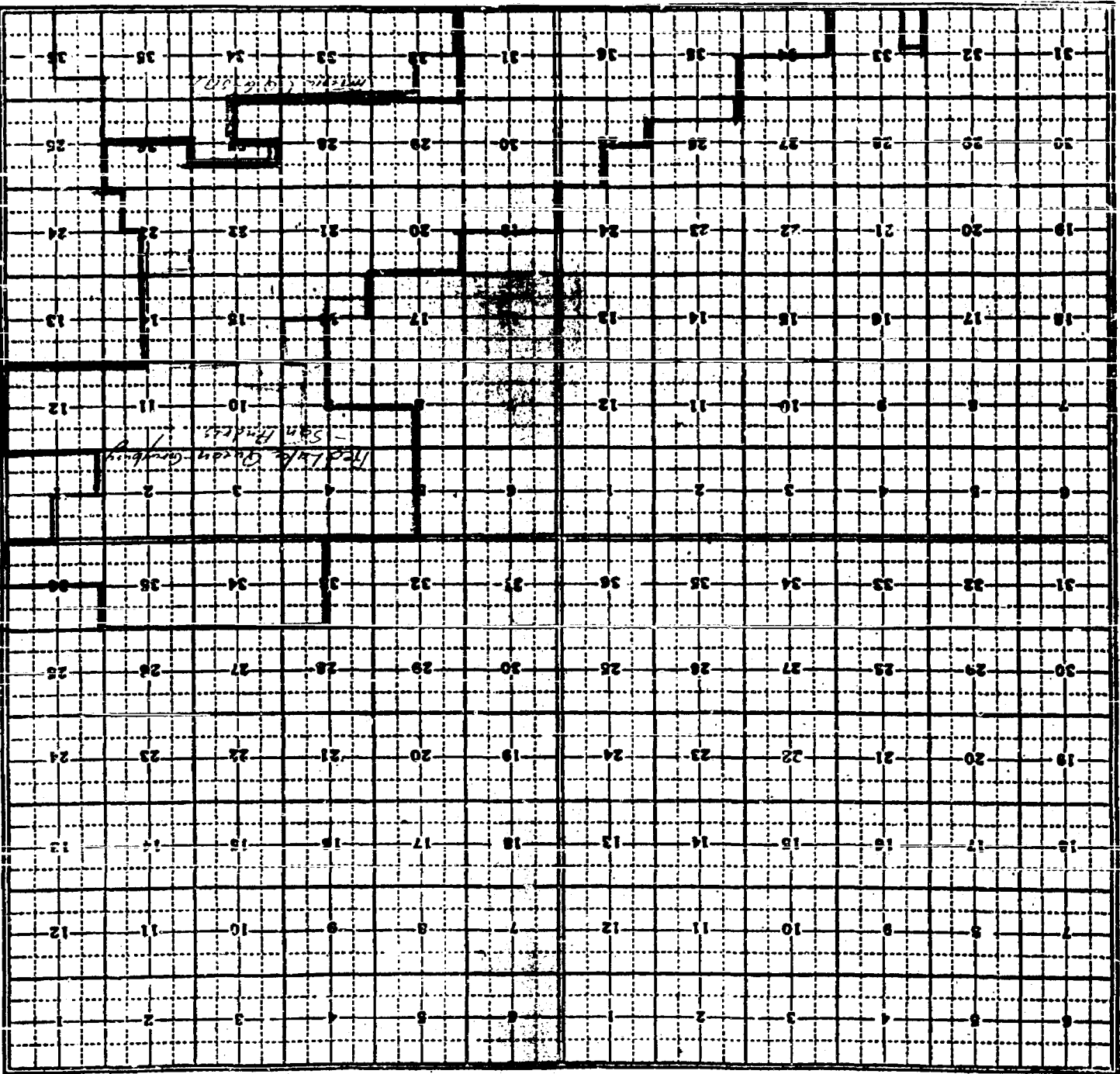




2832

him, Transcript,
Exhib. Etc.



County, _____

Township _____ Range _____

Township _____ Range _____

Form 104 (Four or Township)

27

28

Plot #3

Plot #3

County.

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

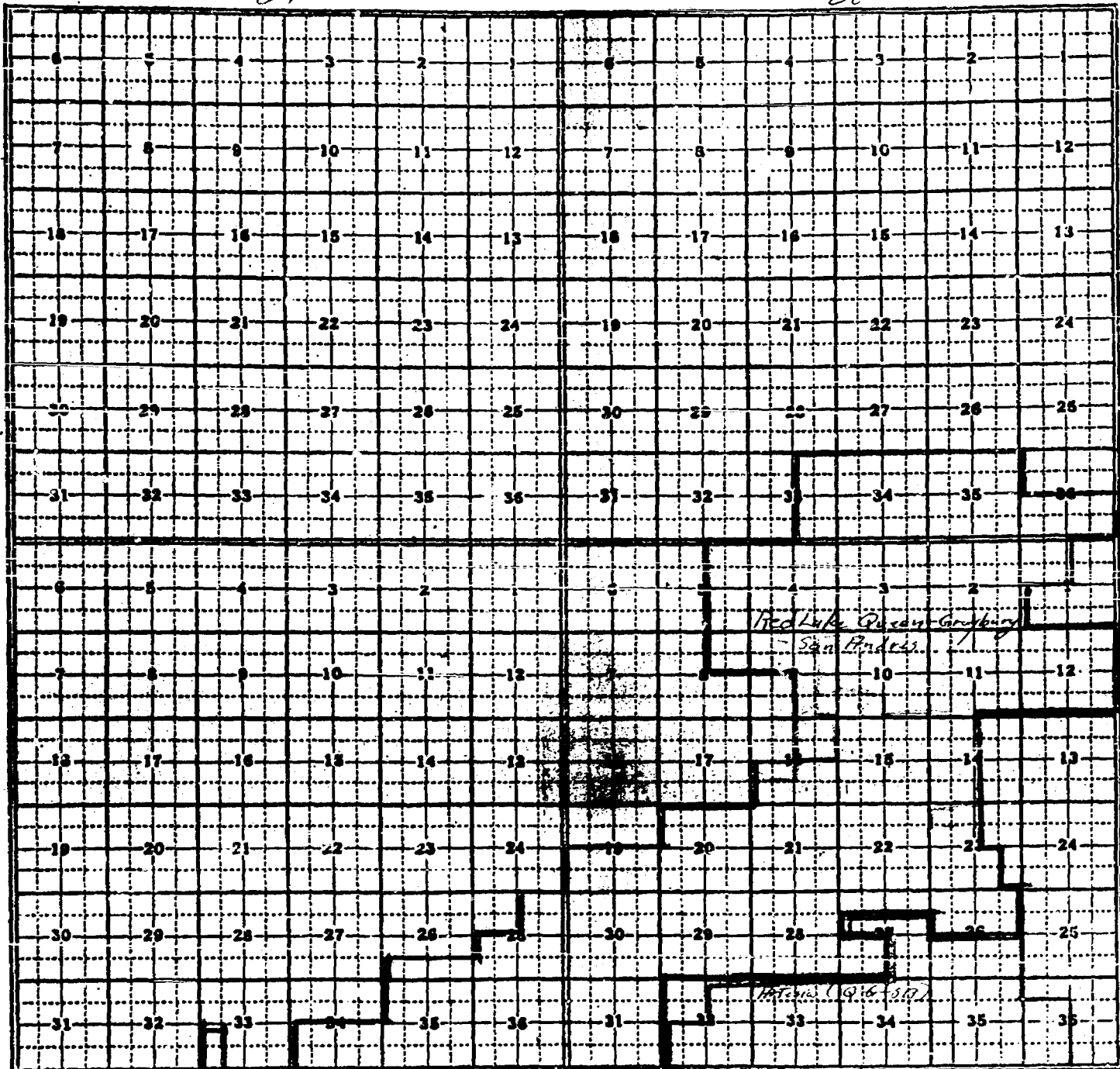
Form 104—(Four on Township)

27

28

16

17



GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico

Oil Conservation Commission



LAND COMMISSIONER
E. B. JOHNNY WALKER
MEMBER

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

P. O. DRAWER DD
ARTESIA, NEW MEXICO

March 20, 1963

Dan Nutter
Chief Engineer
NMOCC
P. O. Box 871
Santa Fe, New Mexico

Re: Formation groups
Group I Yates-Seven Rivers
Group II Queen-Grayburg-SA

Dear Dan:

The two current problems involving the Queen formation, J. M. Welch and Kersey and Hanson, have served to point out the following facts about oil production in Eddy County. Nowhere in the county, where production is found in more than one formation of the subject groups, has production been proven profitable enough to warrant the drilling of twin wells or the continued dual completion of wells. In general, production, thought initially high, has declined rapidly to marginal or stripper levels. I feel that for Eddy County, therefore, only single completions in the formation groups should be allowed without notice and hearing. In other words, on a 40 acre tract only one completion would be permitted in the Yates-Seven Rivers Group and one in the Queen-Grayburg-San Andres Group. There would be no dual completions within a single group.

I have made my two groupings the way they are because that is the pattern of production which naturally most often occurs. The only pool which has production from both groups is the Shugart Pool.

I do not feel that all pool nomenclature should arbitrarily be changed to show all formations in a Group if it is only being produced from one or two formations of the group. The group number could be added to the name and the formation names or abbreviations shown to indicate the actual formations being produced. The following pool names are examples: Fren I (SR), Artesia II (Q, G, SA), North Square Lake II (Q, SA), North Hackberry I Yates or West Henshaw Grayburg II, Benson Yates I etc.

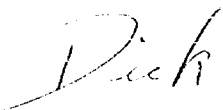
-2-

Dan Nutter

Specifically, as regards Mr. Welch's application to combine the Henshaw (San Andres) Pool and the Henshaw Queen Gas Pool, we can find no reason for not merely adding this to the regular nomenclature case and proceeding accordingly.

Very truly yours,

OIL CONSERVATION COMMISSION

A handwritten signature in cursive script, appearing to read "Dick", is written over the typed name.

R. L. Stamets
Geologist

RLS/jw

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

P. O. DRAWER 22
ARTESIA, NEW MEXICO

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

May 6, 1963

Mr. Dan Nutter
Chief Engineer
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Red Lake, East Red Lake-Queen
West Cave San Andres and Vanda-
griff Keyes Pools

Dear Dan:

As promised, here is the follow up letter to the copy of the June nomenclature advertisement I sent you last week. At the time I made the ad up, I did not have all of my information together but I thought it would be better to go ahead rather than waiting until July.

Enclosed, herewith, please find a copy of a letter and a plat from Southern Union Production Company, a contour map of the top of the Queen Formation, a plat showing the pool limits of the proposed revision and a list of wells involved with certain information included.

The letter and plat from Southern Union Production Company are, I believe, self explanatory.

The contour map shows the following information; first, the attitude of the Queen Formation. Second, the pools involved are shown as follows; pink, West Cave-San Andres; red, Red Lake; blue, East Red Lake-Queen; green, Vandagriff Keyes Gas. The three Red Lake Wells producing from the Queen and Grayburg Formations have their units colored in green. The units colored yellow are those which Southern Union is currently using in their gas storage project. The triangles, orange, brown and orange and brown striped represent respectively, shows of gas, oil, and gas and oil reported in the Queen Formation in the Red Lake Pool. One gas well produces from the Grayburg Formation. It's unit is colored in blue. You will note from the structural position of wells located in the East Red Lake-Queen Pool and the reported shows that the Queen gas is not solely a gas cap. It would seem that the permeability in parts of the Queen are too low for the transmission of crude oil but not so low as to prohibit the accumulation and production of gas. Those wells in Section 5-17-28 shown as temporarily abandoned are former gas producers from the Queen Formation completed in the 1920's. It is interesting to note that a well being completed in the Queen in unit C of Section 4-17-28 has been

-2-

Dan Nutter

tested at 500 MCFD and another well in unit L of Section 4-17-28 has been perforated in the Queen and is awaiting completion. The inference here is that permeability and porosity in the Queen Formation must be low or these new wells located within one location would not be as good as they appear to be.

Finally, the attached list of producing wells shows; first, the approximate daily production, total January oil production total January gas production, calculated GOR, whether or not the GOR would affect the allowable based on a GOR of 2000 to 1 and finally a green circle and a GR indicates that the total volume of gas produced exceeds 2000 time NUA of 36 BOPD.

I feel sure I have not answered all your questions but if you send me a list I'll try.

Please hang onto this information as there is only one copy of some of it.

Very truly yours,

OIL CONSERVATION COMMISSION



R. L. Stamets
Geologist

RLS/jw

NEW MEXICO OIL CONSERVATION COMMISSION

REGULAR HEARINGSANTA FE, NEW MEXICOREGISTERHEARING DATE JUNE 19, 1963 TIME: 9 A.M.

NAME:	REPRESENTING:	LOCATION:
R. L. Denton	Mobil Oil	Midland, Tex
G. D. Shively	Sinclair	Midland, Texas
G. L. Shremaker	Indiana	✓
Jim Fott	El Paso Nat. Gas Products	Farmington, N.M.
W. B. SULLIVAN	✓	EL PASO
R. T. WRIGHT	El Paso Natural Gas	Sal, N.M.
Jimmy Nelson	"	El Paso
A. D. Shiple	"	Sal, N.M.
M. T. Smith	Arginal O & G	Midland
J. F. Weatherman	Texaco Inc	"
R. M. Wiesel	Gulf Oil Corp	Midland, Tex
J. E. Black	Duff Oil Corp	Pittsburgh, Pa
R. F. Mills	✓	Houston
J. G. Coates	✓	✓
E. R. Brooks	The Basin Corp	Houston

NEW MEXICO OIL CONSERVATION COMMISSION

REGULAR HEARING

SANTA FE, NEW MEXICO

REGISTER

HEARING DATE JUNE 19, 1963 TIME: 9 A.M.

NAME:	REPRESENTING:	LOCATION:
Jack Booker	Cities Service Co.	Midland

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 19, 1963

REGULAR HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1192

SANTA FE, N. M.
PHONE 983-1871

ALBUQUERQUE, N. M.
PHONE 243-6691

IN THE MATTER OF:

Southeastern New Mexico Nomenclature case
calling for an order for the creation,
abolishment, and the extension of the
vertical and horizontal limits of certain
pools in Lea, Eddy, and Roosevelt Counties,
New Mexico.

CASE NO.

2832

BEFORE:

Honorable Jack M. Campbell, Governor
E. S. "Johnny" Walker, Land Commissioner
A. L. "Pete" Porter, Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: We will take up next Case 2832.

MR. DURRETT: Case 2832, Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, and the extension of the vertical and horizontal limits of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico.

(Witness sworn.)

DAN NUTTER

called as a witness herein, having been first duly sworn on oath,
was examined and testified as follows:



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FARMINGTON, N. M.
PHONE 325-1182

SANTA FE, N. M.
PHONE 383-3971

ALBUQUERQUE, N. M.
PHONE 243-6691

DIRECT EXAMINATION

BY MR. DURRETT:

Q Will you please state your name and position for the record?

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Mr. Nutter, are you prepared to recommend to the Commission today that it issue an order for the creation, abolishment, and extension of the vertical and horizontal limits of certain pools in Lea, Eddy and Roosevelt Counties, New Mexico?

A Yes, sir, I am.

Q And have your recommendations been prepared in the form of an exhibit?

A Yes.

Q Is that exhibit substantially similar to, or identical to the docket as distributed here today?

A Substantially the same. There are some deviations from the docket, however.

Q Would you please refer to the exhibit, Mr. Nutter, and to the docket, and read into the record any changes that you would recommend?

A I would recommend first that this Estacado-Pennsylvanian Pool be created; this pool was discovered by Union of California State's 117, the NE/4 of Section 17.

The well was completed in the Pennsylvanian on April 16th,



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1963, and the top perforation is 11,478 feet. The vertical limits would be the entire Penn Section.

I recommend the High Plains be created as advertised on the docket. It was discovered by Texas Crude Oil Company and Sinclair Gas Company's State 123 in Unit "M" of Section 23; completed in the Pennsylvanian on April 10th, 1963, with the top of perforation 10,463 feet; vertical limits would be the entire Penn formation.

I recommend the creation of the Hope-Strawn Gas Pool as shown on the docket. This pool was discovered by Sunray-DX Oil Companies, New Mexico State AH Number 1, in Unit "K" of Section 30. It was completed in the Strawn, January 12th, 1963, with the top of perforations at 7,326 feet. The vertical limits would be the Strawn pay of the Penn formation.

I recommend the creation of the North Justis-Glorieta Pool as shown on the docket. It was discovered by Western States Petroleum Company's Carlson B-1 Number 2 in Unit "E" of Section 1. It was completed in the Glorieta on March 13th, 1963, with the top of the perforation at 4,900 feet; the vertical limits would be the Glorieta formation.

I recommend the creation of the Vacuum-Pennsylvanian Pool as shown on the docket; it was discovered by Socony-Mobil Oil Company's State-Bridges Number 96, in Unit "H" of Section 26. It was completed in the Penn on March 3rd, 1963, with the top of the perforations at 11,372 feet; vertical limits would be the entire Penn formation.



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I recommend the creation of the West Milnesand-San Andres Pool in Roosevelt County, as shown on the docket. This pool was discovered by Cactus Drilling Company's Bolles Number 1 in Unit "H" of Section 20; completed in the San Andres formation on April 22nd, 1963. Top of the perforations was 4,554 feet; vertical limits would be the San Andres formation.

Now, I would recommend that the abolishments and extensions be as shown on the docket, with the exception of Paragraph "p", and in addition to the acreage that's shown for extensions on the docket, I would also recommend that lots 1 and 2 of Section 5, and the NE/4 of Section 9, Township 21 South, Range 36 East, be added.

Q Is that the Oil Center-Blinebry Pool?

A Oil Center-Blinebry Pool.

Q Paragraph "p" on the exhibit, is that correct?

A That's paragraph "p" of the exhibit and the docket.

Now, we come to the Red Lake Pool, which is Paragraph "q".

We recognize that there is a problem in the Red Lake area, which the extensions that I'm going to recommend will not solve entirely. However, there are three wells that must be taken care of at this time, and made legal, probably by some other solution that can be worked out for this area in the future, but for the time being, I would recommend the vertical limits of the Red Lake Pool, which now comprise the Grayburg and San Andres formations, be extended to include the Queen formation in 340-acre tracts. That would be Unit "H" of Section 9, Unit "E" of Section 14, and Unit "E" of



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Section 15, all in Township 17 South, Range 28 East. There are wells on these 340-acre tracts which are completed in the Queen-Grayburg and San Andres formations. Now, we also would recommend that the horizontal limits of the pool be extended to include all of the NE/4 of Section 16, Township 17 South, Range 28 East, which is as shown on the docket, with the addition of another 80-acre tract. I believe that further study will be given to this area, and that we will probably have another recommendation in the future for it.

Now, I recommend that Paragraph "r", the extension of the Vacuum-Abo Reef Pool, be as shown on the docket; and also in Township 18 South, Range 34 East, that the NW/4 of the SW/4 of Section 12-18-34, be added, and that in Township 18 South, Range 35 East, the SE/4 of the NE/4 of Section 6 be added.

In all other respects, I recommend that the extensions to the pools be as shown on the docket, and as on the exhibit, and the docket is identical to the exhibits in these other paragraphs.

Q Thank you, Mr. Nutter. Do you have anything further you would like to add at this time?

A No, sir.

Q Was Exhibit Number 1 prepared by you, or under your direct supervision?

A Yes, it was.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit 1 at this time, and that concludes my examination



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PHONE 243-6691

of Mr. Nutter.

MR. PORTER: Without objection, the exhibit will be admitted.

Mr. Nutter, in regard to the paragraph on the Red Lake Pool, I believe you testified that you feel sure that it may be necessary to further modify this proposal--

A Yes, sir.

MR. PORTER: --at some later time?

A Yes, sir. It seems there are several solutions to the problem that exists there, but every solution I have come across so far creates some more problems, and we are still looking for a solution that doesn't create too big a problem.

MR. PORTER: And you intend to work with Mr. Stamets, the geologist in Eddy County, to determine whether or not this is the best solution, or whether some other solution would be better?

A Yes, sir.

MR. PORTER: Any other questions--

A But for the time being, I would just like to say these three wells are made legal that are in there, and we would order those three wells squeezed off in these, in the Queen formation, but that might not be the best solution either.

Q (By Mr. Durrett) That would result in considerable expense to the operators--

A And might mean a loss of hydrocarbons.

MR. PORTER: And might mean a loss of further recovery?



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PHONE 243-6891

A Yes.

MR. PORTER: If there are no further questions -- anyone have anything to offer in this case, anything further before the Commission --

The case will be taken under advisement.

The hearing is adjourned.

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

I, MARIANNA MEIER, 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 11th day of July, 1963.

Marianne Meier
Notary Public-Court Reporter.

My Commission Expires:

April 8, 1964.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. *14*
Held by me on *July 11, 1963*
Examiner
New Mexico Oil Conservation Commission



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
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SANTA FE, N. M.
PHONE 983-3971

ALBUQUERQUE, N. M.
PHONE 243-6691

INDEX

WITNESS

PAGE

DAN NUTTER

2

Direct Examination by Mr. Durrett

EXHIBITS

NUMBER

MARKED
FOR IDENTIFICATION

OFFERED

ADMITTED

Exhibit "1"

3

6

7



SOUTHERN UNION PRODUCTION COMPANY

FIDELITY UNION TOWER

DALLAS 1, TEXAS

March 27, 1963

A. M. WIEDERKAMP
VICE-PRESIDENT

RECEIVED

MAR 29 1963

D. C. C.
ARTESIA, OFFICE

New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico

Attention: Mr. R. L. Stamets

Gentlemen:

I have your letter of March 26, 1963, requesting information on the Vandagriff Kayes gas storage operations of Southern Union Gas Company.

We have discontinued storing gas in the Vandagriff wells located in Section 5, T-16S, R-28E, but are still utilizing wells circled in red on the enclosed plat as part of our Kayes project. Acreage colored in yellow is owned by Southern Union and Southern Union has acquired the gas rights under all of the acreage colored in blue.

These old wells were drilled in the 1920's and 1930's, and we have no information in our files except for total depth and amounts of casing. If this will be of any benefit, please advise and we will tabulate the information for you.

If, after receiving this information, you have further questions, please feel free to call me collect at Riverside 8-8511, Dallas, Texas.

Yours very truly,

SOUTHERN UNION PRODUCTION COMPANY



AMW:c

Enclosures

B28 E

[illegible]

WOMENCLATURE ADVERTISEMENT FOR JUNE, 1963
CASE 2832

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, Lea, and Roosevelt Counties, New Mexico, the abolishment of certain existing pools in Eddy and Lea Counties, New Mexico, and the extension of vertical limits to a certain existing pool in Eddy County, New Mexico, and extensions of certain existing pools in Eddy and Lea 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, abolishments, extension of vertical limits, and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Estacado-Pennsylvanian Pool, and described as:

TOWNSHIP 14 SOUTH, RANGE 35 EAST, NMPM
SECTION 17: NE/4

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the High Plains-Pennsylvanian Pool, and described as:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production, designated as the Hope-Strawn Gas Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM
SECTION 20: All

d) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Glorieta production, designated as the North Justice-Glorieta Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: NW/4

e) CREATE A new pool in Roosevelt County, New Mexico, classified as an oil pool for San Andres production, designated as the West Milnesand-San Andres Pool, and described as:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 20: NE/4

f) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Vacuum-Pennsylvanian Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 26: NE/4

g) ~~ABOLISH~~ the West Cave-San Andres Pool in Eddy County, New Mexico, described as:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 12: SE/4

h) ~~ABOLISH~~ the Loco Hills-Queen Pool in Eddy County, New Mexico, described as:

-2- June, 1953, Nomenclature

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 29: SW/4
SECTION 32: NW/4

i) ABOLISH the West Pearl-Queen Pool in Lea County, New Mexico, described as:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 28: SW/4
SECTION 36: W/2

j) ABOLISH the East Red Lake-Queen Pool in Eddy County, New Mexico, described as:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
SECTION 34: All
SECTION 35: All
SECTION 36: S/2

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: NW/4 SW/4

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 1: NW/4
SECTION 2: N/2 and SE/4
SECTION 3: W/2
SECTION 11: NE/4 and N/2 SE/4
SECTION 12: W/2 and W/2 NE/4

k) ABOLISH the Vandagriff Keyes-Queen Gas Pool in Eddy County, New Mexico, described as:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
SECTION 35: E/2

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 2: SW/4
SECTION 3: S/2
SECTION 4: All
SECTION 5: All
SECTION 8: NE/4
SECTION 9: All
SECTION 10: All

l) EXTEND the vertical limits of the Loco Hills-Grayburg-San Andres Pool in Eddy County, New Mexico, to include the Queen formation.

m) EXTEND the North Bagley-Malfump Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: SW/4

n) EXTEND the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 28: S/2 SE/4

-3- June, 1968, Nomenclature

- o) EXTEND the Jackson-Abs Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 22: NW/4 SE/4

- p) EXTEND the Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 23: NE/4
SECTION 24: W/2
SECTION 25: NW/4

- q) EXTEND the Lusk-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 30: NW/4

- r) EXTEND the East Millman-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: NW/4

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
SECTION 5: NW/4
SECTION 7: NW/4 and N/2 SW/4

- s) EXTEND the East Millman-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 22: SE/4 NE/4 and N/2 NE/4
SECTION 23: NW/4

- t) EXTEND the Oil Center-Blinbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
SECTION 4: Lots 2 and 7

- u) EXTEND the South Paddock Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: NE/4

- v) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4
SECTION 36: W/2

- w) EXTEND the Red Lake Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 28 EAST, NMPM
SECTION 33: E/2
SECTION 34: All
SECTION 35: All
SECTION 36: S/2

-4- June, 1968, Nomenclature

TOWNSHIP 16 SOUTH, RANGE 29 EAST, N44W
SECTION 31: NW/4 SW/4

TOWNSHIP 17 SOUTH, RANGE 28 EAST, N44W
SECTION 1: NW/4
SECTION 2: All
SECTION 3: All
SECTION 4: All
SECTION 5: E/2
SECTION 6: NE/4
SECTION 9: NW/4 and W/2 E/2
SECTION 10: W/2, SE/4 and N/2 SW/4
SECTION 11: All
SECTION 12: All
SECTION 16: NE/4

x) EXTEND the Vacuum-Abs Reef Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, N44W
SECTION 26: NW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, N44W
SECTION 17: E/2 NE/4

y) EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, N44W
SECTION 20: W/2
SECTION 29: W/2 and SE/4

SFOOL Don Nutter, Red Lake Pool, District II
 advertisement. We will get together later to
 check the facts.

DISTRICT II
 OIL CONSERVATION COMMISSION

NOMENCLATURE ADVERTISEMENT FOR JUNE 1963

C - Creation
 A - Abolishment
 EX - Extension
 D - Deletion

COUNTY	POOL NAME	DESCRIPTION	CAUSE
Eddy ✓ A	West Cave-San Andres	T17S-R2SE Sec.12: SE/4	To be consolidated with the Red Lake Pool.
Eddy A	Loce Hills - Queen	T17S-R30E Sec. 29: SW/4 Sec. 32: NW/4	Lies within Loce Hills Pool. Vertical limits of Loce Hills Pool to be extended to in- clude Queen formation.
Eddy ✓ A	East Red Lake- Queen	T16S-R2SE Sec.34: & 35: All Sec.36: S/2 T16S-R29E Sec.31: NW/4 SW/4 T17S-R2SE Sec.1: NW/4 Sec.2: N/2 & SE/4 Sec.3: E/2 Sec.11: NE/4 & N/2 SE/4 Sec.12: W/2 & W/2 NE/4	To be consolidated with the Red Lake Pool.
Eddy ✓ A	Vandagriff Hayes Queen Gas	T16S-R2SE Sec.33: E/2 T17S-R2SE Sec.2: SW/4 Sec.3: S/2 Sec.4 & 5: All Sec.8: NE/4 Sec.9 & 10: All	To be consolidated with the Red Lake Pool.
Eddy EX	North Benson- Queen-Grayburg	T18S-R30E Sec.28: S/2 SE/4	Texaco, Inc., L.R.Manning #3 P, 28-18-30.
Eddy EX	Jackson-Abo	T17S-R30E Sec.22: NW/4 SE/4	R.G.Hanagen, Graridge Fed., #1 J, 22-17-30.
Eddy EX	Loce Hills (G-SA)	No change	Extend vertical limits to include the Queen form- ation. To take in Loce Hills Queen Pool and C.A.P. Drilling Co., Aston Fed. #1 I, 7-18-30, a Queen Oil Well.
Eddy EX	East Millman-Queen Grayburg	T19S-R2SE Sec.24: NW/4 T19S-R29E Sec.6: SW/4 Sec.7: NW/4 & N/2 SW/4.	R.D.Collier, State A, #1 P, 24-19-28. Ralph Nix & Jerry Curtis Nix State A, #1 R, 6-19-29.

**244y Ex East Hillman-
Seven Rivers**

**T198-R28E
Sec.22:SE/4 NE/4
& N/2 NE/4
Sec.23: NW/4**

**International-Yates
Malco State, #4 D, 23-19-28**

244y Ex Red Lake ✓

**T168-R28E
Sec.33:E/2
Sec.34 & 35:All
Sec.36:E/2**

**T168-R29E
Sec.31:NW/4 SW/4**

**T178-R28E
Sec.1:NW/4
Sec.2,3 & 4:All
Sec.5: E/2
Sec.8:NE/4
Sec.9:NW/4 &
N/2 E/2
Sec.10:E/2,SE/4
& N/2 SW/4
Sec.11 & 12:All
Sec.16: NE/4**

To extend the vertical limits of the Red Lake Pool to include the Queen formations as a result of the completion of the E.A. Hanson and Harold Kersey, N & K Federal, #1 E, 14-17-28 The W. Gordon Phillips, Koyes State No. 2 E, 9-17-28, and the S.P. Yates, State F, #3 E, 15-17-28, in the Queen and Grayburg formations. And, to consolidate the Red Lake, East Red Lake Quota, West Cave San Andres and Vandegriff Koyes, Queen Gas Pools being pools producing from the same formations. Further, three undesignated wells completed in the area proposed for extension; Kersey & Company, ASU, #2 D, 11-17-28, Kincaid & Watson Drilling Co., Larson State #1 E, 14-17-28 and Kincaid & Watson Drilling Co., Southern Union State, #3 O, 14-16-28. Three gas wells

**244y Ex White City
Pennsylvanian
Gas**

**T248-R26E
Sec.20: N/2
Sec.29:N/2 & SE/4**

so that the Pool limits will conform with proration units.

*If there
is something this we
wrong with this we
still have time to
drop it or change it.
Letter to follow in about a
week.*

County El Paso Pool P Pool P VANDERBILT

TOWN Pool P Pool P NEW MEXICO PRINCIPAL NEW MEXICO PRINCIPAL

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

11

REFERENCE SHEET FOR UNDESIGNATED WELLS

103 JAN 10 AM 11

Pool Name _____

Date June 17, 1963 (Eddy) (~~Chaves~~) County (~~Oil~~) (Gas)

Lease Federal Well No. 2 Unit G Sec. 3 T 17 R 28

Footage Location 1650 N-1650 E Formation Queen & Grayburg

Perforated Interval 1442-48, 1474-78, 1782-86, 1973-83

Open Hole Interval —

Completion date 3-20-63 I.P. 200 MCF/D

Creation _____ Extension Vertical Limits

C-123 requested _____ C-123 Filed _____

Nomenclature requested on C-123 _____

Advertised for _____ Hearing _____

Operator Kersey & Donahue

Address Box 316 P. Tesia, N.M.

Remarks _____

1933 JUL 10 AM 11

REFERENCE SHEET FOR UNDESIGNATED WELLS

1933 JUL 10 AM 11

Pool Name _____

Date 11-22-61 (Eddy) ~~(Chaves)~~ County (Oil) (Gas)

Lease Southern Union Fed Well No. 3 Unit 0 Sec. 34 T. 16 R. 25

Footage Location 6605 1980 E Formation Grayburg

Perforated Interval 1742-60

Open Hole Interval _____

Completion date 8-3-61 I.P. 3,360 MCFD est

Creation _____ Extension _____

C-123 requested _____ C-123 Filed _____

Nomenclature requested on C-123 _____

Advertised for _____ Hearing _____

Operator Kincaid & Watson Drilling Co.

Address Box 498 Artesia

Remarks _____

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico

Oil Conservation Commission

1963 JUN 13 AM 11 20



LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

P. O. DRAWER DD
ARTESIA, NEW MEXICO
June 12, 1963

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

Mr. A. L. Porter, Jr.
Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Nomenclature Case No. 2832,
paragraph (q).

Dear Pete:

Doubting that I will be at the regular Commission Hearing June 19, I will now take this opportunity to register my objections to the adoption of paragraph (q), Case 2832 as advertised. The need for the revision proposed therein, arose when an operator in the Red Lake, G-SA Pool filed a completion with both the Queen and Grayburg formations open. The operator requested an extension of the vertical limits of the Red Lake Pool to include the Queen formation. During my studies of this proposition, I found two additional Red Lake Pool wells already completed in the Queen and Grayburg formations. Further, one other operator informed me that if the vertical limits of the Pool were extended, he would complete the Queen section in his well and another operator now has a marginal Queen well nearing completion on the same unit with a Grayburg well. The Grayburg and San Andres formations in the Red Lake Pool produce predominately oil, while the Queen wells could most often be classed as "marginal gas", though some oil wells do occur. Years ago when most of these Red Lake wells were drilled, there was no market for the gas so no attempt to complete the Queen gas zones was made. Now there are several gasoline plants here which take all the good gas they can get.

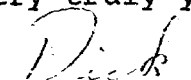
In my original proposal for revision of the nomenclature in this case, I suggested that the vertical limits of the Red Lake

Pool be extended to include the Queen formation and the consolidation of the new Red Lake-Q-G-SA Pool, East Red Lake Queen Pool, Vandagriff Keyes-Queen Gas Pool and the West Cave-San Andres Pool; these pools being contiguous and having the same producing formations. Dan didn't like my proposal, especially the consolidation and we discussed this when I was in Santa Fe and I agreed that the consolidation was not a necessity. I continued, however, to maintain that the Queen formation should be added to the Red Lake Pool. The advertisement which has actually appeared in this case is to extend the vertical limits of the Red Lake Pool to include the Queen formation under the three 40 acre tracts which precipitated this whole affair only, and this is what I take exception to and object to. My objections stem from the following reasons: the proposal discriminates against other operators in the Red Lake Pool in not allowing them the same privilege of well bore commingling as their neighbors; it does not seem generally consistent with Commission policies to establish small islands in pools where nomenclature varies from the standard; and finally the confusion which would reign in trying to work out future nomenclature in the area of the Red Lake Pool. We would not know whether to propose new pools for Queen wells or propose extensions to the Red Lake Pools vertical limits 40 acres at a time or whether or not a well completed in the Queen should receive allowable as a wildcat well or be required to remain shut in until its individual case had been worked out. In short, I feel, with all due respect, that if the proposal were to be adopted as advertised, the result would be a mess.

What can be done in the alternative? My original proposal was and still is to extend the vertical limits of the Red Lake Pool to include the Queen formation in total. However, if it is decided that this is a bad, wasteful, ill-advised, onery, pitiful suggestion, then I feel that it would be more appropriate to force the operators of the three wells now open in the Queen to plug off the wells in that zone rather than discriminate against the majority of operators in the Pool.

If you need any more information on this matter, please let me know.

Very truly yours,


R. L. Stamets

RLS/uh

CASE 2832:

Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, and the extension of the vertical and horizontal limits of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico.

(a) Create a new oil pool for Pennsylvanian production, designated as the Estacado-Pennsylvanian Pool, and described as:

Township 14 South, Range 35 East, NMPM
Section 17: NE/4

(b) Create a new oil pool for Pennsylvanian production, designated as the High Plains-Pennsylvanian Pool, and described as:

Township 14 South, Range 34 East, NMPM
Section 23: SW/4

(c) Create a new gas pool for Strawn production, designated as the Hope-Strawn Gas Pool, and described as:

Township 18 South, Range 23 East, NMPM
Section 30: All

(d) Create a new oil pool for Glorieta production, designated as the North Justis-Glorieta Pool, and described as:

Township 25 South, Range 37 East, NMPM
Section 1: NW/4

1001, give not side with the oil to nois... (1)

- (h) Extend the Pearl-Queen Pool, to include therein:

Township 19 South, Range 34 East, NMPM

Section 25: SW/4

Section 36: W/2

- (i) Extend the North Bagley-Wolfcamp Pool, to include therein:

Township 11 South, Range 33 East, NMPM

Section 23: SW/4

- (j) Extend the North Benson Queen-Grayburg Pool, to include therein:

Township 18 South, Range 30 East, NMPM

Section 28: S/2 SE/4

- (k) Extend the Jackson-Abo Pool to include therein:

Township 17 South, Range 30 East, NMPM

Section 22: NW/4 SE/4

- (l) Extend the Lane-Pennsylvanian Pool, to include therein:

Township 9 South, Range 33 East, NMPM

Section 23: NE/4

Section 24: W/2

Section 25: NW/4

CASE 2832:

Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, and the extension of the vertical and horizontal limits of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico.

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Township 14 South, Range 34 East, NMPM
Section 23: SW/4

(c) Create a new gas pool for Strawn production, designated as the Hope-Strawn Gas Pool, and described as:

Township 18 South, Range 23 East, NMPM
Section 30: All

(d) Create a new oil pool for Glorieta production, designated as the North Justis-Glorieta Pool, and described as:

Township 25 South, Range 37 East, NMPM
Section 1: NW/4

- (e) Create a new oil pool for Pennsylvanian production, designated as the Vacuum-Pennsylvanian Pool and described as:

Township 17 South, Range 34 East, NMPM
Section 26: NE/4

- (f) Create a new oil pool for San Andres production, designated as the West Milnesand-San Andres Pool, and described as:

Township 8 South, Range 34 East, NMPM
Section 20: NE/4

- (g) Abolish the West Pearl-Queen Pool, described as:

Township 19 South, Range 34 East, NMPM
Section 25: SW/4
Section 36: W/2

- (h) Extend the Pearl-Queen Pool, to include therein:

Township 19 South, Range 34 East, NMPM
Section 25: SW/4
Section 36: W/2

- (i) Extend the North Bagley-Wolfcamp Pool, to include therein:

Township 11 South, Range 33 East, NMPM
Section 23: SW/4

- (j) Extend the North Benson Queen-Grayburg Pool, to include therein:

Township 18 South, Range 30 East, NMPM
Section 28: S/2 SE/4

- (k) Extend the Jackson-Abo Pool to include therein:

Township 17 South, Range 30 East, NMPM
Section 22: NW/4 SE/4

- (l) Extend the Lane-Pennsylvanian Pool, to include therein:

Township 9 South, Range 33 East, NMPM
Section 23: NE/4
Section 24: W/2
Section 25: NW/4

- (m) Extend the Lusk-Strawn Pool, to include therein:

Township 19 South, Range 32 East, NMPM
Section 30: NW/4

- (n) Extend the East Millman Queen-Grayburg Pool, to include therein:

Township 19 South, Range 28 East, NMPM
Section 24: NW/4

Township 19 South, Range 29 East, NMPM

Section 6: SW/4

Section 7: NW/4 and N/2 SW/4

- (o) Extend the East Millman-Seven Rivers Pool, to include therein:

Township 19 South, Range 28 East, NMPM

Section 22: SE/4 NE/4 and N/2 NE/4

Section 23: NW/4

- (p) Extend the Oil Center-Blinebry Pool, to include therein;

Township 21 South, Range 36 East, NMPM

Section 4: Lots 2 and 7

ADDITIONS:

SECTION 5: Lots 1 and 2

SECTION 9: NE/4

- (q) Extend the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, to include the Queen formation underlying Unit H of Section 9, Unit E of Section 14, and Unit E of Section 15 only, all in Township 17 South, Range 28 East. Further to extend the horizontal limits of said pool to include therein:

Township 17 South, Range 28 East, NMPM

Section 16: W/2 NE/4

ADDITION: SECTION 16: E/2 NE/4

- (r) Extend the Vacuum-Abo Reef Pool, to include therein:

Township 17 South, Range 35 East, NMPM

Section 26: NW/4

Township 18 South, Range 34 East, NMPM

Section 12: N/2 NE/4

ADDITION: Section 12: NW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

ADDITION: SECTION 6: SE/4 NE/4

- (s) Extend the White City-Pennsylvanian Gas Pool, to include:

Township 24 South, Range 26 East NMPM

Section 20: W/2

Section 29: W/2 and SE/4

iqg/

(2) Consideration of the allowable production of gas for July, 1963, from ten prorated pools in Lea and Eddy 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, 1963, also presentation of purchasers' nominations for the six-month period beginning August 1, 1963 for that area.

CASE 2811:

ALLOWABLE:

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

- (h) Extend the Pearl-Queen Pool, to include therein:

Township 19 South, Range 34 East, NMPM

Section 25: SW/4

Section 36: W/2

- (i) Extend the North Bagley-Wolfcamp Pool, to include therein:

Township 11 South, Range 33 East, NMPM

Section 23: SW/4

- (j) Extend the North Benson Queen-Grayburg Pool, to include therein:

Township 18 South, Range 30 East, NMPM

Section 28: S/2 SE/4

- (k) Extend the Jackson-Abo Pool to include therein:

Township 17 South, Range 30 East, NMPM

Section 22: NW/4 SE/4

- (l) Extend the Lane-Pennsylvanian Pool, to include therein:

Township 9 South, Range 33 East, NMPM

Section 23: NE/4

Section 24: W/2

Section 25: NW/4

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

ALLOWABLE:

- (2) Consideration of the allowable production of gas for July, 1963, from ten prorated pools in Lea and Eddy 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, 1963, also presentation of purchasers' nominations for the six-month period beginning August 1, 1963 for that area.

CASE 2811:

In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of Rule 402 of the Commission Rules and Regulations to require shut-in pressure tests of natural gas wells annually only rather than semi-annually as now required. Further, to provide a procedure whereby the Secretary-Director of the Commission, by administrative order could require specific procedures for testing in certain pools.

CASE 2832:

Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, and the extension of the vertical and horizontal limits of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico.

- (a) Create a new oil pool for Pennsylvanian production, designated as the Estacado-Pennsylvanian Pool, and described as:

Township 14 South, Range 35 East, NMPM
Section 17: NE/4

- (b) Create a new oil pool for Pennsylvanian production, designated as the High Plains-Pennsylvanian Pool, and described as:

Township 14 South, Range 34 East, NMPM
Section 23: SW/4

- (c) Create a new gas pool for Strawn production, designated as the Hope-Strawn Gas Pool, and described as:

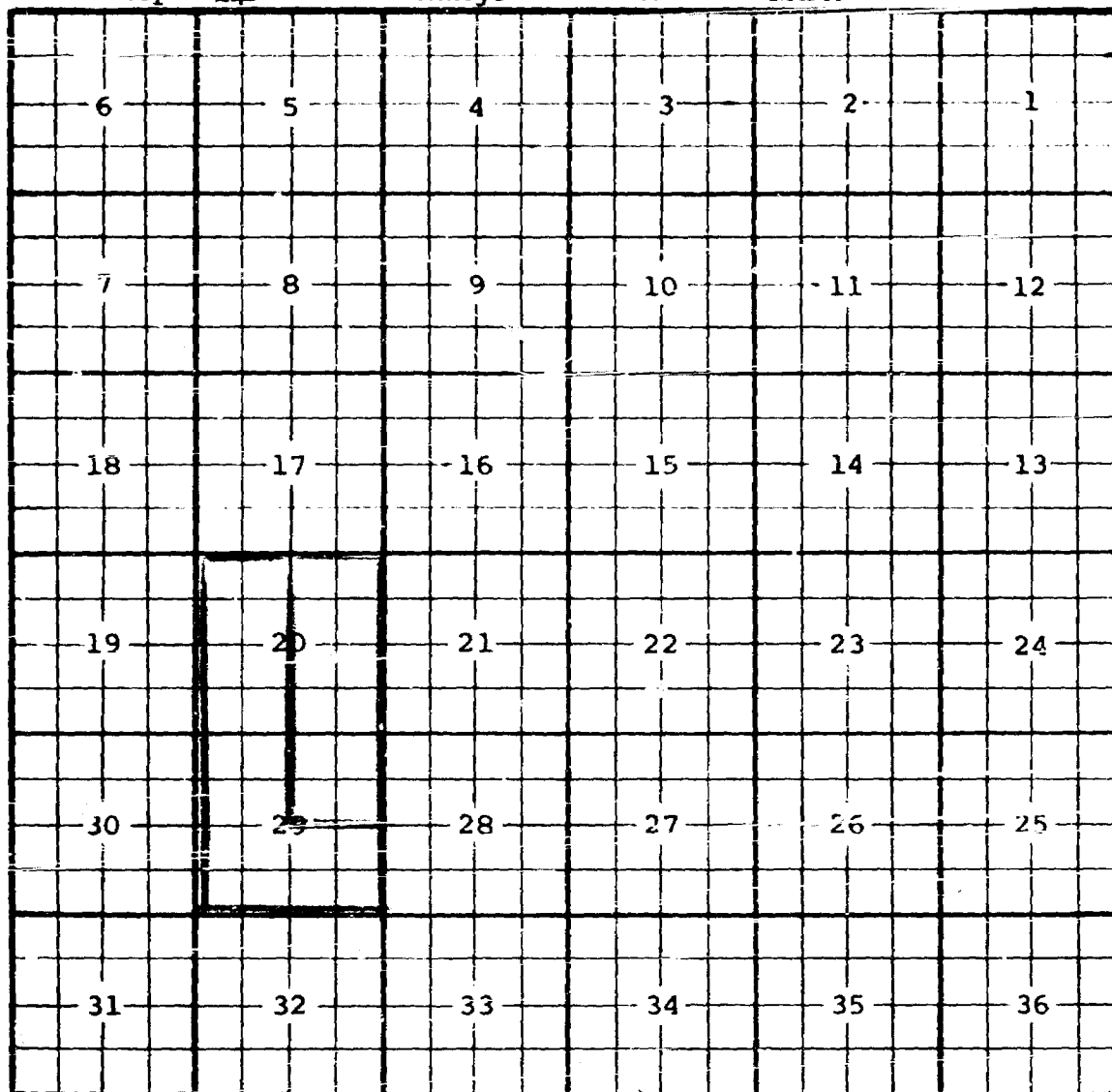
Township 18 South, Range 23 East, NMPM
Section 30: All

- (d) Create a new oil pool for Glorieta production, designated as the North Justis-Glorieta Pool, and described as:

Township 25 South, Range 37 East, NMPM
Section 1: NW/4

CASE 2832: (a) EXTENSION OF AN EXISTING GAS POOL

County Eddy Pool White-City--Pennsylvanian Gas
 Tounship 24S Range 26E NMPM



Purpose: To extend the pool limits to conform with the proration units.

Pool boundary colored in red.

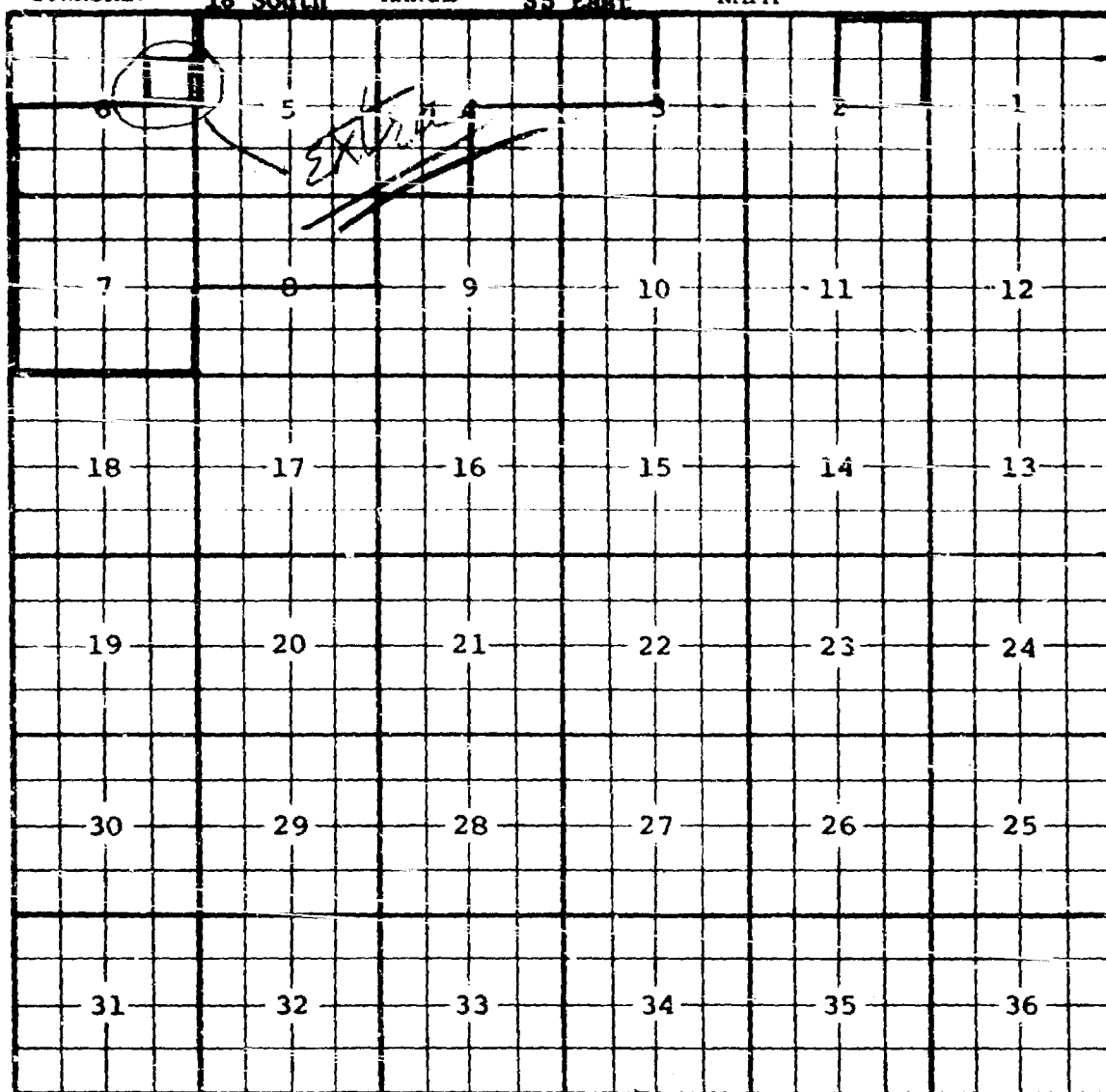
Proposed extensions colored in green. Section 20: W/2

Section 29: W/2 & SE/4

CASE 2832: (r) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL VACUUM-ABO REEF

TOWNSHIP 18 South RANGE 35 East NMPM



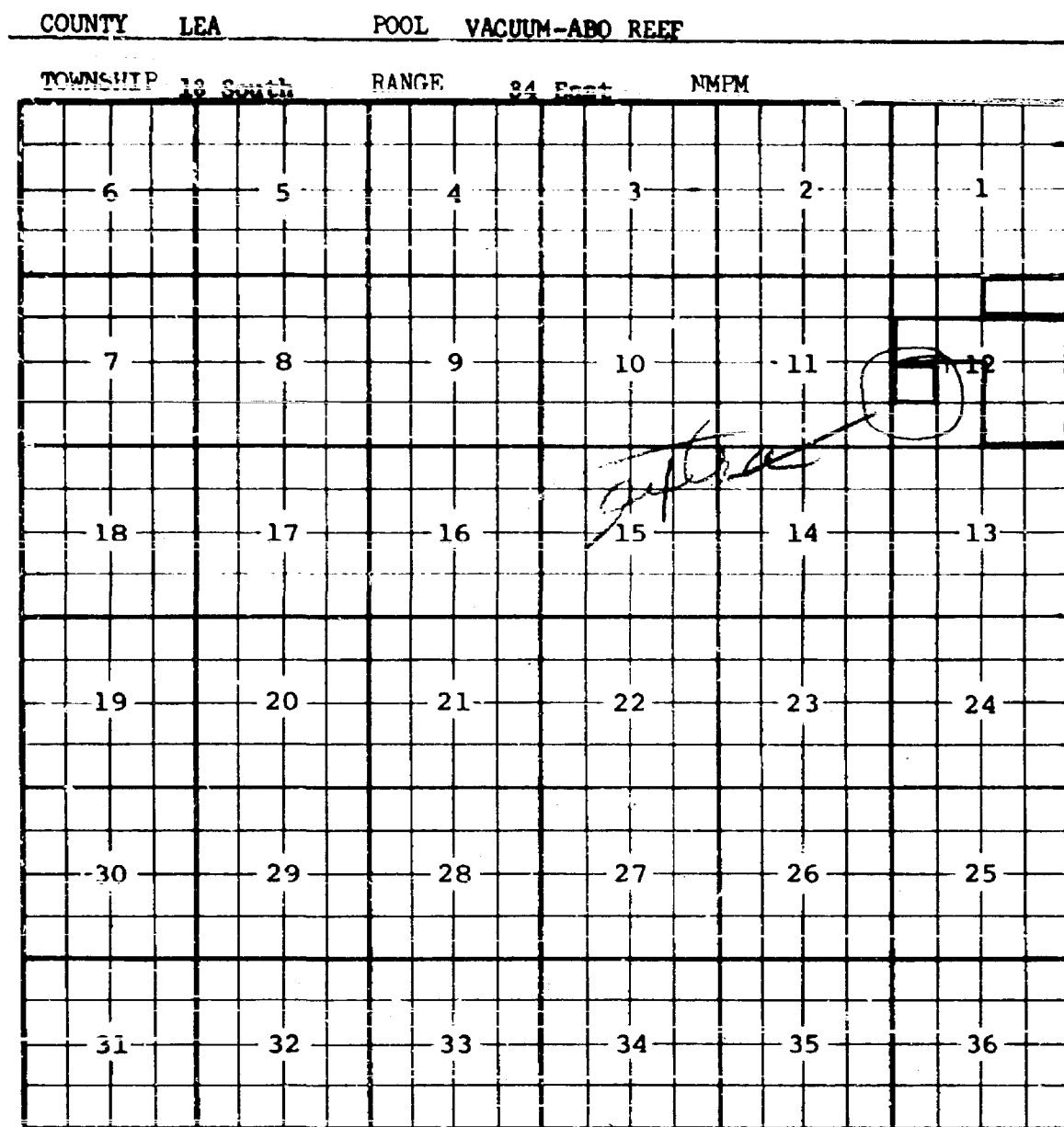
PURPOSE: As stated on preceding page, paragraph (r), Exhibit I.

ADDITION--TEXACO, INC. - State of New Mexico "R" NCT-1 #6 in Unit H of
Section 6-18-35. Completed in Abo on May 1, 1963. Top of
Perforations 8554'.

Pool boundary colored in red.

Proposed pool extension colored in green. ADDITION-----SECTION 6: SE/4 NE/4

CASE 2832: (r) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)



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

HUMBLE OIL & REFINING COMPANY - New Mexico State BO #7 in Unit A of Section 12-18-34. Completed in Abo on April 17, 1963. Top of Perforations 8343'.

ADDITION--HUMBLE OIL & REFINING COMPANY - New Mexico State BO #8 in Unit B of Section 12-18-34. Completed in Abo on May 22, 1963. Top of Perforations 8453'.

ADDITION--TEXACO, INC. - State of New Mexico "AE" #6 in Unit L of Section 12-18-34. Completed in Abo on April 23, 1963. Top of Perforations 8701'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 12: N/2 NE/4

ADDITION: SECTION 12: NW/4 SW/4

CASE 2832: (r) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA

POOL VACUUM-ABO REEF

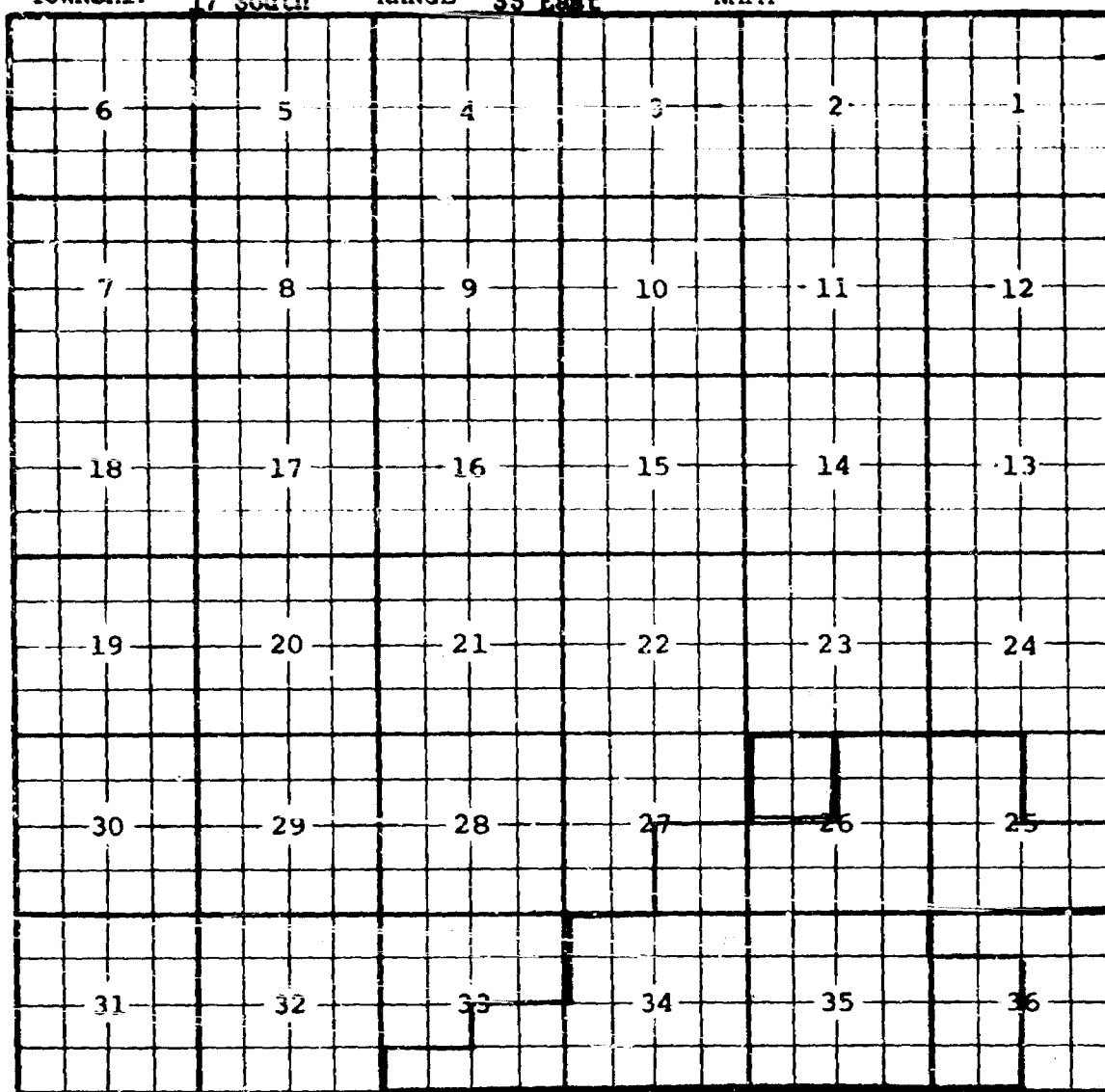
TOWNSHIP

17 South

RANGE

35 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

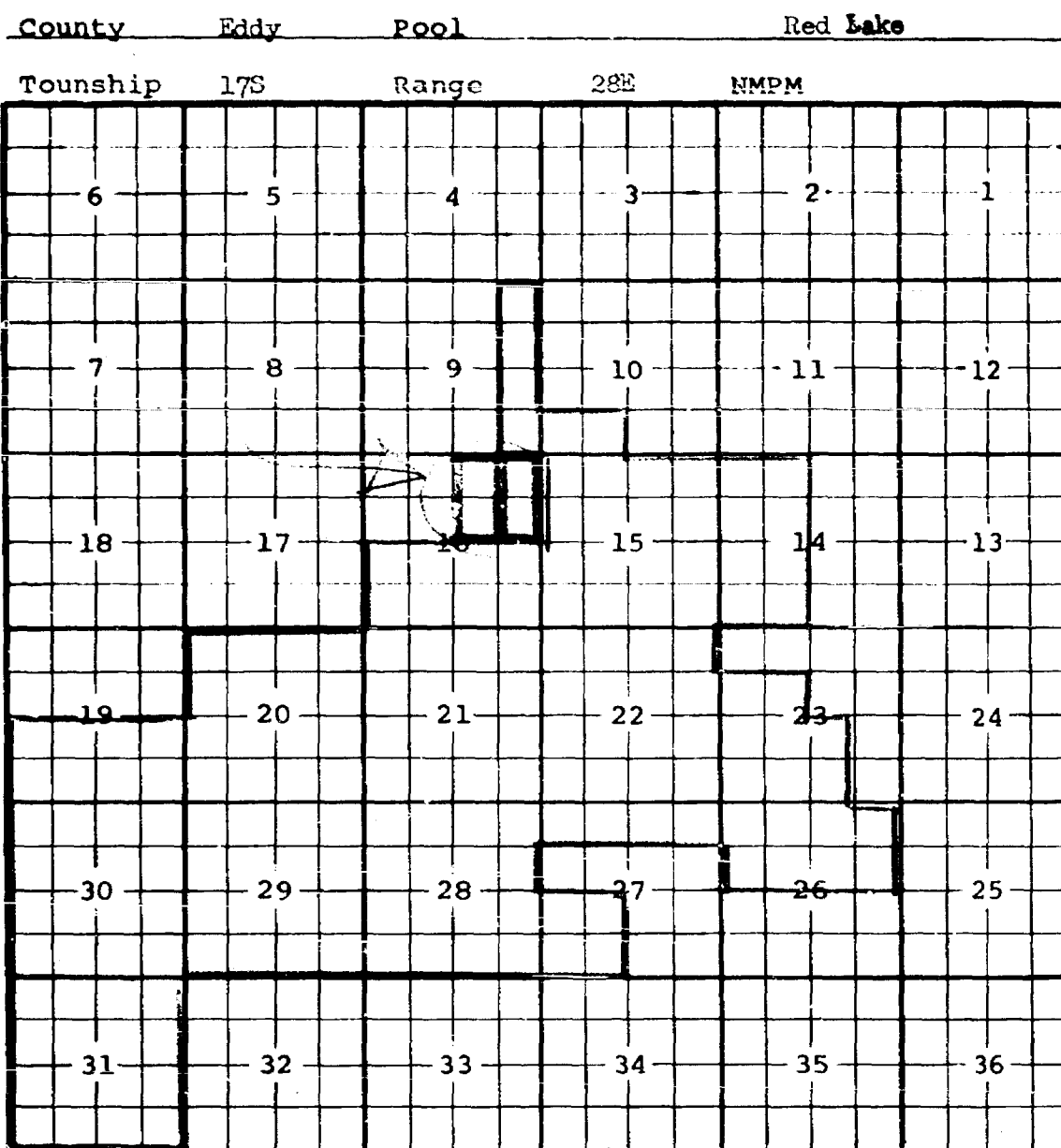
PHILLIPS PETROLEUM COMPANY - Santa Fe #76 in Unit F of Section 26-17-35.

Completed in Abo on April 4, 1963. Top of Perforations 8612'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 26: NW/4

CASE 2832: (q) EXTENSION OF VERTICAL AND HORIZONTAL LIMITS OF AN EXISTING OIL POOL



Purpose: To extend the vertical limits of the Red Lake (G-SA) Pool to include the Queen Formation underlying unit-H of Section 9 and units E of Section 14 and 15 and one completed gas well capable of producing. Old wells completed in Queen & Grayburg Formations.

N. Gordon Phillips-Keyes St. Well No. 2 in unit H of Section 9-17-28.

Completed September 1938 in openhole 1223' to 1724'. Top of Queen approx. 1145'.

Harold Kersey & E. A. Hanson-H & K Fed. Well No. 1 in unit E of Section 14-17-28.

Completed 1-15-63 thru perforations 1674-88, 2020-24, & 2020-34. Top of Queen approx. 1464'.

S. P. Yates-St. F Well No. 3 in unit E of Section 15-17-28. Completed 5-24-59 thru perforations 1434-44 & 1912-26. Top of Queen approx. 1196'.

Kincaid & Watson Drlg. Co.-Larson St. Well No. 1 in unit H of Sec. 16-17-28.

Completed in Grayburg February 22, 1959. Top of perforations 1899'. A Gas well.

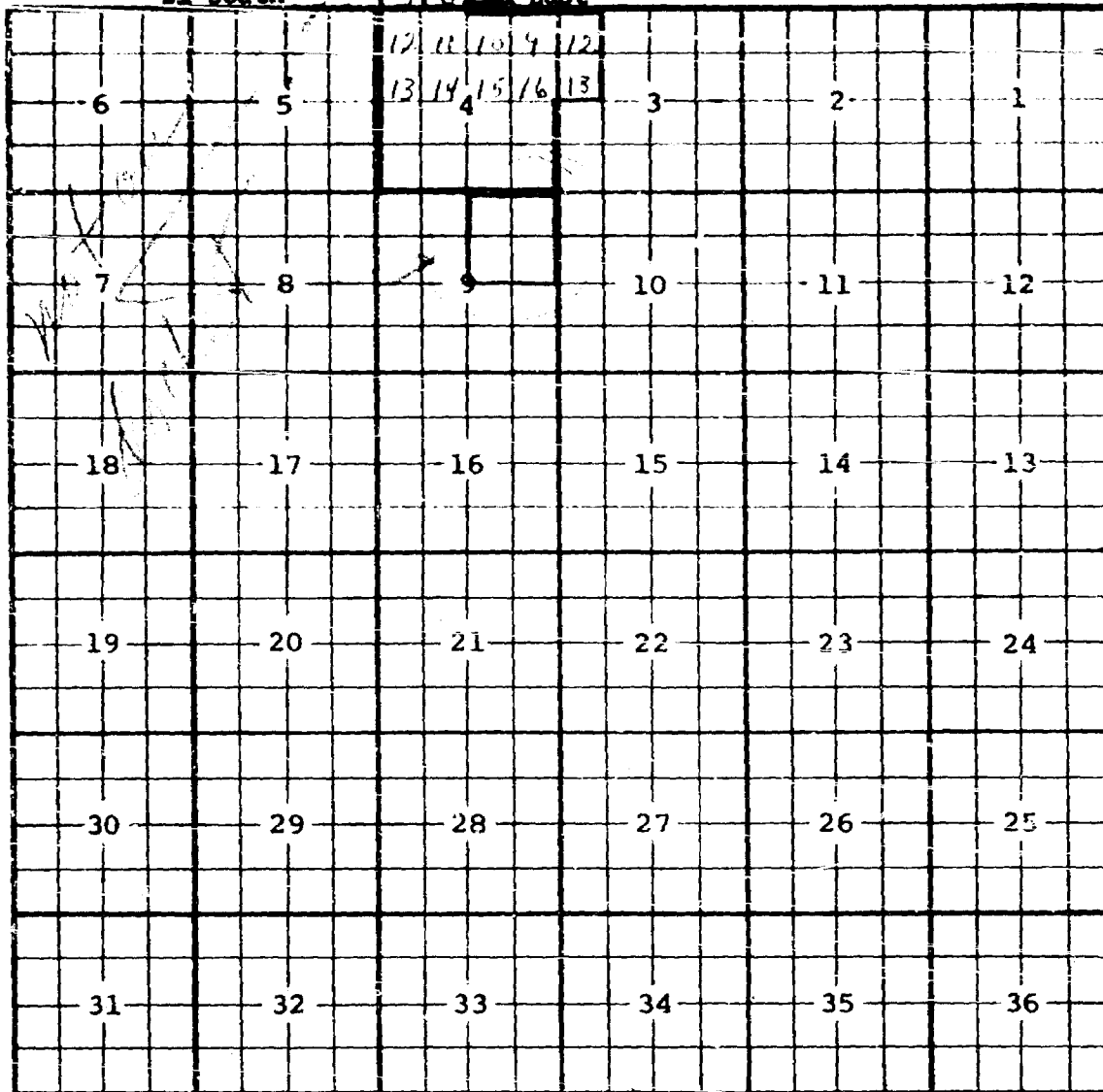
Pool boundary's colored in red.

Proposed extensions colored in green. Section 16: W/2 NE/4
Addition Section 16: E/2 NE/4

CASE 2832: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL OIL CENTER-BLINEBRY

TOWNSHIP 21 South RANGE 3 East NMFM



PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - Meyer B-4 #20 in Unit G of Section 4-21-36.

Completed in Blinebry on July 1, 1962. Top of Perforations 5900'.

ADDITION--GULF OIL CORPORATION - Heasley State #8 in Unit A of Section 5-21-36. Completed in Blinebry on May 6, 1963. Top of Perforations 5904'.

ADDITION--SINCLAIR OIL & GAS COMPANY - E. C. Adkins #11 in Unit A of Section 9-21-36. Completed in Blinebry on May 1, 1963. Top of Perforations 5945'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 4: Lots 2 and 7

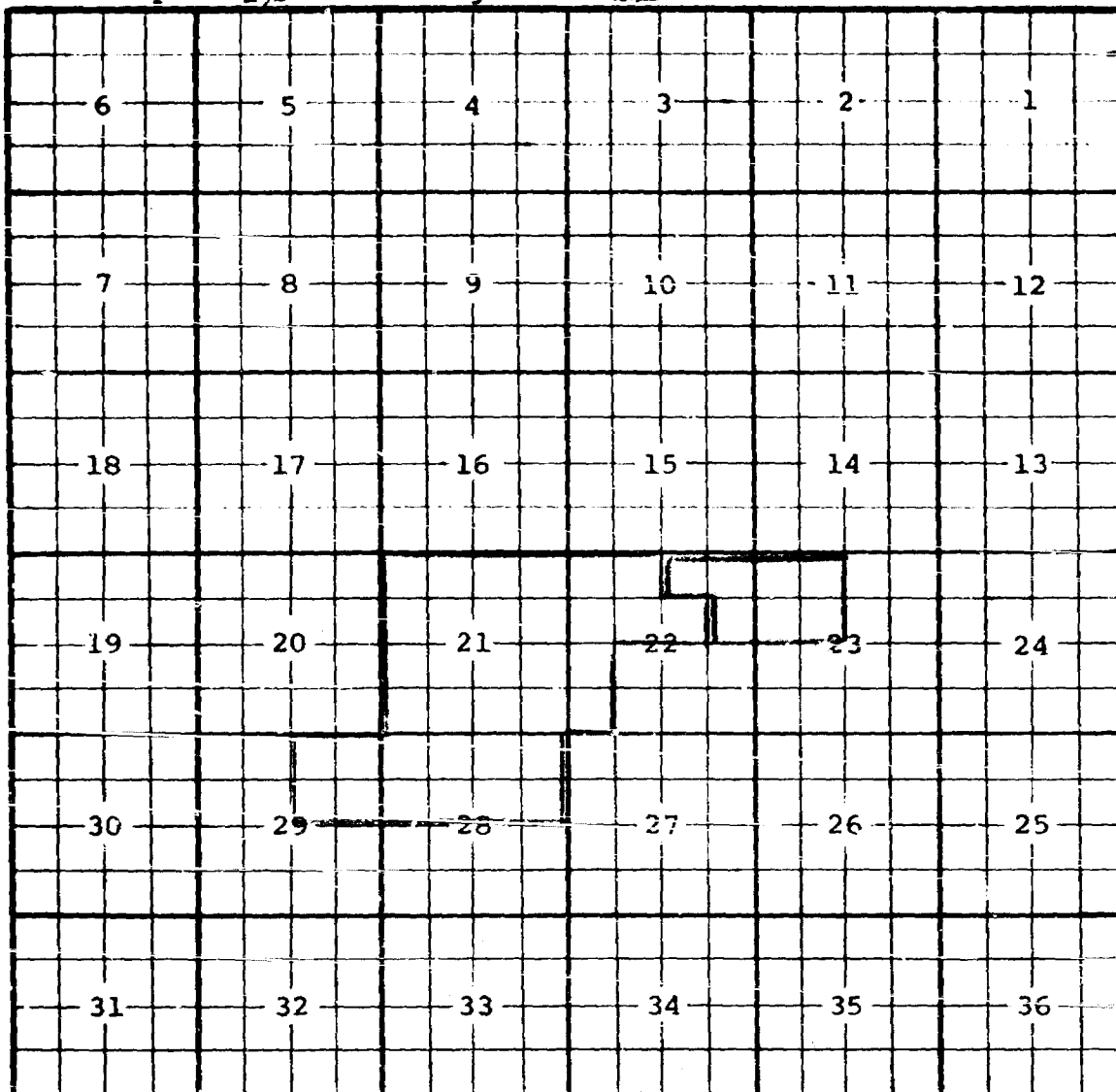
ADDITIONS--SECTION 5: Lots 1 and 2

SECTION 9: NE/4

CASE 2832: (o) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool East Millman-Seven Rivers

Township 19S Range 28E NMPM



Purpose: One completed oil well capable of producing.

International-Yates-Malco St. Well No. 4 in unit D of Section 23-19-28.
Completed in Seven Rivers April 21, 1963. Top of perforations 1127'.

Pool boundary colored in red.

Proposed extensions colored in green. Section 22: SE/4, NE/4, & N/2 NE/4
Section 23: NW/4

CASE 2832: (n) EXTENSION OF AN EXISTING OIL POOL (Continued)

County Eddy Pool East Millman-Queen-Grayburg

Township 19S Range 29E NMPM

	5	5	4	3	2	1
		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 page one of this exhibit.

Ralph Nix & Jerry Curtis—Nix State A Well No. 1 in unit K of Section 6-19-29.
Completed in Queen March 22, 1963. Top of perforations 1924'.

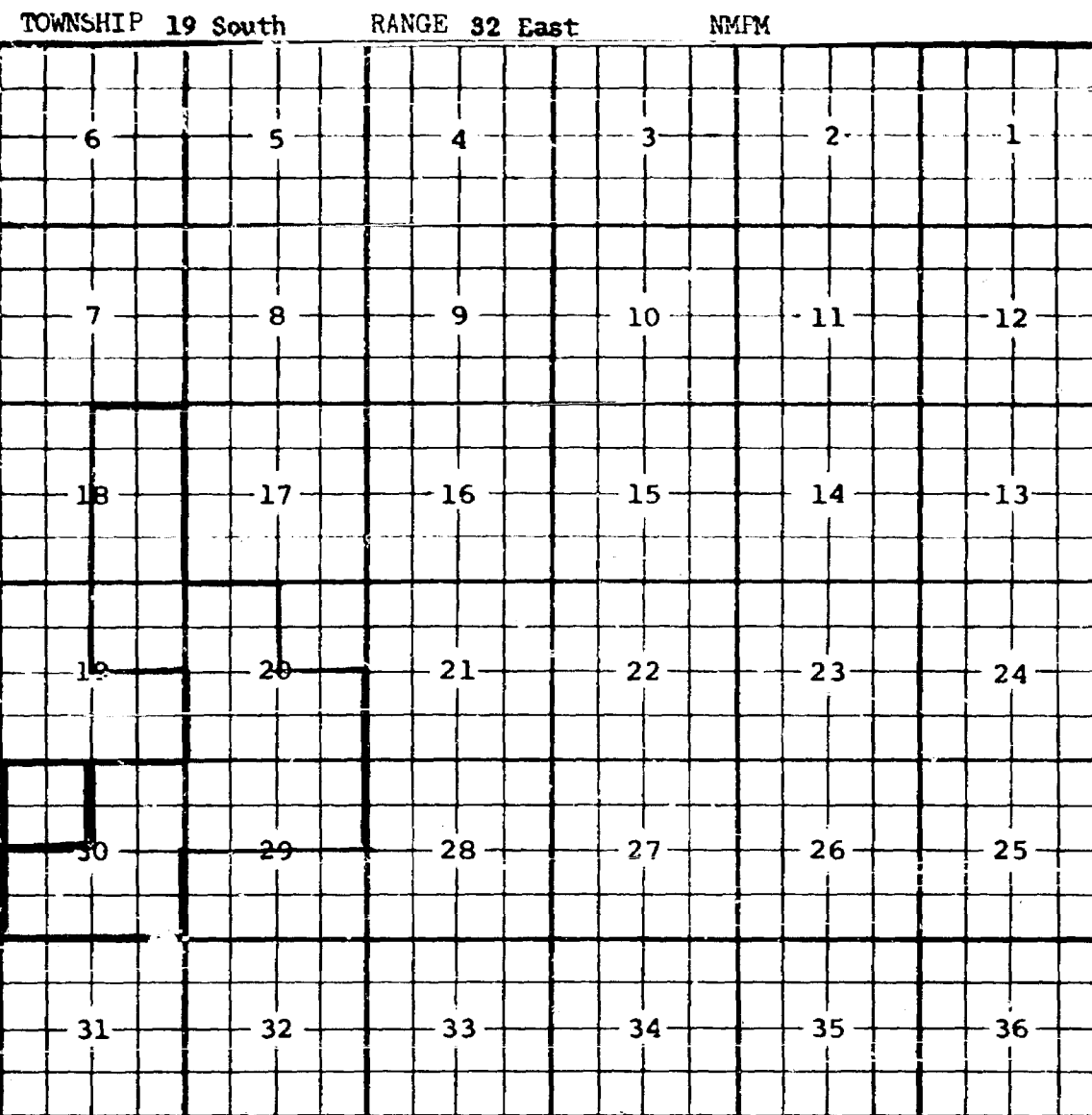
Pool boundary colored in red.

Proposed extensions colored in green. Section 6: SW/4
Section 7: NW/4 & N/2 SW/4

Pool boundary colored in red.

Proposed extension colored in green. Section 24" NTL/4

CASE 2832: (m) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL LISK-STRAWN



PURPOSE: One completed oil well capable of producing.
DELHI-TAYLOR OIL CORPORATION - Federal #1 in Unit C of Section 30-19-32.
Completed in Strawn on March 30, 1963. Top of Perforations 11,226'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 30: NW/4

CASE 2832: (1) EXTENSION OF AN EXISTING OIL POOL

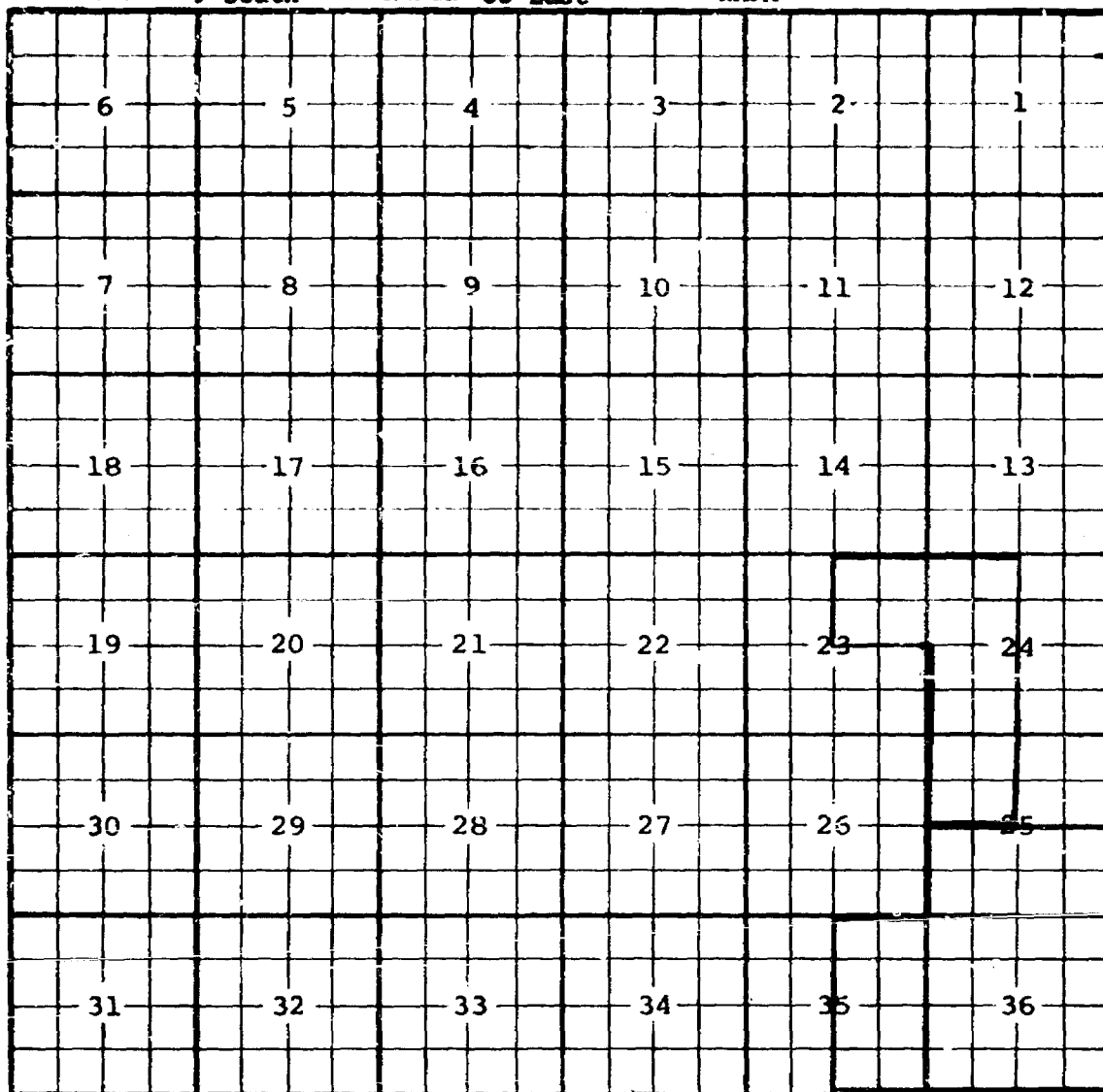
COUNTY LEA

POOL LANE-PENNSYLVANIAN

TOWNSHIP 9 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

SAM BOREN = Robinson #1 in Unit H of Section 23-9-33. Completed in Bough
C on April 3, 1963. Top of Perforations 9644'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 23: NE/4

SECTION 24: W/2

SECTION 25: NW/4

CASE 2832: (k) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Jackson-Abo

Township 17S Range 30E 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.

Robert G. Hanagan--Graridge Fed. No. 1 in unit J of section 22-17-30.

Completed in Abo April 6, 1963.

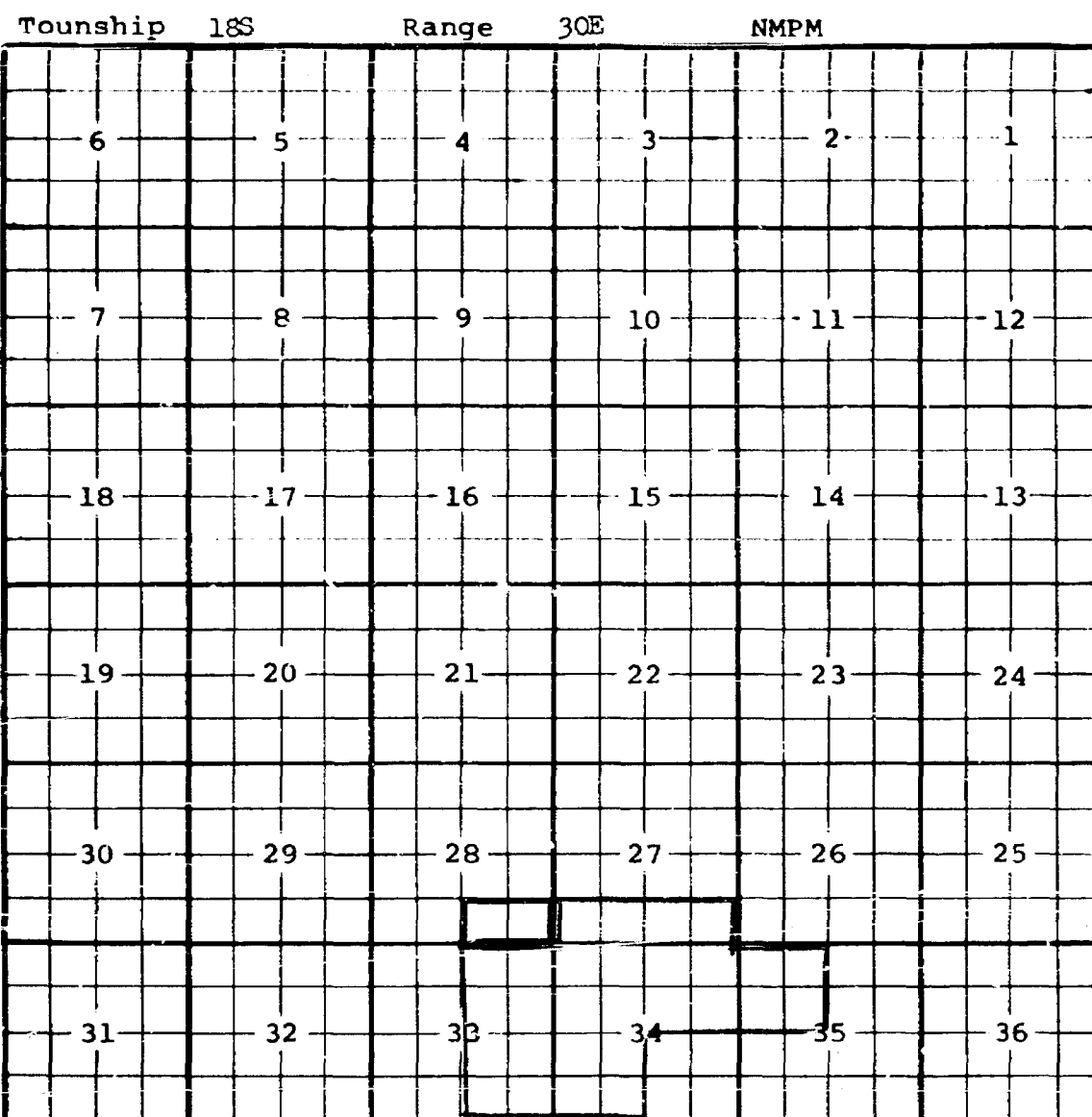
Top of perforations 6964'.

Pool boundary colored in red.

Proposed extension colored in green. Section 22: NW/4 SE/4

CASE 2832: (j) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool North Benson-Queen-Grayburg



Purpose: One completed Oil Well capable of producing.

Texaco Inc.—L.R.Manning #3 in unit—P of Section 28-18-30.

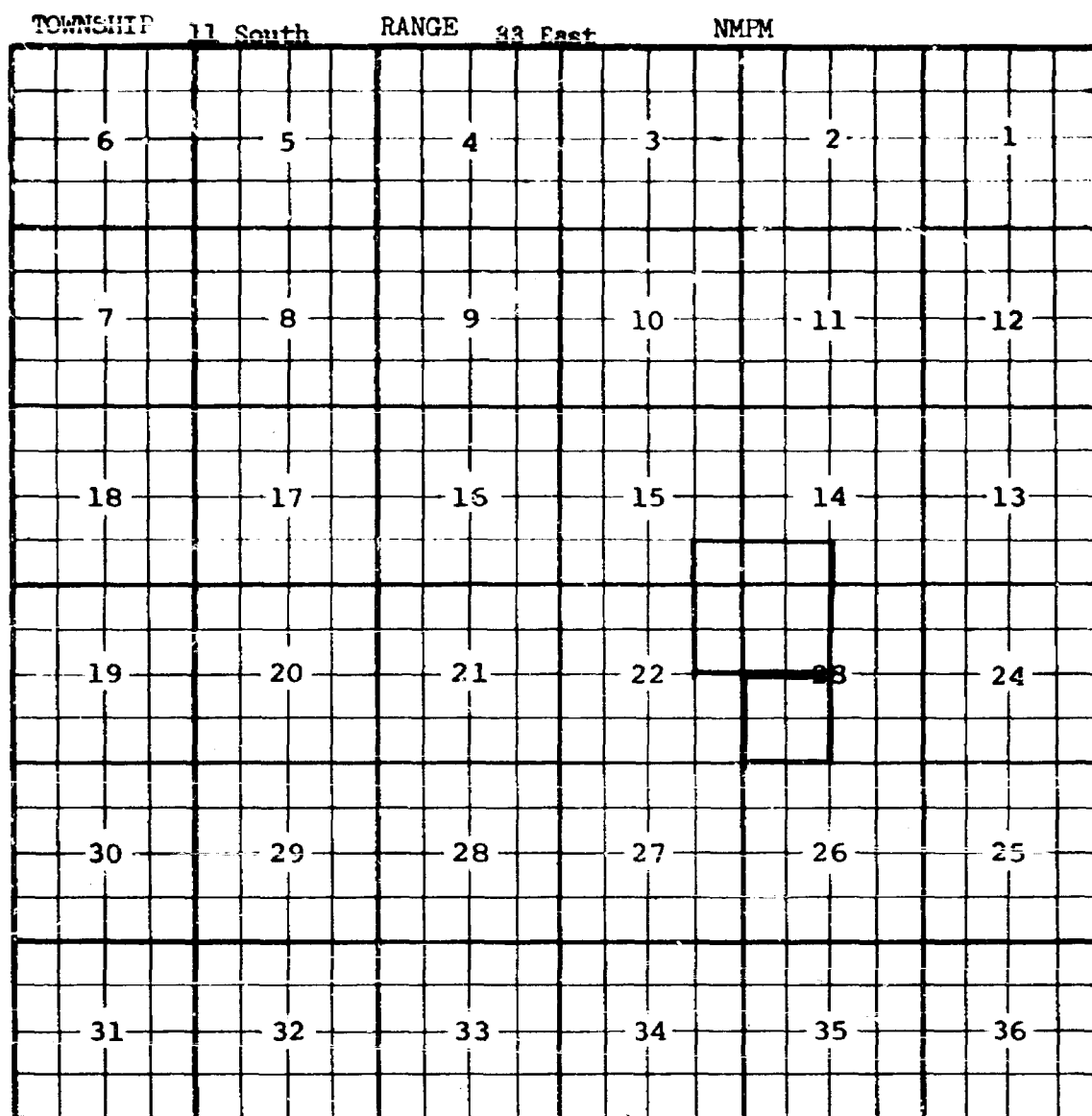
Completed in Queen-Grayburg April 15, 1963, Top of perforations 2806'

Pool boundary colored in red.

Proposed extension colored in green. Section 28: S/2 SE/4

CASE 2832: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH BAGLEY-WOLFECAMP



PURPOSE: One completed oil well capable of producing.

CABOT CORPORATION - John R. Thompson #1 in Unit L of Section 23-11-33.

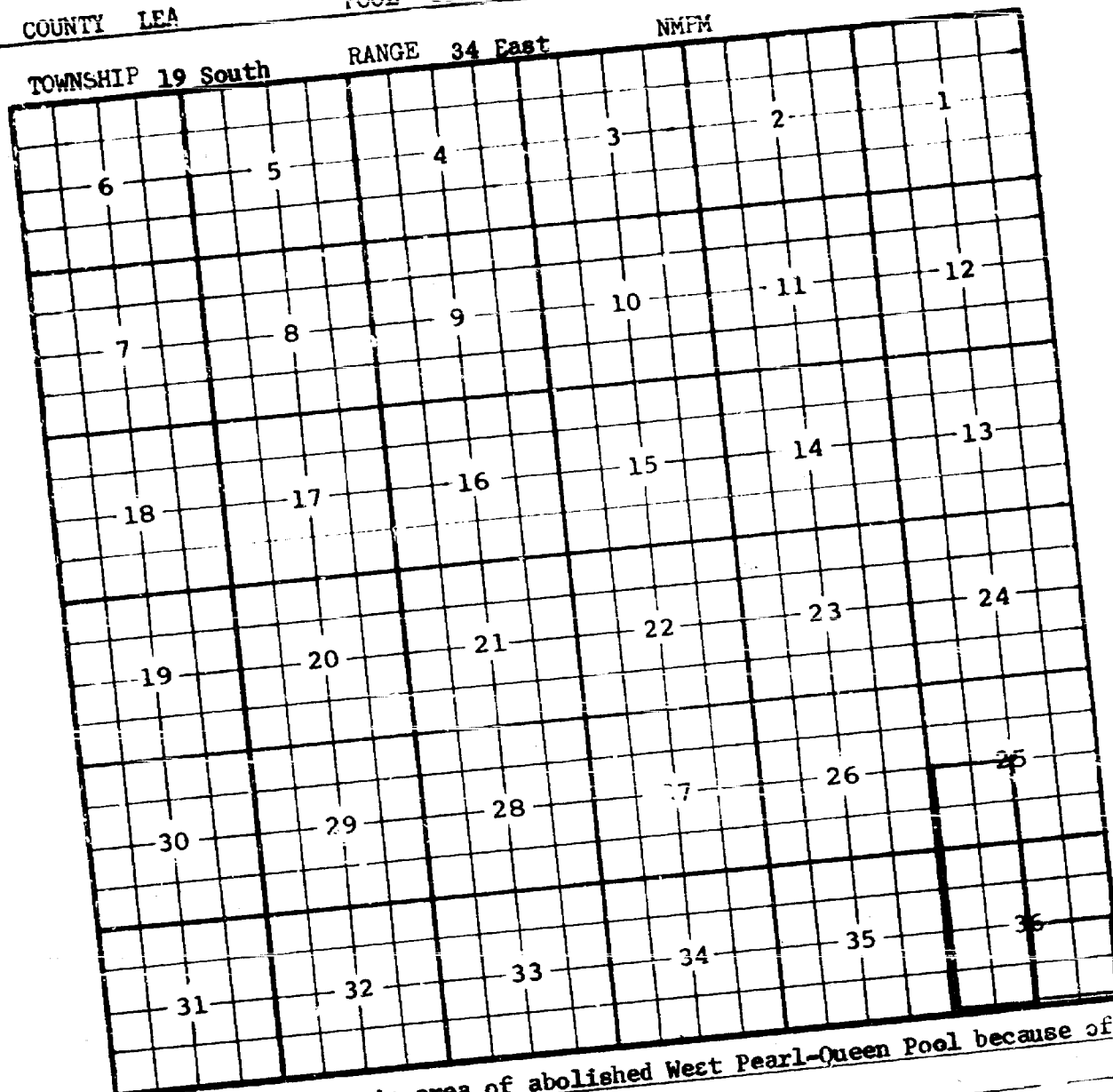
Completed in Wolfcamp on April 27, 1963. Top of Perforations 8426'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 23: SW/4

CASE 2832: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL PEARL-QUEEN
TOWNSHIP 19 South RANGE 34 East NMFM



PURPOSE: To take in area of abolished West Pearl-Queen Pool because of contiguous pool boundaries.

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 25: SW/4

SECTION 36: W/2

CASE 2832: (g) ABOLISHMENT OF AN EXISTING OIL POOL

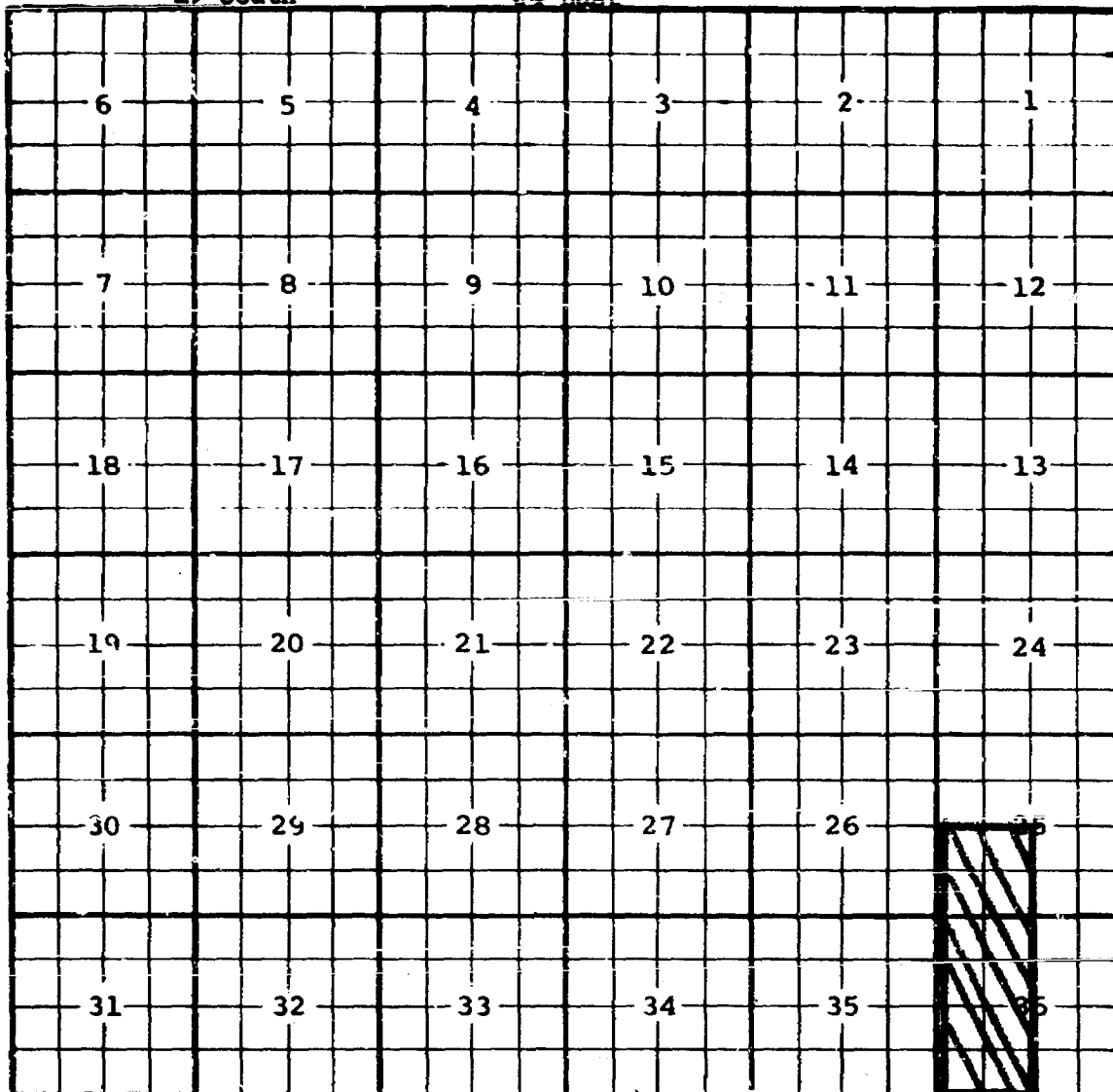
COUNTY LEA

POOL WEST PEARL-QUEEN

TOWNSHIP 19 South

RANGE 34 East

NMPM



PURPOSE: To consolidate two pools producing from the same reservoir whose pool boundaries are contiguous.

Proposed abolishment colored in blue. SECTION 25: SW/4

SECTION 36: W/2

CASE 2832: (f) CREATION OF A NEW OIL POOL

COUNTY ROOSEVELT POOL WEST MINNESAND-SAN ANDRES

TOWNSHIP	8 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: One completed oil well capable of producing.

CACTUS DRILLING COMPANY - Bolles #1 in Unit H of Section 20-8-34. Completed in San Andres on April 22, 1963. Top of Perforations 4554'.

Proposed pool boundary colored in red. SECTION 20: NE/4

CASE 2832: (e) CREATION OF A NEW OIL POOL

COUNTY LEA POOL VACUUM-PENNSYLVANIAN

TOWNSHIP 17 South RANGE 34 East NMM

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.

SOCONY MOBIL OIL COMPANY, INC. - State Bridges #96 in Unit H of Section 26-17-34. Completed in Pennsylvanian on March 3, 1963. Top of Perforations 11,372'.

Proposed pool boundary colored in red. SECTION 26: NE/4

CASE 2832: (d) CREATION OF A NEW OIL POOL

COUNTY LEA POOL NORTH JUSTIS-GLORIETA

TOWNSHIP 25 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: One completed oil well capable of producing.

WESTATES PETROLEUM COMPANY - Carlson B-1 #2 in Unit E of Section 1-25-37.

Completed in Glorieta on March 13, 1963. Top of Perforations 4900'.

Proposed pool boundary colored in red. SECTION 1: NW/4

CASE 2832: (c) CREATION OF A NEW GAS POOL

County Eddy Pool Hope-Strawn Gas

Township 18S Range 23E NMDM

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

Purpose: One completed gas well capable of producing.

Discovery Well: Sunray DX Oil Co.—N.M. St. "AH" #1 in unit—K
of Section 30-18-23. Completed in Strawn January 12, 1963

Top of perforations 7326'

Proposed pool boundary colored in green. Section 30: All

CASE 2832: (b) CREATION OF A NEW OIL POOL

COUNTY LEA POOL HIGH PLAINS-PENNSYLVANIAN

TOWNSHIP 14 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: One completed oil well capable of producing.

TEXAS CRUDE OIL COMPANY and SINCLAIR OIL & GAS COMPANY - State #1-23 in Unit M of Section 23-14-34. Completed in Pennsylvanian on April 10, 1963. Top of Perforations 10,463'.

Proposed pool boundary colored in red. SECTION 23: SW/4

CASE 2832: (a) CREATION OF A NEW OIL POOL

COUNTY LEA POOL ESTACADO PENNSYLVANIAN

TOWNSHIP 14 South RANGE 35 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.

UNION OIL COMPANY OF CALIFORNIA - State No. 1-17 in Unit A of Section 17-14-35. Completed in Pennsylvanian on April 16, 1963. Top of Perforations 11,478'.

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

NEW POOLS

- d) It is recommended that a new oil pool be created and designated as the NORTH JUSTIS-GLORIETA Pool.

Vertical limits to be the Glorieta formation and the horizontal limits should be as follows: as shown in paragraph (d), Exhibit I

Discovery well was Westates Petroleum Company, Carlson B-1 #2 located in Unit E Section 1 Township 25 Range 37 and was completed on March 13, 1963 ~~with perforations at 4900 feet~~ Top of perforations is at 4900 feet.

- e) It is recommended that a new oil pool be created and designated as the VACUUM-PENNSYLVANIAN Pool.

Vertical limits to be the Pennsylvanian formation and the horizontal limits should be as follows: as shown in paragraph (e), Exhibit I

Discovery well was Socony Mobil Oil Company, Inc., State Bridges #96 located in Unit H Section 26 Township 17 Range 34 and was completed on March 3, 1963 ~~with perforations at 11,372 feet~~ Top of perforations is at 11,372 feet.

- f) It is recommended that a new oil pool be created and designated as the WEST MILNESAND-SAN ANDRES Pool.

Vertical limits to be the San Andres formation and the horizontal limits should be as follows: as shown in paragraph (f), Exhibit I

Discovery well was Cactus Drilling Company, Bolles #1 located in Unit H Section 20 Township 8 Range 34 and was completed on April 22, 1963 ~~with perforations at 4554 feet~~ Top of perforations is at 4554 feet.

NEW POOLS

- a) It is recommended that a new oil pool be created and designated as the ESTACADO-PENNSYLVANIAN Pool.

Vertical limits to be the Pennsylvanian formation and the horizontal limits should be as follows: as shown in paragraph (a), Exhibit I

Discovery well was Union Oil Company of California - State #1-17 located in Unit A Section 17 Township 14 Range 35 and was completed on April 16, 1963 ~~*****~~ Top of perforations is at 11,478 feet.

- b) It is recommended that a new oil pool be created and designated as the HIGH PLAINS-PENNSYLVANIAN Pool.

Vertical limits to be the Pennsylvanian formation and the horizontal limits should be as follows: as shown in paragraph (b), Exhibit I

Discovery well was Texas Crude Oil Co. and Sinclair Oil & Gas Co., State #1-23 located in Unit M Section 23 Township 14 Range 34 and was completed on April 10, 1963 ~~*****~~ Top of perforations is at 10,463 feet.

- c) It is recommended that a new gas pool be created and designated as the HOPE-STRAWN GAS Pool.

Vertical limits to be the Strawn formation and the horizontal limits should be as follows: as shown in paragraph (c), Exhibit I

Discovery well was Sunray DX Oil Company, New Mexico State AH #1 located in Unit K Section 30 Township 18 Range 23 and was completed on January 12, 1963 ~~*****~~ Top of perforations is at 7326 feet.

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico

Oil Conservation Commission



P. O. DRAWER DD
ARTESIA, NEW MEXICO

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

LAND COMMISSIONER
E. B. JOHNNY WALKER
MEMBER

June 18, 1963

Dan Hutter
Chief Engineer
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Nomenclature

Dear Dan:

Currently, there is one Grayburg gas well and one Queen Grayburg gas well being produced within the horizontal limits of the East Red Lake-Queen Pool, see attached tickets for well descriptions. I had thought that the proposed consolidation of the Red Lake, East Red Lake-Queen, Vandagriff-Keyes Gas and West Cave-San Andres Pool would take care of these two wells. Now, however, since the consolidation is not going through it would seem that the best way to handle this would be to extend the vertical limits of the East Red Lake-Queen Pool to include the Grayburg Formation. If you agree, please give this letter to whoever prepares the nomenclature advertisements and ask them to add it to the July 17th hearing docket. If you need more information please let me know.

Very truly yours,

OIL CONSERVATION COMMISSION

Rick
R. L. Stamets
Geologist

RLS/jw

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

GAS NOMINATION ANALYSIS FOR JULY, 1963

<u>Southeast</u>	<u>July, 1963</u>	<u>% Change from July, 1962</u>
Bagley, Lower	73,800	- 32.9
Bagley, Upper	53,700	- .2
Blainebry	1,411,100	- 27.7
Crosby-Devonian	434,300	- 6.6
Eumont	3,880,600	- 14.0
Jalmat	3,789,500	- 19.9
Justis	200,500	+ 4.9
Monument-McKee	127,900	- 16.1
Tubb	1,356,400	- 22.4
Atoka-Penn	<u>400,000</u>	<u>+ 73.9</u>
Total	11,727,800	- 17.1
 <u>Northwest</u>		
Blanco-MV	8,378,900	- 13.4
Basin-DK	7,025,000	- 14.9
Aztec-PC	604,000	- 31.1
Ballard-PC	669,300	- 29.6
So. Blanco-PC	2,466,900	- 18.6
Fulcher Kutz-PC	290,000	- 18.1
Tapacito-PC	499,400	+ 22.2
West Kutz-PC	238,600	- 23.5
Devils Fork	146,800	- 21.1
D. F. Estimate	<u>164,791</u>	<u>+ 27.2</u>
Total	20,318,900	- 15.1
Total on D.F. Est	20,336,891	- 14.8
Both Areas	32,064,691	- 15.0

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

PRELIMINARY GAS NOMINATION ANALYSIS FOR
PERIOD 8-1-63 thru 1-31-64

<u>Northwest</u>	<u>2nd Period 1963</u>	<u>% Change from 2nd Period 1962</u>
Blanco-MV	71,977,253	+ 6.3
Basin-DK	57,191,300	- 21.7
Aztec-PC	4,585,970	- 18.9
Ballard-PC	4,995,500	- 16.8
So. Blanco-PC	19,300,700	+ 2.6
Fulcher Kutz PC	2,351,900	- 10.0
Tapacito-PC	4,093,300	+ 10.0
West Kutz-PC	1,892,900	- 4.8
Devils Fork	<u>1,112,100</u>	<u>- 13.9</u>
Both Areas	167,500,923	- 7.1

YATES, MARTIN III ET AL

Dooley 2 J 36-17-27 2 32-NB
 " 3 M " 2 33-NB
 " 1.4 K " 2 34-NB

TOTAL 4 6

YATES, S. P.

State "F" 2 F 15-17-28 2 112 12930 XX
 " 3 E " 2 112 12930 XX
 " 4 C " 2 112 12930 XX

TOTAL 3 6
 POOL TOTAL 157 1038

RED LAKE QUEEN, EAST

CONTINENTAL OIL COMPANY

St. P-12 1 C 12-17-28 11 372-380 10 21
 " 2 B " 2 47-100 2127 XX
 " 3 G " 5 62-NB

TOTAL 3 18

GEN. WEST. PETR. CORP.

St. 36 1 M 36-16-28 6 202-106 524
 " 2 L " 7 185-97 524
 " 3 N " 12 246-129 524
 " 4 K " 2 74-40 540

TOTAL 4 27

HARRIS, L. C.

Read. St. 1 H 11-17-28 22 491-620 1263

KINCAID & WATSON DRLG. CO., A CORP.

Atlantic St. A 1 D 1-17-28 14 324-616 1901
 " 2 C " 14 324-617 1901
 Kincaid St. 1 P 35-16-28 84 97-237 2443 XX
 Res. & Shel. St. 1 H 2-17-28 83 81-424 5234 XX
 " 2 A " 106 163-848 5202 XX
 " 3 B " 127 195-1018 5220 XX
 BS Smelt. St. 1 H 35-16-28 2 26-NB

TOTAL 7 60

MCCOY & STEVENS

Atlantic St. 1 E 1-17-28 14 260-374 1438
 " 2 F " 14 260-374 1438 ✓
 " "A" 1 E 12-17-28 10 219-275
 " 2 F " 10 220-275 1255

TOTAL 4 48

SILVERTHORNE, R. Q.

Sun. Mid-Cont. St. 1A 11-17-28 9 172-336 1953
 " 2 I " 9 173-337 1947
 Sup. St. 1 D 12-17-28 17 309-311 1906

TOTAL 3 35

YATES PETROLEUM CORP.

Smith 2 L 31-16-29 2014-NB 2756 XX

POOL TOTAL 23 230

RED LAKE QUEEN, NORTH

KINCAID & WATSON

So. Un. Fed. 2 M 34-16-28 83 82-210 2756 XX
 " 4 C " 82 6-555 2951 XX
 " 5 B " 82 6-555 2951 XX
 " 6 H " 28 370-676 1481 X(10) GR,
 " 7 A " 1 20 12 2714 XX

TOTAL 4 40

SOUTHERN UNION PROD. CO.

Fed. 1-34 F 34-16-28 2 37-3922 106,027 X(1), GR,
 " 1 D 3-17-28 2 37-3922 136,965 X(1), GR,

TOTAL 2 4
 POOL TOTAL 6 4

CAVE SAN ANDRES, WEST

STOUT, G. KELLY

Superior 1 J 12-17-29

2

Jan 63 Jan 63 GOR
Oil Gas
Prod Prod
Total Total

11- NR

RED LAKE (G.SA)

BEDINGFIELD, J. E.

Aston & Fair St. 1F 31-17-28 6

Bed. St. 1,4 F 36-17-27 2

" 2,5 G " 2

" 3 M 36-17-27 2

State 11 L " 5

TOTAL 7 17

131-390 2977 XX

STOUT, G. KELLY

State 1 J 12-17-29 1 49- NR

C & H OILS

Harbold 12 E 35-17-27 1 12- NR

Malco Fed. 1 D " 6 98 } 373 1516

" 2 A 3-18-27 5 149 }

TOTAL 3 12

CACTUS DRILLING COMPANY

Pan Am. St. B 1 M 27-17-28 9 245-31 126

CARPER SIV. EMP. JOINT ACCT.

Mag. Fed. 7,12 E 35-17-27 1 14- NR

" 12,9 E " 1 60- NR

" 10 P " 1 5- NR

Russell 1,3 M " 1 5- NR

" 2,4 O " 1 7- NR

TOTAL 9 5

CASTLE, JOHN & BRACE WIGZELL

Delhi St. 2 M 28-17-28 15 13 380-857 2255 XX

Gulf St. 1 B 22-17-28 8 4 97-669 6896 XX

" 2 C " 10 7 208-669 3216 XX

TOTAL 3 33

CHAMBERS & KENNEDY

Abo 2 M 27-17-28 7 213-36 169

COCKBURN, MAGGIE SUETTA EXECUTRIX

Barr. Fed. 5 G 35-17-27 6 82- NR

" 6 B " 4 60- NR

Homan St. 1 H 36-17-27 1 26- NR

Ranapo St. 1 M 31-17-28 2 37- NR

" 2 L " 3 63- NR

TOTAL 5 16

COWAN & SHETTL

Jackson 1 M 7-18-27 18 522- NR

DELHI TAYLOR OIL CORP.

State 15 N 28-17-28 12 6 166-410 2469 XX

FRANKLIN, ASTON & FAIR

St. AG 1 J 31-17-28 36 new

①

GRARIDGE CORPORATION

Car. Fed. Coll	1 G	5-18-27	2	44-NR
Comp. Fed.	1 O	6-18-27	14	354-709 1747
Eaton Fed.	1 K	5-18-27	4	0-NR
Evarts Fed.	1 H	6-18-27	8	240-NR
Fred Fed.	1 L	33-17-27	14	392-358 713
"	2 E	"	6	172-156 706
Julia Fed. A	1,2 L	5-18-27	12	332-NR
"	3 E	"	10	277-NR
Julia Fed. B	1 I	6-18-27	6	139-NR
Paton Fed.	2 N	"	4	NR-NR
Yates Fed. Co.	1 J	5-18-27	4	96-NR

TOTAL 12 84

HANSON E.A. & HAROLD KERSEY

H & K Fed.	1 E	14-17-28	10	NR
Schram Fed.	1 L	"	36	1116-NR

Main 7780 Gas NR

TOTAL 2 46

HAYNES, OWEN

Harbold	16 N	26-17-27	25	0
Trigg	1 O	27-17-27	30	

TOTAL 2 55

HONDO OIL & GAS COMPANY

Gant. Fed.	1 G	7-18-27	13	222-856 3855 XX
"	2 I	"	106	162-461 2845 XX
Gant. Fed. A	1 E	6-18-27	8	235-522 14914 XX
"	2 F	"	127	199-469 4869 XX
W. Stirl, Jr.	1 M	6-18-27	11	202-340 1683
"	2 D	7-18-27	13	352-426 1210
"	3 C	"	7	176-340 1931
"	4 F	"	85	149-596 4000 XX

TOTAL 8 84

HUDSON, MILDRED CRANE

Mal. A Fed.	1 P	6-18-28	13	358-150 418
Mal. B Fed.	1 J	"	19	505-410 861
Mann	2 C	9-18-27	36	317-NR
Vanda Fed.	2 H	7-18-27	7	221-NR
"	3 A	"	7	220-NR
"	4 B	"	15	210-252 1200

TOTAL 6 97

HUDSON, W. M.

Compton	5 G	8-18-27	11	260-NR
Fed.	1 M	5-18-27	7	154-NR
Fed.	4 M	4-18-27	11	355-NR
Hudson Hondo Fed. 1G	4-18-27	20	0	
Humble Fed.	1 N	4-13-27	8	99-NR
Kaiser	1 J	7-18-27	87	214-558 2607 XX
Malco	2 G	6-18-27	10	266-NR
Mann	1 D	9-18-27	20	2372-1514 4069 XX
Pitcher	3 B	8-18-27	7	229-NR
St. B-9299	1 A	2-18-27	1	11-NR
Turner St.	1 H	"	1	0-NR
Vanda	1 I	8-18-27	13	301-NR

TOTAL 12 117

HURLEY, HARVEY

Gulf Jac.	1 D	18-18-27	4	100-NR
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INTERNATIONAL-YATES

St. 647, TR. 1	77 G	26-17-28	1	21-NR
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KERSEY & COMPANY

Delhi St. 8 K 19-17-28 1 0-NR

RED LAKE PREMIER SAND UNIT

Delhi St.	6 I	19-17-28	Input
"	9 O	"	"
Delhi St. Reid	1 F	20-17-28	"
Hart. St.	4 I	20-17-28	"
Scannell	2 P	"	"
Stanolind	1 J	21-17-28	"
Thompson	1 K	20-17-28	"
"	2 L	"	"
"	3 N	"	"
"	4 M	"	"
Tigner St.	1 L	28-18-28	"
Welch	10 L	21-17-28	"
"	11 N	"	"
"	13 M	"	"
"	14 C	28-17-28	"
"	16 F	"	"
Wel. Reid	1,3 G	20-17-28	"
"	2 A	"	"
Wel. Steph.	2 H	"	"
Delhi St.	1 K	21-17-28	6
"	2,11 C	29-17-28	15
"	3 D	"	1
"	4 A	"	2
"	5 B	"	3
"	10 G	30-17-28	1

(:

Del. Steph.	1 P	19-17-28	23
Hart. St.	1 I	20-17-28	1
"	2,3 J	"	3
Piatt St.	1 A	30-17-28	7
Scann.	1 O	20-17-28	4
"	4 P	"	9
Staley	1 H	30-17-28	1
Thompson	5 N	20-17-28	3
"	6 K	"	5
Welch	12 D	28-18-28	1
"	15 E	"	4
"	16 F	"	3
"	19 N	"	6
Wel. Steph.	3 H	20-17-28	9
Will. "A"	1,2 E	21-17-28	3
Will. "B"	1 F	29-17-28	4
"	2 G	"	8

TOTAL 26

122

8835 - NR

OPR. TOTAL 27

123

#Allowable for this area based on
Commission Order #R-1127. Max.

Allowable equals 39 Units X NUA(36)
or 1404 BOPD.

KINCAID & WATSON DRLG. CO.

Aztec Fed.	1 G	15-17-28	87154-803 4248 XX
"	2 B	"	87190-803 4248 XY
"	3 H	"	87190-804 4248 XY
Federal	1 J	"	15 342-354 1035
"	3 I	"	15 342-354 1035
"	4 P	"	15 343-355 1035
Hondo Fed.	1 F	23-17-28	148 038-100 2941 XX
Humble 23	1 J	"	116 173-2735 15,826 X(5), GR,

③

TOTAL 8

97

MCCOY & STEPHENS

Malco 1 K 23-17-28 6 177-100 736

NEARBURG & INGRAM

Johnsen 1X L 7-18-27 3 13-83 1000

NIX, RALPH & JERRY CURTIS

Collier St. 1 L 27-17-28 65137-371 2108 XX

PHILLIPS, N. GORDON

Keyes St. 2 H 9-17-28 1237-1704 116054 XX

Keyes "A" Fed. 1A N 10-17-28 2 33-27 818

39)

~~PHILLIPS, N. GORDON~~

Phillips Bald. St. 2N 15-17-28 12233-283 8515 XX

" 3,4K " 20261-284 4655 XX

TOTAL 4 38

RED LAKE OIL COMPANY

Lovers St. 5,24 B 27-17-28 2 62-280 4516 XY

" 20 C " 1237-140 3783 XY

" 21 D " 1236-139 3861 XY

" 23 A 22-17-28 1236-139 3861 XY

St. "B" 4,8 L 22-17-28 5 83-NB

" 2 F " 4 24-NB

" 3 G " 1 0

" 1,6 K " 3 45-NB

" 7 J " 2 61-NB

" 9 E " 4 61 NB

TOTAL 13 24

RUTTER & WILBANKS

Nagrunder 2,4 E 36-17-27 3 24-NB

State B 1 G 2-18-27 1 1-NB

TOTAL 3 4

SAIKIN, DAVID C.

St. "B" 1 E 31-17-28 1 14-NB

TRIGG, JOHN H.

Emp. Fed. J 1 P 1-18-26 5 124-93 750

" 2 I " 21 465-233 501

" 3 H " 10 151-93 615

Har. Fed. 7,14 H 35-17-27 4

" 8 A " 2 31-NB

" 10,15 F " 1

" 11 C " 1 19-NB

TOTAL 9 44

WELCH DRILLING COMPANY

Gilbert 1X,2 K 7-18-27 8 152-NB

Kaiser 2 J " 5 148-NB

Morage Factor 0.750

" 4 O " 5 121-NB

TOTAL 4 18

WELCH, V. S.

Fed. 1 M 14-17-28 8 197-NB

Wendell & Roger Owen - ~~Stock~~
Kendall & Co
1934

1M 2-17-28 0 7.5 7.5000 X X
1934 1.17 10-17-28 10 1.353 1.35300 X X

Hinrich & Wilborn
R. J. & Co. St
De W. Taylor St
Hendall St
1P 3-16-25 0 8.67 9.67000 X X G.R.
1M 3-16-25 0 4.73 4.73000 X X G.R.
1I 3-16-28 0 3.52 3.056000 X X G.R.

Southern Union Prod Co.
Hendall St
1G 4-17-25 0 10.29 10.79000

~~1934~~
~~1934~~
~~1934~~

Edg. Charles
Kendall & Co.
St. Union Prod
Hendall St
0 2.84 2.618000
0 2.10 2.10000

Charles

NOMENCLATURE ADVERTISEMENT FOR JUNE, 1963
CASE _____

Change pool name

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, Lea, and Roosevelt Counties, New Mexico, the abolishment of certain existing pools in Eddy and Lea Counties, New Mexico, and the extension of vertical~~ *and horizontal* limits ~~to a certain existing pool in Eddy County, New Mexico, and extensions of certain existing pools in Lea and Eddy 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, abolishments, extension of vertical limits, and extensions should not be made.~~

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Estacado-Pennsylvanian Pool, and described as:

✓ TOWNSHIP 14 SOUTH, RANGE 35 EAST, NMPM
SECTION 17: NE/4

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the High Plains-Pennsylvanian Pool, and described as:

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 23: SW/4

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production, designated as the Hope-Strawn Gas Pool, and described as:

✓ TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM
SECTION 30: ALL

d) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Glorieta production, designated as the North Justis-Glorieta Pool, and described as:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: NW/4

↙ (e) CREATE A new pool in Roosevelt County, New Mexico, classified as an oil pool for San Andres production, designated as the West Milnesand-San Andres Pool, and described as:

✓ TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 20: NE/4

(f) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Vacuum-Pennsylvanian Pool, and described as:

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 26: NE/4

~~g) ABOLISH the West Cave-San Andres Pool in Eddy County, New Mexico, described as:~~

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 12: SE/4

~~h) ABOLISH the Loco Hills-Queen Pool in Eddy County, New Mexico, described as:~~

-2- June, 1963, Nomenclature

~~TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM~~
~~SECTION 29: SW/4~~
~~SECTION 32: NW/4~~

g) ~~ABOLISH the West Pearl-Queen Pool in Lea County, New Mexico, described~~
as:

~~TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM~~
~~SECTION 25: SW/4~~
~~SECTION 36: W/2~~

(h) see next page
i) ~~ABOLISH the East Ray Lake Queen Pool in Eddy County, New Mexico, described~~
as:

~~TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM~~
~~SECTION 34: All~~
~~SECTION 35: All~~
~~SECTION 36: S/2~~

~~TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM~~
~~SECTION 31: NW/4 SW/4~~

~~TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM~~
~~SECTION 1: NW/4~~
~~SECTION 2: N/2 and SE/4~~
~~SECTION 3: N/2~~
~~SECTION 11: NE/4 and N/2 SE/4~~
~~SECTION 12: W/2 and W/2 NE/4~~

j) ~~ABOLISH the Van Hook Keyes Green Gas Pool in Eddy County, New Mexico,~~
~~described as:~~

~~TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM~~
~~SECTION 33: E/2~~

~~TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM~~
~~SECTION 2: SW/4~~
~~SECTION 3: S/2~~
~~SECTION 4: All~~
~~SECTION 5: All~~
~~SECTION 8: NE/4~~
~~SECTION 9: All~~
~~SECTION 10: All~~

1) ~~EXTEND the vertical limits of the Loco Hills (Grayburg-San Andres) Pool in~~
~~Eddy County, New Mexico, to include the Queen formation and change Pool name~~
(j) ~~EXTEND the North Bagley-Wolfcamp Pool in Lea County, New Mexico, to in-~~
~~clude therein:~~

~~TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM~~
~~SECTION 23: SW/4~~

(j) ~~EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico,~~
~~to include therein:~~

~~TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM~~
~~SECTION 28: S/2 SE/4~~

4 EXTEND the Jackson-Abe Pool in Eddy County, New Mexico, to include there-
in:

4. EXTEND the Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein;

4) EXTEND the Lusk-Strawn Pool in Lea County, New Mexico, to include therein:

(2) EXTEND the East Millman/~~Queen~~-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
SECTION 6: SW/4
SECTION 7: NW/4 and N/2 SW/4

●) EXTEND the East Millman-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19SOUTH, RANGE 28 EAST, NMPM
SECTION 22: SE/4 NE/4 and N/2 NE/4
SECTION 23: NW/4

1) EXTEND the Oil Center-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
SECTION 4: Lots 2 and 7

~~d) Adding the South Paddock Pool in Lea County, New Mexico, to include there-~~

~~TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPH~~
~~SECTION 32; NE/4~~

(4) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4
SECTION 36: W/2

2w) ~~EXPAND~~ the ~~Red Lake~~ Pool in Eddy County, New Mexico, to include therein:

~~SECTION 33: E/2~~
~~SECTION 34: ALL~~
~~SECTION 35: ALL~~ ✓
~~SECTION 36: S/2~~

✓ TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
SECTION 31: NW/4 SW/4

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 1: NW/4
SECTION 2: All
SECTION 3: All
SECTION 4: All
SECTION 5: E/2
SECTION 6: NE/4
SECTION 9: NW/4 and W/2 E/2
SECTION 10: N/2, SE/4 and N/2 SW/4
SECTION 11: All
SECTION 12: All
SECTION 16: NE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 26: NW/4

✓ TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 12: N/2 NE/4

(o) EXTEND the White City-Pennaylvanian Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
SECTION 20: W/2
SECTION 29: W/2 and SE/4

(g) Extend the vertical limits of the Red Lake (Kearneyburg-Juan Andres) Pool in Eddy County, to include the Queen formation underlying Unit H of Section 9, Unit E of Section 14, and Unit E of Section 15 only, all in Township 17 South, Range 28 East. Further to extend the horizontal limits of said pool to include therein:

Township 17 South, Range 28 East
Section 16: W/2 NE/4

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 19, 1963

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, 1963;
- (2) Consideration of the allowable production of gas for July, 1963, from ten prorated pools in Lea and Eddy 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, 1963, also presentation of purchasers' nominations for the six-month period beginning August 1, 1963 for that area.

CASE 2811: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of Rule 402 of the Commission Rules and Regulations to require shut-in pressure tests of natural gas wells annually only rather than semi-annually as now required. Further, to provide a procedure whereby the Secretary-Director of the Commission, by administrative order could require specific procedures for testing in certain pools.

CASE 2832: Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, and the extension of the vertical and horizontal limits of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico.

- (a) Create a new oil pool for Pennsylvanian production, designated as the Estacado-Pennsylvanian Pool, and described as:

Township 14 South, Range 35 East, NMPM
Section 17: NE/4

- (b) Create a new oil pool for Pennsylvanian production, designated as the High Plains-Pennsylvanian Pool, and described as:

Township 14 South, Range 34 East, NMPM
Section 23: SW/4

- (c) Create a new gas pool for Strawn production, designated as the Hope-Strawn Gas Pool, and described as:

Township 18 South, Range 23 East, NMPM
Section 30: All

- (d) Create a new oil pool for Glorieta production, designated as the North Justis-Glorieta Pool, and described as:

Township 25 South, Range 37 East, NMPM
Section 1: NW/4

- (e) Create a new oil pool for Pennsylvanian production, designated as the Vacuum-Pennsylvanian Pool and described as:

Township 17 South, Range 34 East, NMPM
Section 26: NE/4

- (f) Create a new oil pool for San Andres production, designated as the West Milnesand-San Andres Pool, and described as:

Township 8 South, Range 34 East, NMPM
Section 20: NE/4

- (g) Abolish the West Pearl-Queen Pool, described as:

Township 19 South, Range 34 East, NMPM
Section 25: SW/4
Section 36: W/2

- (h) Extend the Pearl-Queen Pool, to include therein:

Township 19 South, Range 34 East, NMPM
Section 25: SW/4
Section 36: W/2

- (i) Extend the North Bagley-Wolfcamp Pool, to include therein:

Township 11 South, Range 33 East, NMPM
Section 23: SW/4

- (j) Extend the North Benson Queen-Grayburg Pool, to include therein:

Township 18 South, Range 30 East, NMPM
Section 28: S/2 SE/4

- (k) Extend the Jackson-Abo Pool to include therein:

Township 17 South, Range 30 East, NMPM
Section 22: NW/4 SE/4

- (l) Extend the Lane-Pennsylvanian Pool, to include therein:

Township 9 South, Range 33 East, NMPM
Section 23: NE/4
Section 24: W/2
Section 25: NW/4

- (m) Extend the Lusk-Strawn Pool, to include therein:

Township 19 South, Range 32 East, NMPM
Section 30: NW/4

- (n) Extend the East Millman Queen-Grayburg Pool, to include therein:

Township 19 South, Range 28 East, NMPM
Section 24: NW/4

Township 19 South, Range 29 East, NMPM
Section 6: SW/4
Section 7: NW/4 and N/2 SW/4

- (o) Extend the East Millman-Seven Rivers Pool, to include therein:

Township 19 South, Range 28 East, NMPM
Section 22: SE/4 NE/4 and N/2 NE/4
Section 23: NW/4

- (p) Extend the Oil Center-Blinebry Pool, to include therein;

Township 21 South, Range 36 East, NMPM
Section 4: Lots 2 and 7

- (q) Extend the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, to include the Queen formation underlying Unit H of Section 9, Unit E of Section 14, and Unit E of Section 15 only, all in Township 17 South, Range 28 East. Further to extend the horizontal limits of said pool to include therein:

Township 17 South, Range 28 East, NMPM
Section 16: W/2 NE/4

- (r) Extend the Vacuum-Abo Reef Pool, to include therein:

Township 17 South, Range 35 East, NMPM
Section 26: NW/4

Township 18 South, Range 34 East, NMPM
Section 12: N/2 NE/4

- (s) Extend the White City-Pennsylvanian Gas Pool, to include:

Township 24 South, Range 26 East NMPM
Section 20: W/2
Section 29: W/2 and SE/4

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 19, 1963

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, 1963;
 - (2) Consideration of the allowable production of gas for July, 1963, from ten prorated pools in Lea and Eddy 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, 1963, also presentation of purchasers' nominations for the six-month period beginning August 1, 1963 for that area.

CASE 2811: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the revision of Rule 402 of the Commission Rules and Regulations to require shut-in pressure tests of natural gas wells annually only rather than semi-annually as now required. Further, to provide a procedure whereby the Secretary-Director of the Commission, by administrative order could require specific procedures for testing in certain pools.

CASE 2832: Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, and the extension of the vertical and horizontal limits of certain pools in Lea, Eddy, and Roosevelt Counties, New Mexico.

- (a) Create a new oil pool for Pennsylvanian production, designated as the Estacado-Pennsylvanian Pool, and described as:

Township 14 South, Range 35 East, NMPM
Section 17: NE/4

- (b) Create a new oil pool for Pennsylvanian production, designated as the High Plains-Pennsylvanian Pool, and described as:

Township 14 South, Range 34 East, NMPM
Section 23: SW/4

- (c) Create a new gas pool for Strawn production, designated as the Hope-Strawn Gas Pool, and described as:

Township 18 South, Range 23 East, NMPM
Section 30: All

- (d) Create a new oil pool for Glorieta production, designated as the North Justis-Glorieta Pool, and described as:

Township 25 South, Range 37 East, NMPM
Section 1: NW/4

- (e) Create a new oil pool for Pennsylvanian production, designated as the Vacuum-Pennsylvanian Pool and described as:

Township 17 South, Range 34 East, NMPM

Section 26: NE/4

- (f) Create a new oil pool for San Andres production, designated as the West Milnesand-San Andres Pool, and described as:

Township 8 South, Range 34 East, NMPM

Section 20: NE/4

- (g) Abolish the West Pearl-Queen Pool, described as:

Township 19 South, Range 34 East, NMPM

Section 25: SW/4

Section 36: W/2

- (h) Extend the Pearl-Queen Pool, to include therein:

Township 19 South, Range 34 East, NMPM

Section 25: SW/4

Section 36: W/2

- (i) Extend the North Bagley-Wolfcamp Pool, to include therein:

Township 11 South, Range 33 East, NMPM

Section 23: SW/4

- (j) Extend the North Benson Queen-Grayburg Pool, to include therein:

Township 18 South, Range 30 East, NMPM

Section 28: S/2 SE/4

- (k) Extend the Jackson-Abo Pool to include therein:

Township 17 South, Range 30 East, NMPM

Section 22: NW/4 SE/4

- (l) Extend the Lane-Pennsylvanian Pool, to include therein:

Township 9 South, Range 33 East, NMPM

Section 23: NE/4

Section 24: W/2

Section 25: NW/4

- (m) Extend the Lusk-Strawn Pool, to include therein:

Township 19 South, Range 32 East, NMPM
Section 30: NW/4

- (n) Extend the East Millman Queen-Grayburg Pool, to include therein:

Township 19 South, Range 28 East, NMPM
Section 24: NW/4

Township 19 South, Range 29 East, NMPM
Section 6: SW/4
Section 7: NW/4 and N/2 SW/4

- (o) Extend the East Millman-Seven Rivers Pool, to include therein:

Township 19 South, Range 28 East, NMPM
Section 22: SE/4 NE/4 and N/2 NE/4
Section 23: NW/4

- (p) Extend the Oil Center-Blaine Pool, to include therein:

Township 21 South, Range 36 East, NMPM
Section 4: Lots 2 and 7

- (q) Extend the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, to include the Queen formation underlying Unit H of Section 9, Unit E of Section 14, and Unit E of Section 15 only, all in Township 17 South, Range 28 East. Further to extend the horizontal limits of said pool to include therein:

Township 17 South, Range 28 East, NMPM
Section 16: W/2 NE/4

- (r) Extend the Vacuum-Abo Reef Pool, to include therein:

Township 17 South, Range 35 East, NMPM
Section 26: NW/4

Township 18 South, Range 34 East, NMPM
Section 12: N/2 NE/4

- (s) Extend the White City-Pennsylvanian Gas Pool, to include:

Township 24 South, Range 26 East NMPM
Section 20: W/2
Section 29: W/2 and SE/4

**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

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

**CASE NO. 2832
ORDER NO. R-2507**

**THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, CHANGING
VERTICAL LIMITS, AND EXTENDING
CERTAIN POOLS IN EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO**

ORDER OF THE COMMISSION

BY THE COMMISSION

This cause came on for hearing at 9 o'clock a.m., on June 19, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

Now, on this 21st day of June, 1963, 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 pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Estacado-Pennsylvanian Pool. Said Estacado-Pennsylvanian Pool was discovered by Union Oil Company of California, State No. 1-17, located in Unit A of Section 17, Township 14 South, Range 35 East, NEPM. It was completed in Pennsylvanian on April 16, 1963. The top of the perforations is at 11,478 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of

-2-

Case No. 2832

Order No. R-2507

High Plains-Pennsylvanian Pool. Said High Plains-Pennsylvanian Pool was discovered by Texas Crude Oil Company and Sinclair Oil & Gas Company, State No. 1-23, located in Unit M of Section 23, Township 14 South, Range 34 East, NMPM. It was completed in Pennsylvanian on April 10, 1963. The top of the perforations is at 10,463 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Strawn (Pennsylvanian) formation, said pool to bear the designation of Hope-Strawn Gas Pool. Said Hope-Strawn Gas Pool was discovered by Sunray DX Oil Company, New Mexico State "AH" No. 1, located in Unit K of Section 30, Township 18 South, Range 23 East, NMPM. It was completed in Strawn (Pennsylvanian) on January 12, 1963. The top of the perforations is at 7326 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Glorieta formation, said pool to bear the designation of North Justis-Glorieta Pool. Said North Justis-Glorieta Pool was discovered by Westates Petroleum Company, Carlson B-1 No. 2, located in Unit E of Section 1, Township 25 South, Range 37 East, NMPM. It was completed in Glorieta on March 13, 1963. The top of the perforations is at 4900 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Vacuum-Pennsylvanian Pool. Said Vacuum-Pennsylvanian Pool was discovered by Socony Mobil Oil Company, Inc., State Bridges No. 96, located in Unit H of Section 26, Township 17 South, Range 34 East, NMPM. It was completed in Pennsylvanian on March 3, 1963. The top of the perforations is at 11,372 feet.

(7) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of West Milnesand-San Andres Pool. Said West Milnesand-San Andres Pool was discovered by Cactus Drilling Company, Dolles No. 1, located in Unit H of Section 20, Township 8 South, Range 34 East, NMPM. It was completed in San Andres on April 22, 1963. The top of the perforations is at 4554 feet.

(8) That there is need for the consolidation of the West Pearl-Queen Pool and the Pearl-Queen Pool, Lea County, New Mexico, inasmuch as the pools produce from the same formations, said consolidation to be accomplished by abolishment of the West Pearl-

Queen Pool and extension of the Pearl-Queen Pool.

(9) That there is need for the extension of the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, to thereby include the Queen formation underlying Unit E of Section 9, Unit E of Section 14, and Unit E of Section 15 only, all in Township 17 South, Range 28 East.

(10) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Jackson-Abo Pool, the East Millman Queen-Grayburg Pool, the East Millman-Seven Rivers Pool, the Red Lake (Grayburg-San Andres) Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the North Bagley-Wolfcamp Pool, the Lane-Pennsylvanian Pool, the Lusk-Strawn Pool, the Oil Center-Blinbry Pool, and the Vacuum-Abo Reef Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 14 SOUTH, RANGE 35 EAST, NMPM
Section 17: NE/4

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
Section 23: SW/4

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

TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM
Section 30: All

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

-4-

Case No. 2832

Order No. R-2507

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 1: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 26: NE/4

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

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 20: NE/4

(g) That the West Pearl-Queen Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 25: SW/4
Section 36: W/2

is hereby abolished.

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 25: SW/4
Section 36: W/2

(i) That the North Bagley-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 23: SW/4

(j) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 28: S/2 SE/4

-5-

Case No. 2832

Order No. R-2507

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 22: NW/4 SE/4

(l) That the Lane-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 23: NE/4
Section 24: W/2
Section 25: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 30: NW/4

(n) That the East Millman Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 24: NW/4

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 6: SW/4
Section 7: NW/4 and N/2 SW/4

(o) That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 22: SE/4 NE/4 and N/2 NE/4
Section 23: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 4: Lots 2 and 7
Section 5: Lots 1 and 2
Section 9: NE/4

-6-

Case No. 2832
Order No. R-2507

(q) That the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 16: NE/4

Further extend the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, to include the Queen formation underlying Unit H of Section 9 and Unit E of Sections 14 and 15, all in Township 17 South, Range 28 East.

(r) That the Vacuum-Abo Reef Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
Section 26: NW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
Section 12: N/2 NE/4 and NW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
Section 6: SE/4 NE/4

(s) That the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
Section 20: W/2
Section 29: W/2 and SE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, change of vertical limits, and extensions included herein shall be July 1, 1963.

-7-

Case No. 2832

Order No. R-2507

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell

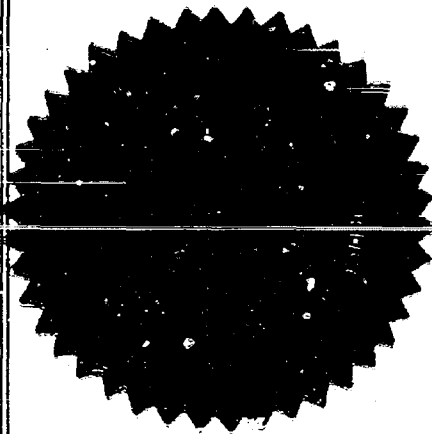
JACK M. CAMPBELL, Chairman

E. S. Walker

E. S. WALKER, Member

A. L. Porter, Jr.

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



199/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 2832
ORDER NO. R- 85-07

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 19, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this _____ day of June, 1963, 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 subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Estacado-Pennsylvanian Pool. Said Estacado-Pennsylvanian Pool was discovered by Union Oil Company of California, State No. 1-17, located in ~~the~~ Unit A of Section 17, Township 14 South, Range 35 East, NMPM. It was completed in Pennsylvanian on April 16, 1963. The top of perforations is 11,478 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of High Plains-Pennsylvanian Pool. Said High Plains-Pennsylvanian Pool was discovered by Texas Crude Oil Company and Sinclair Oil & Gas Company, State No. 1-23, located in ~~the~~ Unit M of Section 23, Township 14 South, Range 34 East, NMPM. It was completed in Pennsylvanian on April 10, 1963. The top of perforations is 10,463 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Strawn (Pennsylvanian) formation, said pool to bear the designation of Hope-Strawn Gas Pool. Said Hope-Strawn Gas Pool was discovered by Sunray DX Oil Company, New Mexico State ~~AA~~ No. 1, located in ~~the~~ Unit K of Section 30, Township 18 South, Range 23 East, NMPM. It was completed in Strawn (Pennsylvanian) on January 12, 1963. The top of perforations is 7326 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Glorieta formation, said pool to bear the designation of North Justis-Glorieta Pool. Said North Justis-Glorieta Pool was discovered by Westates Petroleum Company, Carlson B-1 No. 2, located in ~~the~~ Unit E of Section 1, Township 25 South, Range 37 East, NMPM. It was completed in Glorieta on March 13, 1963. The top of perforations is 4900 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Vacuum-Pennsylvanian Pool. Said Vacuum-Pennsylvanian Pool was discovered by Socony Mobil Oil Company, Inc., State Bridges No. 96, located in ~~the~~ Unit H of Section 26, Township 17 South, Range 34 East, NMPM. It was completed in Pennsylvanian on March 3, 1963. The top of perforations is 11,372 feet.

(7) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the San Andres formation, said pool

to bear the designation of West Milnesand-San Andres Pool. Said West Milnesand-San Andres Pool was discovered by Cactus Drilling Company, Bolles No. 1, located in ~~the~~ Unit H of Section 20, Township 8 South, Range 34 East, NMPM. It was completed in San Andres on April 22, 1963. The top of perforations is 4554 feet.

(8) That there is need for the consolidation of the West Pearl-Queen Pool and the Pearl-Queen Pool, Lea County, New Mexico, inasmuch as the pools produce from the same formations, said consolidation to be accomplished by the ~~consolidation~~ abolishment of the West Pearl-Queen Pool and extension of the Pearl-Queen Pool.

(9) (10) That there is need for certain extensions to the North Benson-Queen Grayburg Pool, the Jackson-Abo Pool, the East Millman-Queen Grayburg Pool, the East Millman-Seven Rivers Pool, the Red Lake-Grayburg-San Andres Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the North Bagley-Wolfcamp Pool, the Lane-Pennsylvanian Pool, the Lusk-Strawn Pool, the Gil Center-Blinberry Pool, the ~~Pearl-Queen~~ Pool, and the Vacuum-Abo Reef Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

✓ TOWNSHIP 14 SOUTH, RANGE 35 EAST, NMPM
SECTION 17: NE/4

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

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 23: SW/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM
SECTION 30: All

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

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 1: NW/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 26: NE/4

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

✓ TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 20: NE/4

(g) That the West Pearl-Queen Pool in Lea County, New Mexico, consisting of the following described area:

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4
SECTION 36: W/2

is hereby abolished.

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

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4
SECTION 36: W/2

(i) That the North Bagley-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 23: SW/4

(j) That the North Benson/Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 28: S/2 SE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 22: NW/4 SE/4

(l) That the Lane-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 23: NE/4
SECTION 24: W/2
SECTION 25: NW/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 30: NW/4

(n) That the East Millman/Queen-Crayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: NW/4

✓ TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
SECTION 6: SW/4
SECTION 7: NW/4 and N/2 SW/4

(o) That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 22: SE/4 NE/4 and N/2 NE/4
SECTION 23: NW/4

(p) That the Oil Center-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
SECTION 4: Lots 2 and 7
SECTION 5: Lots 1 and 2
SECTION 9: NE/4

(q) That the Red Lake/Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 16: W/2 NE/4 and E/2 NE/4 NE/4

CASE NO. 2832

ORDER NO. _____

Further extend the vertical limits of the Red Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, to include the Queen formation underlying Unit H of Section 9 and Unit E of Sections 14 and 15, all in Township 17 South, Range 28 East, ~~including the pool name as Red Lake (Grayburg-San Andres) Pool.~~

(r) That the Vacuum-Abo Reef Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 26: NW/4

✓ TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 12: N/2 NE/4 and NW/4 SW/4

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 6: SE/4 NE/4

(s) That the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
SECTION 20: W/2
SECTION 29: W/2 and SE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, change of vertical limits, ~~change of pool names~~, and extensions included herein shall be July 1, 1963.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. Walker, Member

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

S E A L