December 29, 1968. The top of the perforations is at 4712 feet.

(5) That there is need for certain extensions to the Sulimar-Queen Pool in Chaves County, New Mexico, the South Corbin-Morrow Gas Pool, the Drinkard Pool, the Hobbs-Blinbry Pool, the Imperial Tubb-Drinkard Pool, the Maljamar Grayburg-San Andres Pool, the Teague-Blinbry Pool, the Vada-Pennsylvanian Pool, and the ~~Wantz-Abo~~ Pool, all in Lea County, New Mexico, the East Bluit-San Andres Pool and the South Prairie-Devonian Pool, both in Roosevelt County, New Mexico. Further, that the proposed extension to the Wantz-Abo Pool in Lea County, New Mexico, should be dismissed pending further study.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Cormac-San Andres Pool, consisting of the following described area:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 17: NE/4

That the discovery well for said pool, Corinne Grace's T.P. State Well No. 1, located in Unit A of Section 17, Township 10 South, Range 33 East, NMPM, is hereby authorized an oil discovery allowable of 22,040 barrels to be assigned to said well at the rate of 31 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(l) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the South Carlsbad-Morrow Gas Pool, consisting of the following described area:

✓ TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
SECTION 12: N/2

(c) That a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production, is hereby created and designated as the Lusk-Delaware Pool, consisting of the following described area:

✓ TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: NW/4

(d) That the East Bluit-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
SECTION 13: SW/4
SECTION 24: NE/4

✓ TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM
SECTION 18: NW/4

(e) That the South Corbin-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 29: W/2

(f) That the Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 25: NW/4

(g) That the Hobbs-Blinberry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
SECTION 29: SW/4
SECTION 32: SW/4

(h) That the Imperial Tubb-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: E/2
SECTION 27: SW/4
SECTION 28: E/2
SECTION 33: NE/4

(i) That the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: SE/4

(j) That the South Prairie-Devonian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 20: W/2 NE/4

(k) That the Sulimar-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: S/2 NE/4

(l) That the Teague-Blinbry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 15: SW/4
SECTION 33: SE/4

(m) That the Vada-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 36: E/2

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 11: SE/4
SECTION 31: SW/4
SECTION 34: NW/4

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 6: W/2
SECTION 7: SW/4
SECTION 16: NW/4
SECTION 17: NE/4

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 1: NE/4

✓ TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

That the proposed extension to the Wantz-Abo Pool
(n) ~~That the Wantz-Abo Pool~~ in Lea County, New Mexico, as heretofore classified, defined, and described, ~~is hereby extended~~ to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: S/2
SECTION 25: NE/4 and S/2

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: SW/4
SECTION 18: NW/4

~~TO BE~~
~~DISMISSED~~

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: S/2

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: S/2
SECTION 7: NW/4

is hereby dismissed.
IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be May 1, 1969.

-4-
CASE NO. 4105
ORDER NO. R-_____

DONE at ~~Hobbs~~, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX ARMIJO, Member

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

S E A L