

Case No.

490

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Application, Transcript,  
Small Exhibits, Etc.

CASE 490: SOUTHEASTERN NEW MEXICO  
NOMINATURE CASE  
(Hearing February 17 1953)

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

TRANSCRIPT OF HEARING

CASE NO. 490

February 17, 1953

E. E. GREESON  
ADA DEARNLEY  
COURT REPORTERS  
BOX 1303  
PHONES 5-9422 AND 5-9546  
ALBUQUERQUE, NEW MEXICO

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

February 17, 1953

In the Matter of:

Southeastern New Mexico nomenclature case,  
involving creations of new pools or extensions  
of existing pools, as follows:

No. 490

(a) Creation of Eidson-Pennsylvanian  
Pool as an oil pool for Pennsylvanian  
production and including all of Sec. 18,  
Twp. 16 S, Rge. 35 E, NMPM.

(b) Creation of Lovington-Wolfcamp Pool  
as an oil pool for Wolfcamp production  
and including S/2 Sec. 23, N/2 Sec. 26,  
Twp. 16 S, Rge. 36 E, NMPM.

(c) Creation of Glenn-Castile Pool as an  
oil pool for Castile Production and in-  
cluding all Sec. 29, Twp. 26 S, Rge. 27 E,  
NMPM.

(d) Extension of Corbin Pool in Lea County  
to include E/2 Sec. 32, Twp. 17 S, Rge. 33 E,  
NMPM.

(e) Extension of Cross-roads-Pennsylvanian  
Pool to include N/2 and SW/4 Sec. 20, Twp.  
9 S, Rge. 36 E, NMPM.

(f) Extension of Denton-Wolfcamp Pool in  
Lea County to include Sec. 23, Twp. 15 S, Rge. 37  
E, NMPM.

(g) Extension of Lovington-Abo Pool in Lea  
County to include SE/4 Sec. 35, Twp. 16 S,  
Rge. 36 E, NMPM.

(h) Extension of Mescalero-Devonian Pool  
in Lea County to include NE/4 Sec. 27, Twp. 10  
S, Rge. 32 E, N.MPM.

ADA DEARNLEY & ASSOCIATES  
COURT REPORTERS  
ROOM 105-106, EL CORTEZ BLDG.  
PHONES 7-9645 AND 5-9546  
ALBUQUERQUE, NEW MEXICO

(i) Extension of Terry-Blinebry Pool in Lea County to include Lots 15 and 16, Se/4 Sec. 1, Twp. 21 S, Rge. 37 E, NMPM.

(j) Extension of Tulk-Wolfcamp Pool in Lea County to include N/2 Sec. 10, Twp. 15 S, Rge. 32 E, NMPM.

(k) Extension of North Shugart Pool in Eddy County, to include S/2 Sec. 14, Twp. 18 S, Rge. 31 E, NMPM.

(l) Extension of the Saunders Pool in Lea County to include NW/4 Sec. 4, Twp. 15 S, Rge. 33 E, NMPM.

(m) Extension of West Dollarhide-Queen Pool in Lea County to include S/2 Sec. 32, Twp. 24 S, Rge. 38 E, NMPM; and N/2 Sec. 5, Twp. 25 S, Rge. 38 E, NPMP.

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TRANSCRIPT OF HEARING

(Notice of Publication read by Mr. Graham.)

S T A N L E Y   J O H N   S T A N L E Y,

having been first duly sworn, testified as follows:

DIRECT EXAMINATION

By MR. GRAHAM:

Q State your name for the record, please.

A Mr. Stanley John Stanley, oil and gas engineer for the Oil Conservation Commission, New Mexico.

Q In your capacity as engineer for the Commission, you made a study of the proposed new pools and proposed extensions to the existing pools as advertised in case No. 490?

A I have.

Q What are your recommendations?

A I recommend all pools be created and extended as advertised with the exception, however, of paragraph (l) and para-

ADA DEARNLEY & ASSOCIATES  
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PHONES 7-9645 AND 5-9546  
ALBUQUERQUE, NEW MEXICO

graph (m) of case 490, which has reference to the extension of the Saunders Pool, Sanders Pool, in paragraph (l), and West Dollarhide Queen Pool in paragraph (m). It is recommended that the Sanders Pool be extended to include the East half of Section 33, Township 14 South, Range 33 East. In addition to the advertised extension of the Northwest quarter of Section 4, Township 15 South, Range 33 East. This exception is for the purpose of including Amerada Petroleum Corporation, Stevens No. 1 Unit B, which was completed after this case was advertised. In the exception of paragraph (m), case 490, which relates to the West Dollarhide Queen Pool, it is recommended that this pool be extended to include the South half of Section 32, Township 24 South, Range 38 East and all of Section 5, Township 25 South, Range 38 East. This exception is for the purpose of including Culvertson-Irwin Texas Penny No. 1, Unit K, which was completed after this case was advertised.

Q Mr. Stanley, for the record, will you please give the name, location and depth to the top perforation, or depth to the casing shoe of the discovery well in each of the proposed new pools.

A Case 490: (a) Designated pool name as Eidson—Pennsylvania, producing formation is the Pennsylvania discovery well, Skelly Oil Company. Texas Company R. No. 1, unit (a), Section 18, Township 16 South, Range 35 East, top to perforation, 10,705 feet. In case 490 (b), designated pool name Lovington-Wolfcamp Pool, discovery well, Shell Oil Company state CA No. 1, Unit O, Section 23, Township 16 South, Range 36 East, discovery date December 12, 1952, top perforation 10,148 feet. Case 490 (c),

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designated pool name Glenn-Castile Pool, producing formation Castile discovery well, Bug Jones Drilling Company, Gates Federal Lease No. 1, Unit J, Section 29, Township 26 South, Range 27 East, discovery date July 28, 1952, top of perforation 876 feet.

Q Do you have certain exhibits to be introduced for the purpose of the record?

A Yes, sir. For the record, I would like to submit plats describing the creation of new pools and extensions of existing pools in support of my recommendation.

MR. MACEY: Does anyone have an objection to introduction of these exhibits? If not, they will be received. Any questions of the witness, any comments in the case? If not, the witness is excused.

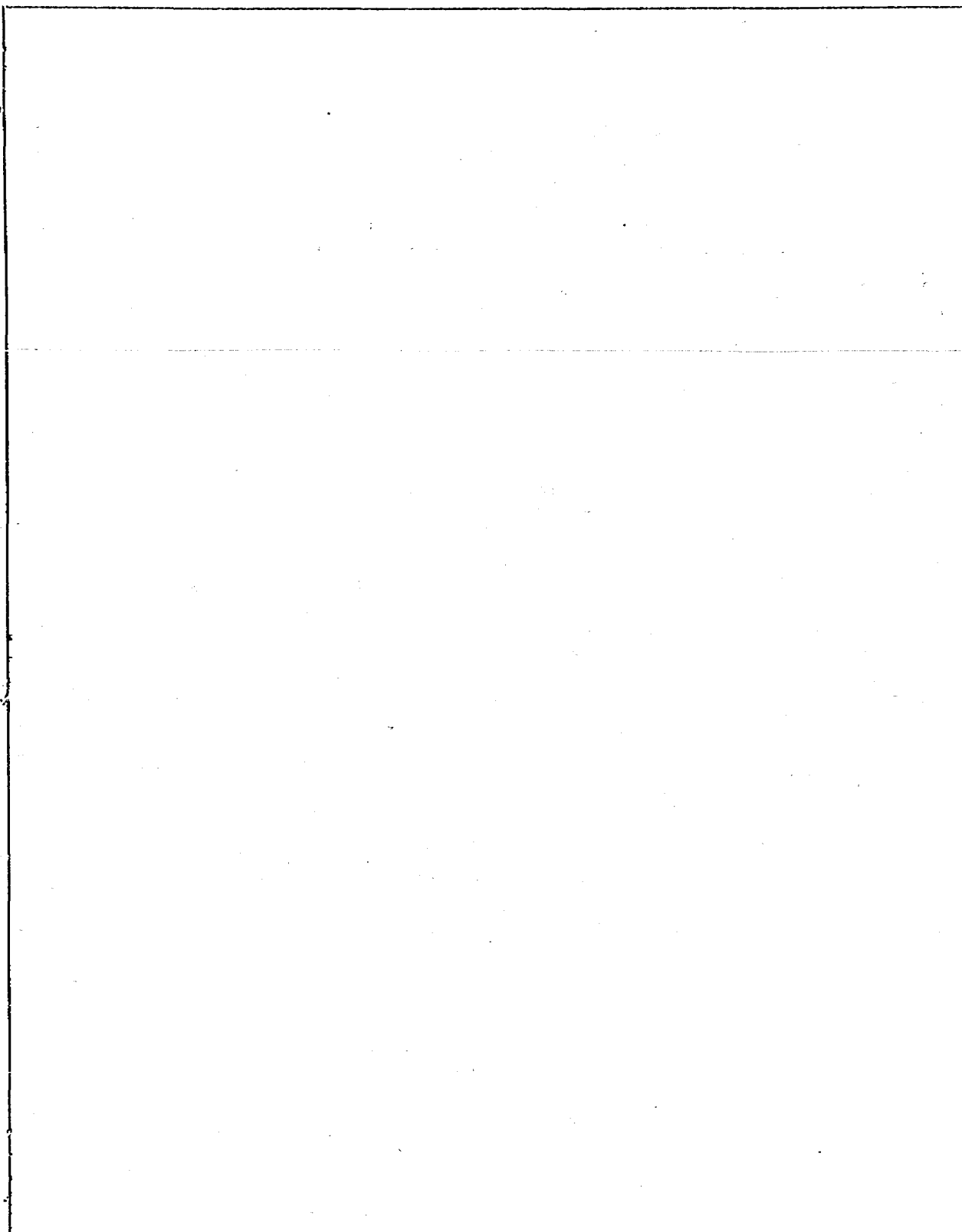
STATE OF NEW MEXICO        )  
COUNTY OF BERNALILLO    ) ss.

I HEREBY CERTIFY that the foregoing and attached transcript of hearing in case No. 490, before the Oil Conservation Commission, State of New Mexico, at Santa Fe, on February 17, 1953, is a true and correct record of the same to the best of my knowledge, skill and ability.

DATED at Albuquerque, New Mexico this 25th day of February, 1953.

  
REPORTER

ADA DEARNLEY & ASSOCIATES  
COURT REPORTERS  
ROOM 105-106, EL CORTEZ BLDG.  
PHONES 7-9645 AND 5-9546  
ALBUQUERQUE, NEW MEXICO



E. E. GREESON  
ADA DEARNLEY  
COURT REPORTERS  
BOX 1302  
PHONES 5-9422 AND 5-9546  
ALBUQUERQUE, NEW MEXICO

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 490  
Order No. R-286

IN THE MATTER OF THE APPLICATION  
OF THE OIL CONSERVATION COMMISSION  
OF NEW MEXICO UPON ITS OWN MOTION  
FOR AN ORDER FOR THE EXTENSION OF  
EXISTING POOLS OR CREATION OF NEW  
POOLS IN LEA AND EDDY COUNTIES, NEW  
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. , February 17, 1953, at Santa Fe, New Mexico before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 10th day of March 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That a new pool should be created, in Lea County, New Mexico, classified as an oil pool, for Pennsylvanian production, designated as Edison-Pennsylvanian, and described as:

Township 16 S, Range 35 E, NMPM  
All of Section 18

(3) That a new pool should be created, in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, designated as the Lovington-Wolfcamp Pool and described as:

Township 16 S, Range 36 E, NMPM  
S/2 Sec. 23; N/2 Sec. 26.

(4) That a new pool should be created, in Eddy County, New Mexico, classified as an oil pool for Castile production, designated as the Glenn-Castile pool and described as:

Township 26 S, Range 27 E, NMPM  
All Section 29.

(5) That the Corbin pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 17 S, Range 33 E, NMPM  
E/2 Section 32.



(6) That the Crossroads-Pennsylvanian pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 9 S, Range 36 E, NMPM  
N/2 and SW/4 of Section 20.

(7) That the Denton-Wolfcamp pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 15 S, Range 37 E, NMPM  
E/2 Section 3.

(8) That the Lovington-Abo pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 16 S, Range 36 E, NMPM  
SE/4 Section 35.

(9) That the Mescalero-Devonian pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 10 S, Range 32 E, NMPM  
NE/4 Section 27.

(10) That the Terry-Blinebry pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 21 S, Range 37 E, NMPM  
Lots 15 and 16 and SE/4 Sec. 1.

(11) That the Tulk-Wolfcamp pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 15 S, Range 32 E, NMPM  
N/2 Section 10

(12) That the North Shugart pool boundary in Eddy County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 18 S, Range 31 E, NMPM  
S/2 Section 14.

(13) That the Saunders pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 14 S, Range 33 E, NMPM  
E/2 Section 33

Township 15 S, Range 33 E, NMPM  
NW/4 Section 4.

(14) That the West Dollarhide-Queen pool boundary in Lea County, New Mexico, as heretofore classified, defined and described, should be extended to include therein:

Township 24 S, Range 38 E, NMPM  
S/2 Sec. 32.

Township 25 S, Range 38 E, NMPM  
All of Sec. 5.

IT IS THEREFORE ORDERED:

That the application of the Oil Conservation Commission, be, and the same hereby is approved as follows:

(1) That a new pool, be, and the same hereby is created, designated for oil production, denominated the Edison -Pennsylvanian Pool, Lea County, New Mexico, and described as follows:

Township 16 South, Range 35 East, NMPM  
All of Section 18.

(2) That a new pool, be, and the same hereby is created, designated for oil production, denominated the Lovington-Wolfcamp Pool, Lea County, New Mexico, and described as follows:

Township 16 S, Range 36 E, NMPM  
S/2 Section 23; N/2 Section 26.

(3) That a new pool, be, and the same hereby is created, designated for oil production, denominated the Glenn-Castile Pool, Eddy County, New Mexico, and described as follows:

Township 26 S, Range 27 E, NMPM  
All of Section 29.

(4) That the boundaries of the Corbin Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 17 S, Range 33 E, NMPM  
E/2 Section 32.

(5) That the boundaries of the Crossroads-Pennsylvanian Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 9 S, Range 36 E, NMPM  
N/2 & SW/4 of Section 20.

(6) That the boundaries of the Denton-Wolfcamp Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 15 S, Range 37 E, NMPM  
E/2 Section 3.

(7) That the boundaries of the Lovington-Abo Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

-4-  
Case No. 490  
Order No. R-286

Township 16 S, Range 36 E, NMPM  
SE/4 Section 35

(8) That the boundaries of the Mescalero-Devonian Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 10 S, Range 32 E, NMPM  
NE/4 Section 27.

(9) That the boundaries of the Terry-Blinebry Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 21 S, Range 37 E, NMPM  
Lots 15 and 16, and SE/4 of Section 1.

(10) That the boundaries of the Tulk Wolfcamp Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 15 S, Range 32 E, NMPM  
N/2 Section 10

(11) That the boundaries of the Saunders Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 14 S, Range 33 E, NMPM  
E/2 Section 33

Township 15 S, Range 33 E, NMPM  
NW/4 Section 4.

(12) That the boundaries of the North Shugart Pool, Eddy County, New Mexico, be, and the same hereby are extended to include:

Township 18 S, Range 31 E, NMPM  
S/2 Section 14

(13) That the boundaries of the West Dollarhide-Queen Pool, Lea County, New Mexico, be, and the same hereby are extended to include:

Township 24 S, Range 38 E, NMPM  
S/2 Section 32

Township 25 S, Range 38 E, NMPM  
All of Section 5

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*E. L. Mechem*  
EDWIN L. MECHEM, Chairman

*E. S. Walker*  
E. S. WALKER, Member

*R. R. Spurrier*  
R. R. SPURRIER, Secretary

S E A L

New Mexico  
OIL CONSERVATION COMMISSION

GOVERNOR EDWIN L. MECHEM  
CHAIRMAN  
LAND COMMISSIONER GUY SHEPARD  
MEMBER  
STATE GEOLOGIST R. R. SPURRIER  
SECRETARY AND DIRECTOR



P. O. BOX 1545  
HOBBS, NEW MEXICO

The attached plats are submitted in support of my  
recommendations on Case Number 490.  
Existing pool boundaries are outlined in Red.  
Proposed New Pools and proposed extensions to  
existing pools are outlined in green.

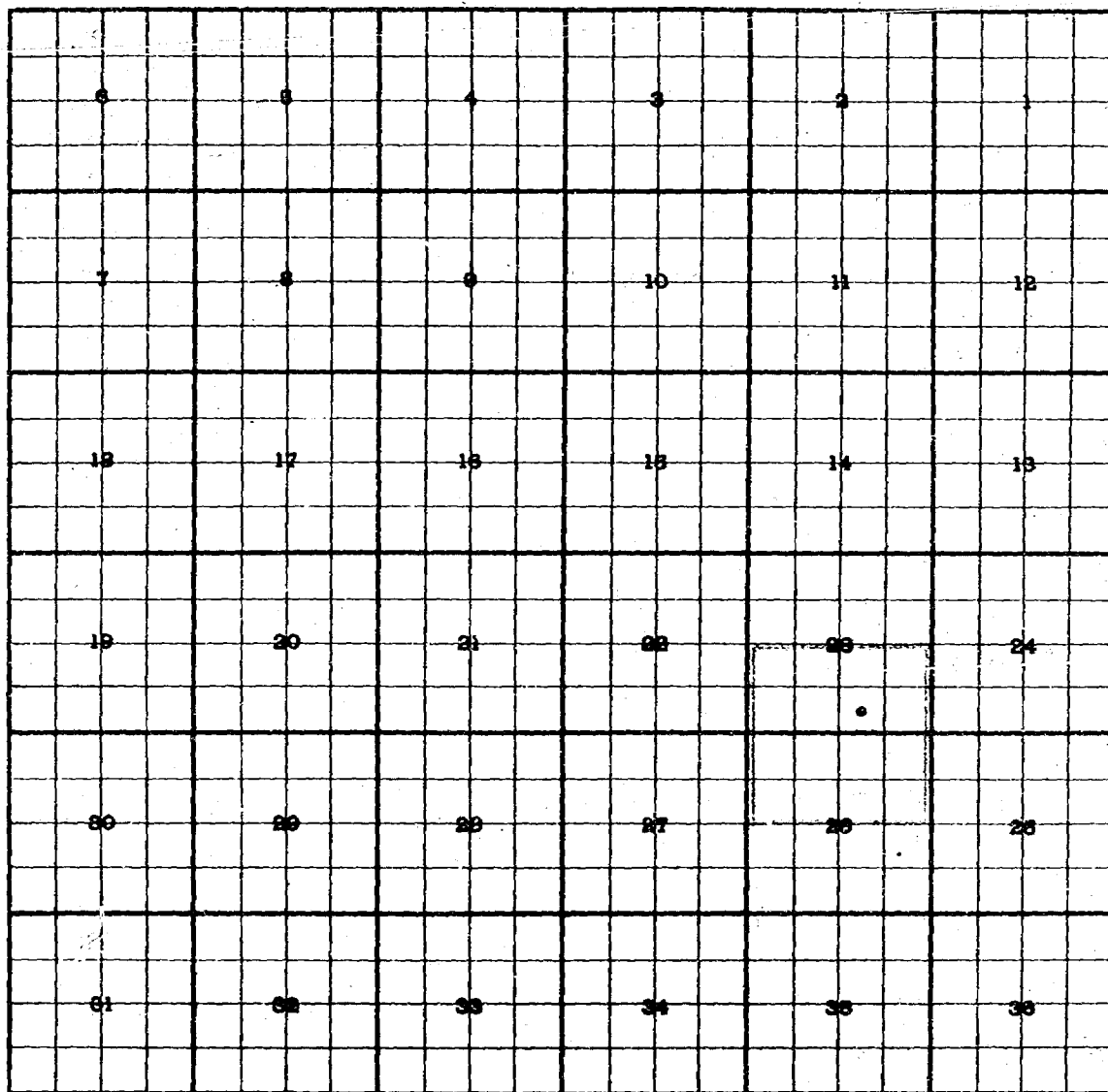
  
S. J. Stanley

Case 490 (b)

County Lisa

Pool Lovington-Wolfcamp

TOWNSHIP 16 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Wolfcamp, D.R. 10-11, Top Perf. 10, 148

Description: 5/2 Sec. 23, N/2 Sec 26, T16S, R36E

Discovery Well: Shell Oil Co., State "CA" 1-0, Dec. 12, 1952  
Sec 23 - T16S - R36E

490 (a)

County Lea

Pool Eidson-Pennsylvanian

TOWNSHIP 16 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Producing Formation: Pennsylvanian. D.R. 10-11. Top perf 10,705

Description: All Sec. 18, T16S, R35E

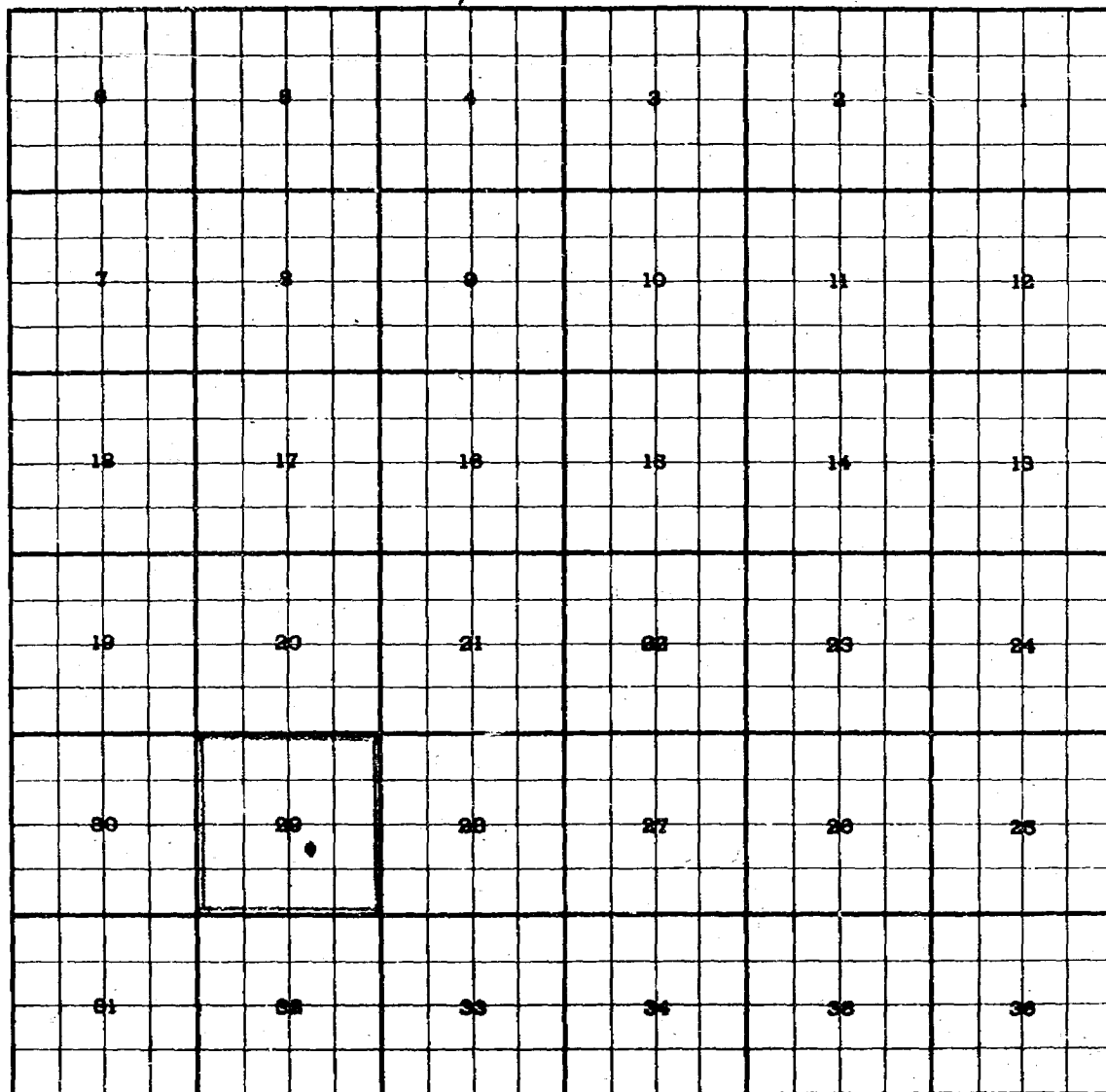
Discovery Well: Stelly Oil Co, Mexico R., 1-A, Jan. 8, 1953  
Sec 18, T16S, R35E

Case 490(c)

County Eddy

Pool Glenn Castile

TOWNSHIP 26 South, RANGE 27 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Castile, R-R. 0-5, Top perf. 876

Description: All Sec. 29, T26S - R27E

Discovery Well: Buck Jones Drilling Co., Gates (Federal)

#1-J, Sec 29, T26S, R27E, July 28-1952



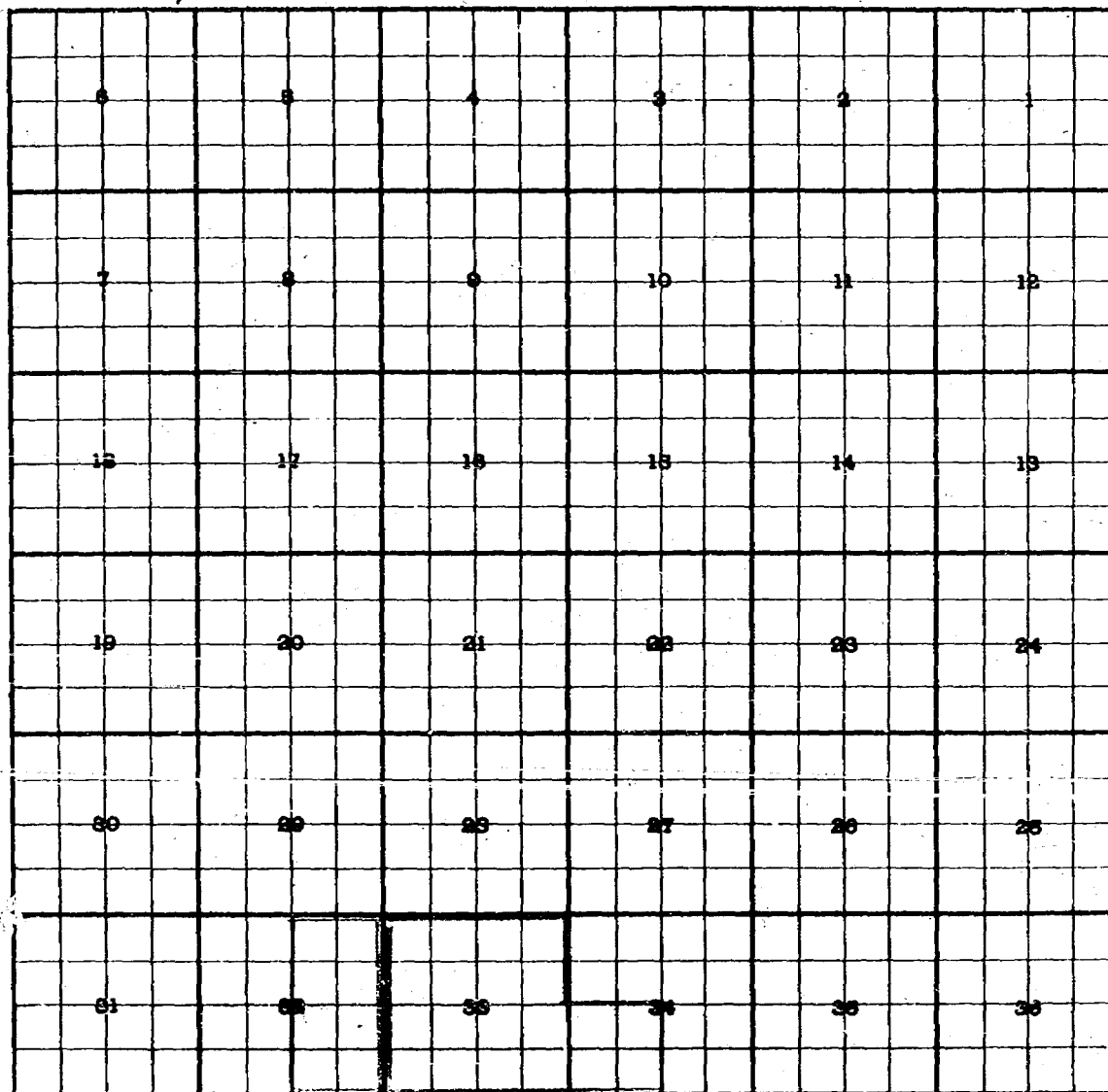


Case 490(d)

County Lisa

Pool Corbin (Cont'd.)

TOWNSHIP 17 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Queens D.R. 0-5

Proposed Extension: E/2 Sec. 32

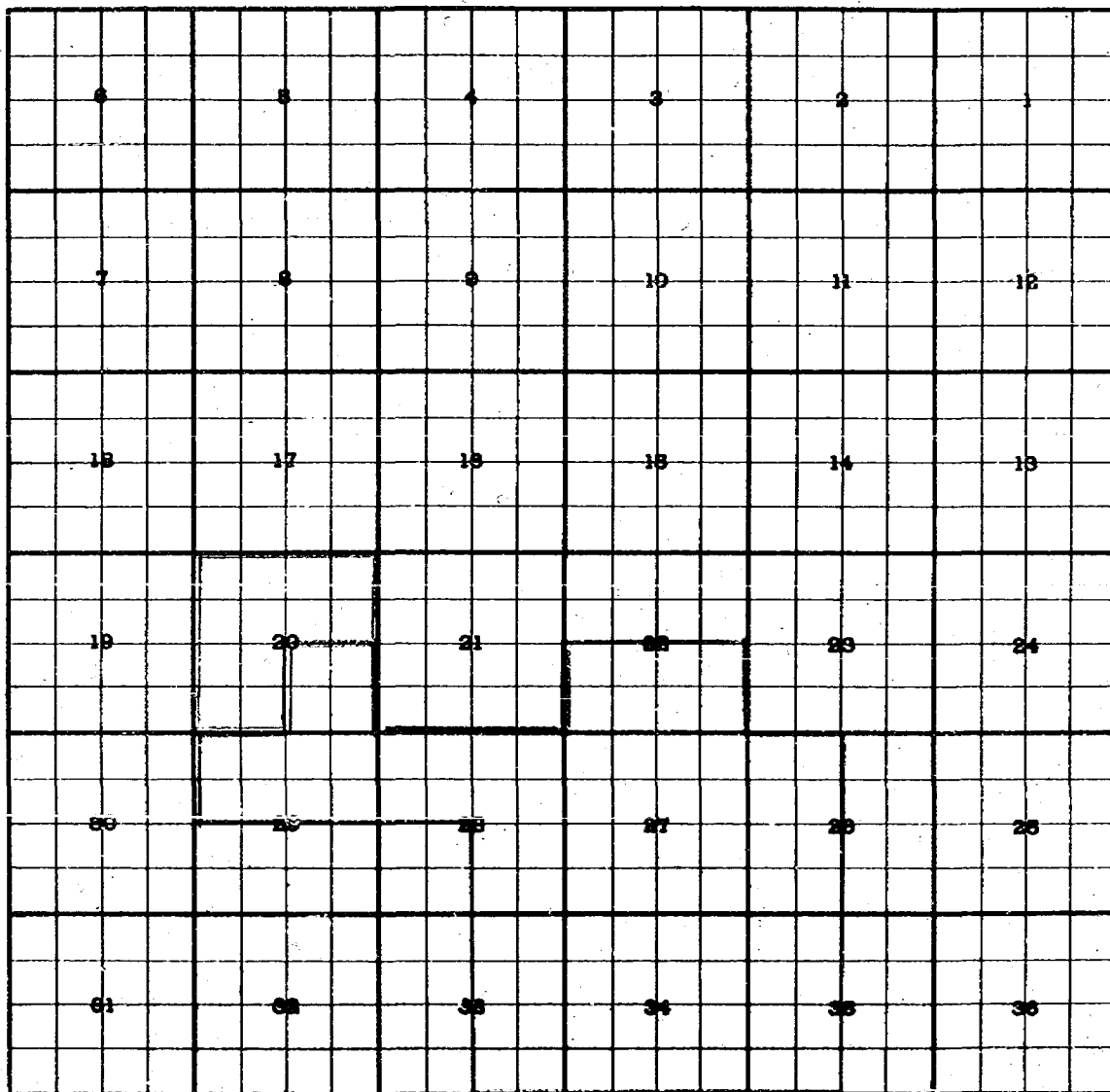
Purpose: To include Carper Drilling Co., Carper State "A"  
#3-L, Sec 32, T17S, R33E.

Case 490(e)

County Lea

Pool Crossroads-Pennsylvanian

TOWNSHIP 9 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Pennsylvanian, D.R. 9-10

Proposed Extension: N/2 and SW/4 Sec. 20

Purpose: To include Magnolia Petroleum Co., Santa Fe "F" #1-N  
Sec. 20, T9S, R36E





Case 490 (q)

County Lea Pool Lovington-ABO

TOWNSHIP 16 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Producing Formation: ABO, D.P. 8-9

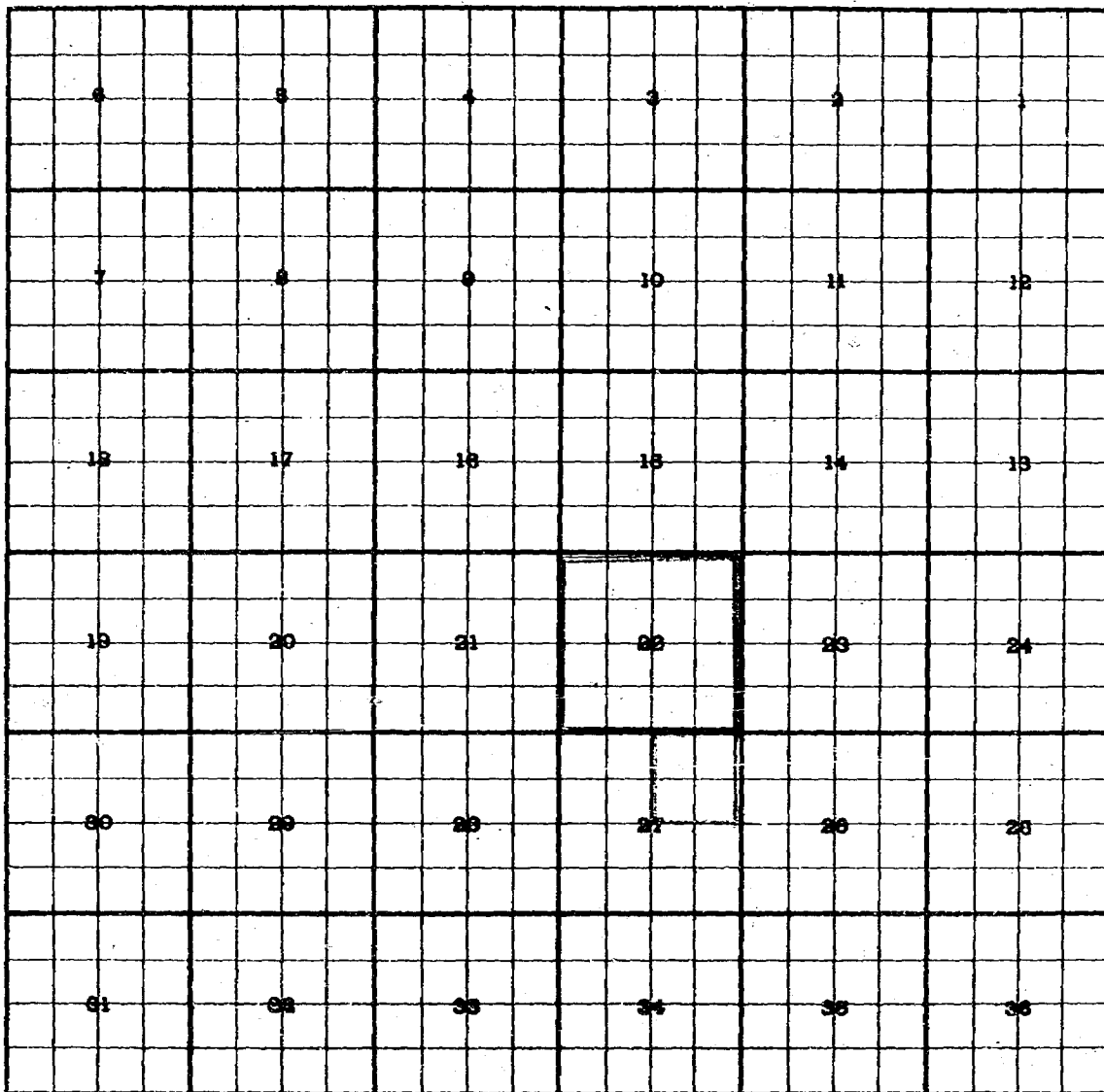
Proposed Extension: SE 1/4 Sec. 35

Purpose: To include Skelly Oil Co, State "S", 2-P, Sec. 35  
T16S, R36E

Case 490 (h)

County Lea Pool Mescalero - Devonian

TOWNSHIP 10 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN



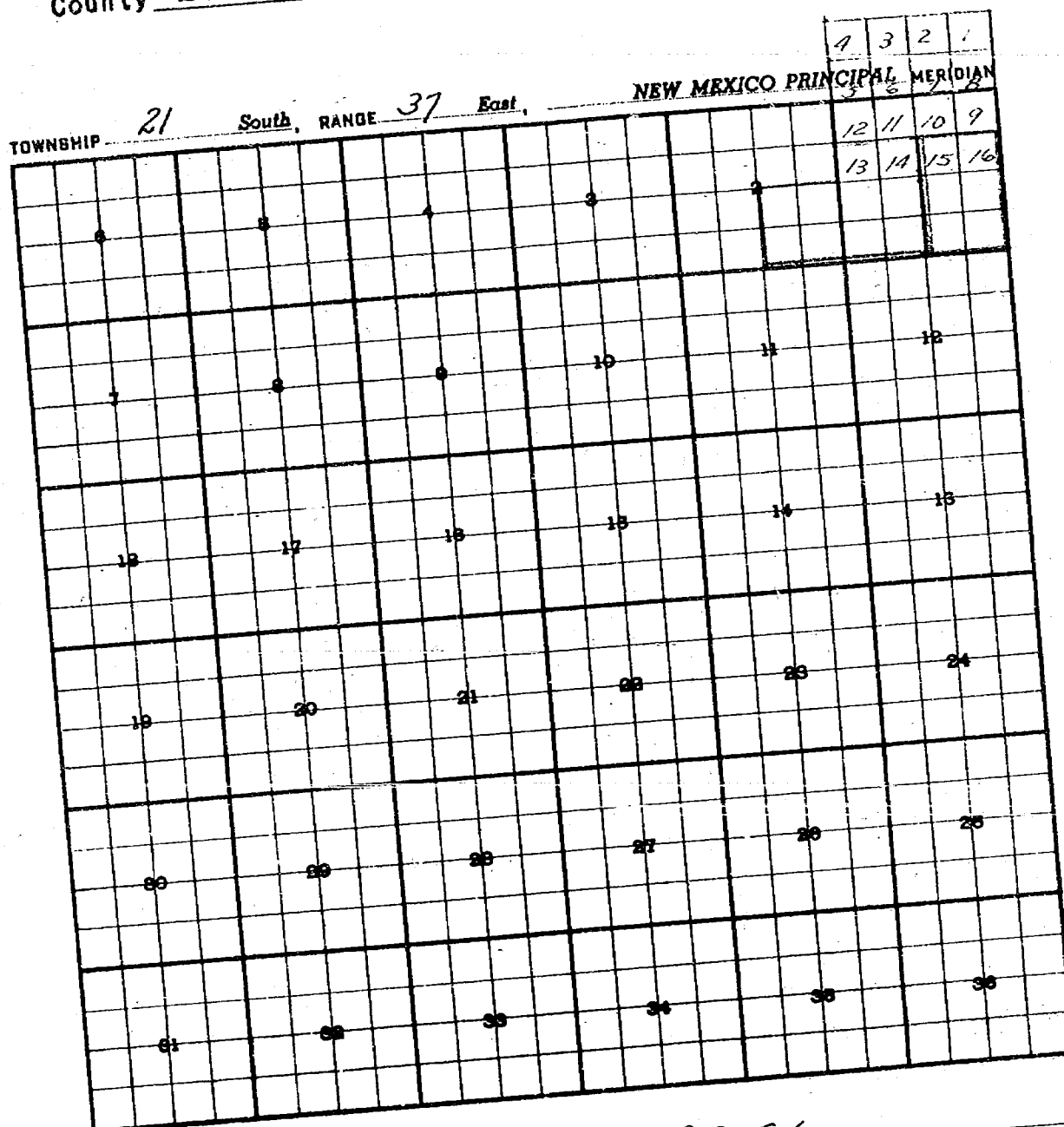
Producing Formation: Devonian D.R. 9-10

Proposed Extension: NE 1/4 Sec. 21

Purpose: To include Magnolia Petroleum Co., New Mexico "B"  
1-B, Sec. 21, T10S, R32E.

Case 490 (i)

County Lea Pool Terry - Blinebry



Producing Formation: Blinebry D.R. 5-6

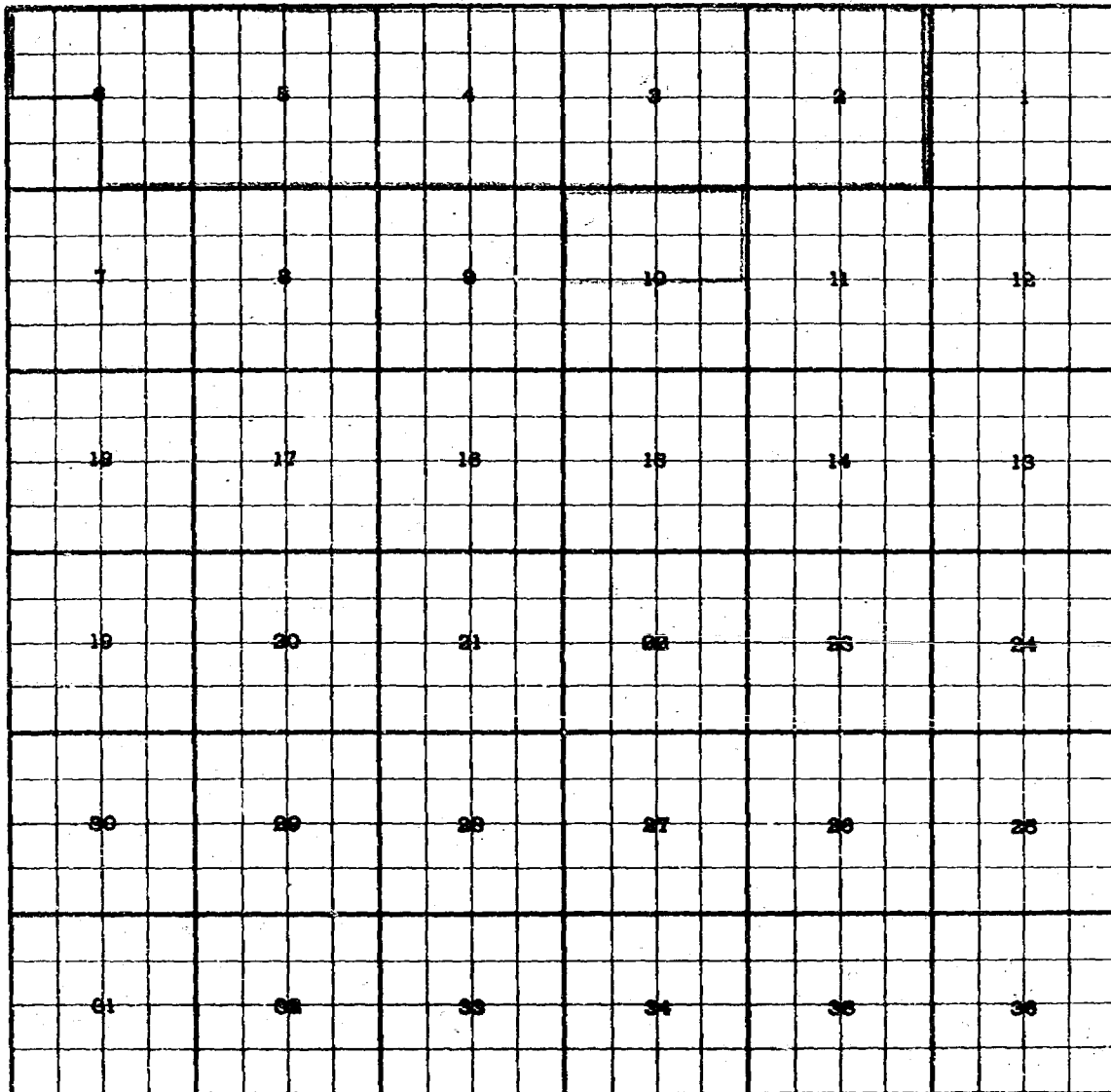
Proposed Extension: Lots 15 & 16 and SE 1/4 Sec 1

Purpose: To include Humble Oil & Ref. Co., Federal Terry #2-0  
Sec 1, T-21S, R-37E

Case 490(j)

County Lea Pool Tulkr-Wolfcamp (Cont'd)

TOWNSHIP 15 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

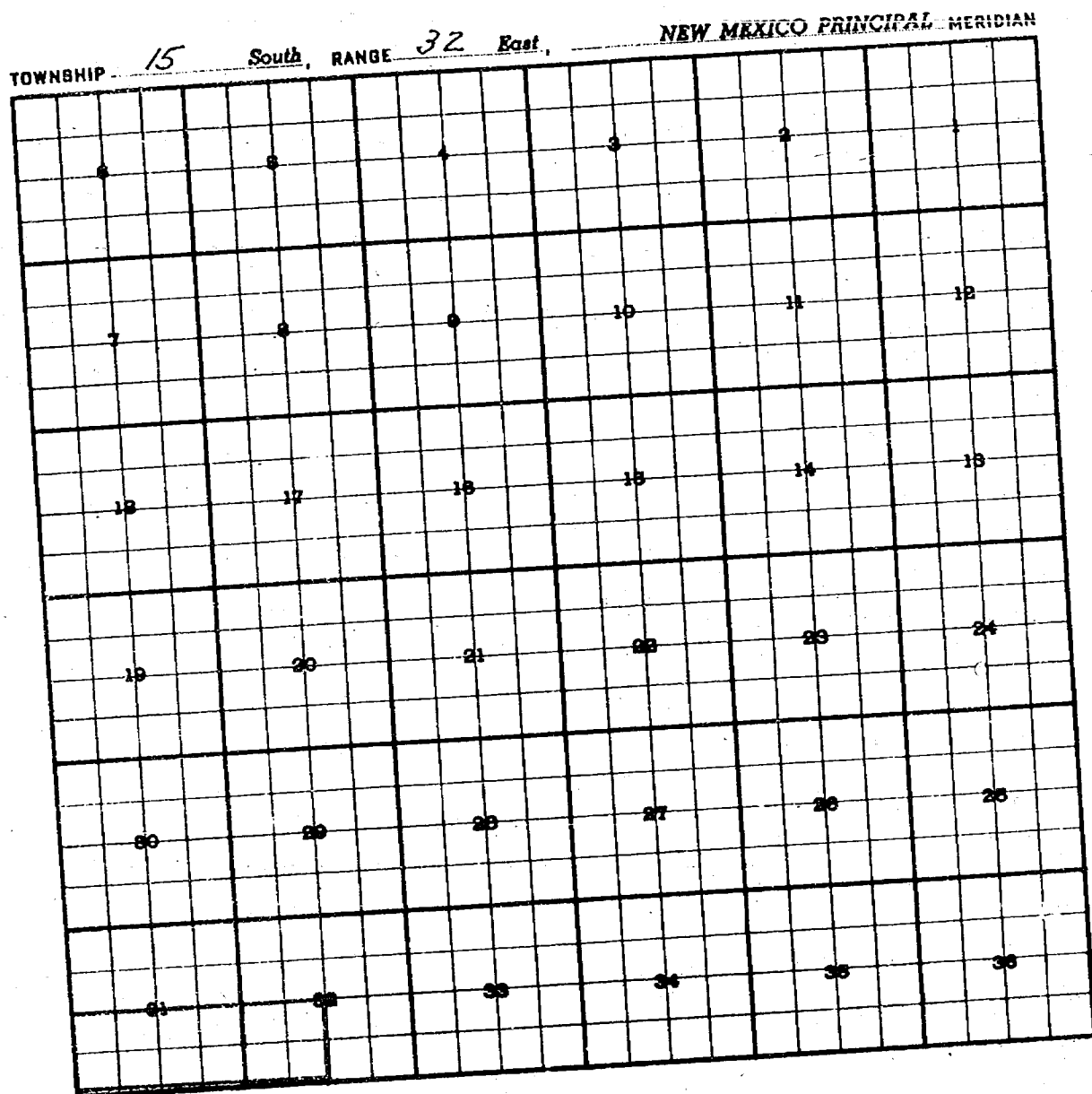


Producing Formation: Wolfcamp D.R. 9-10  
Proposed Extension: N/2 Sec 10  
Purpose: To include Texas Co, State of New Mexico "BS" #1-B  
Sec 10 T15S R32E



Case 490(j)

County Lea Pool Talk-Wolfcamp (Cont'd)

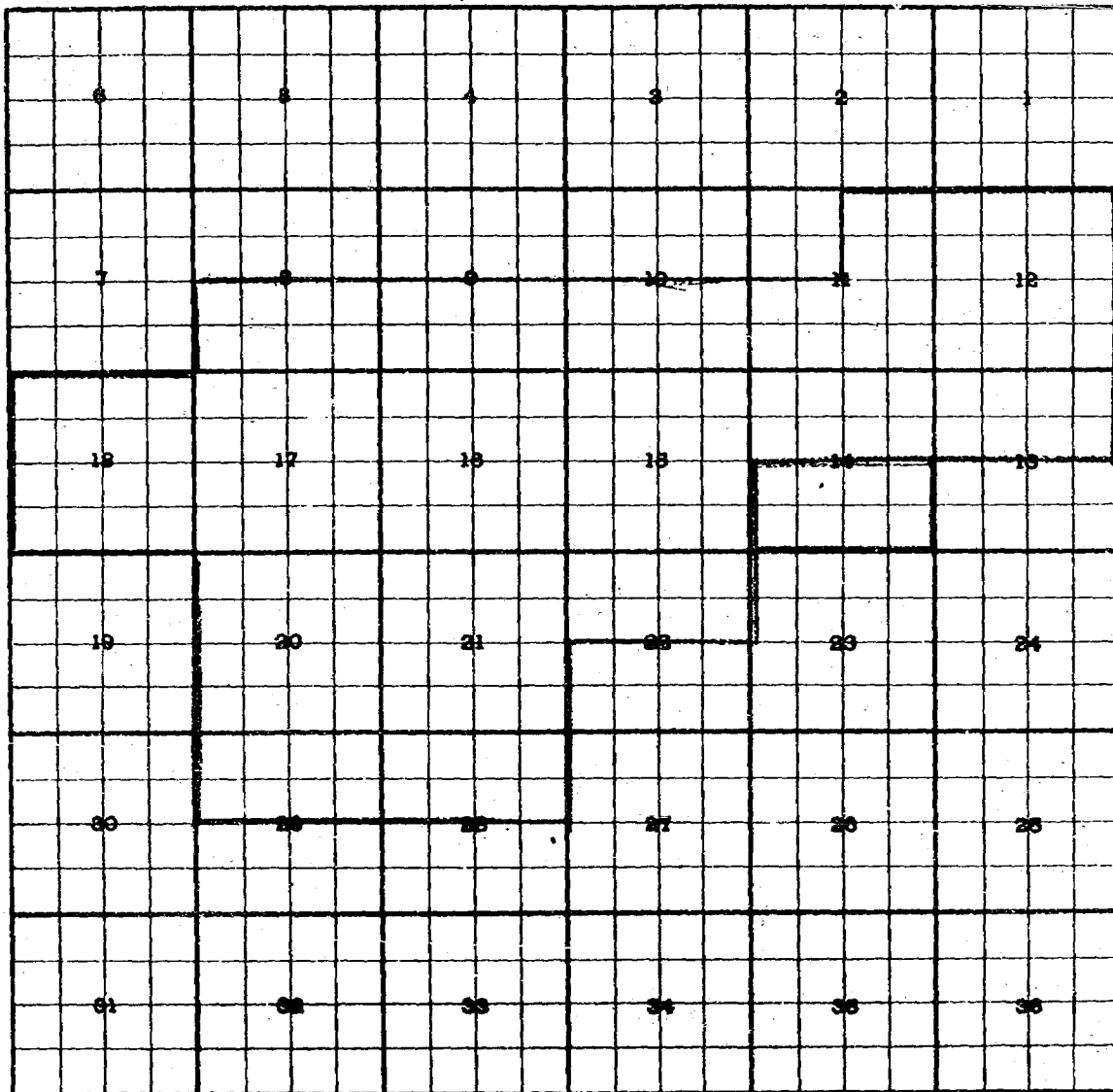


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Case 490 (K)

County Eddy Pool North Shugart

TOWNSHIP 18 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Queen D.R. 0-5

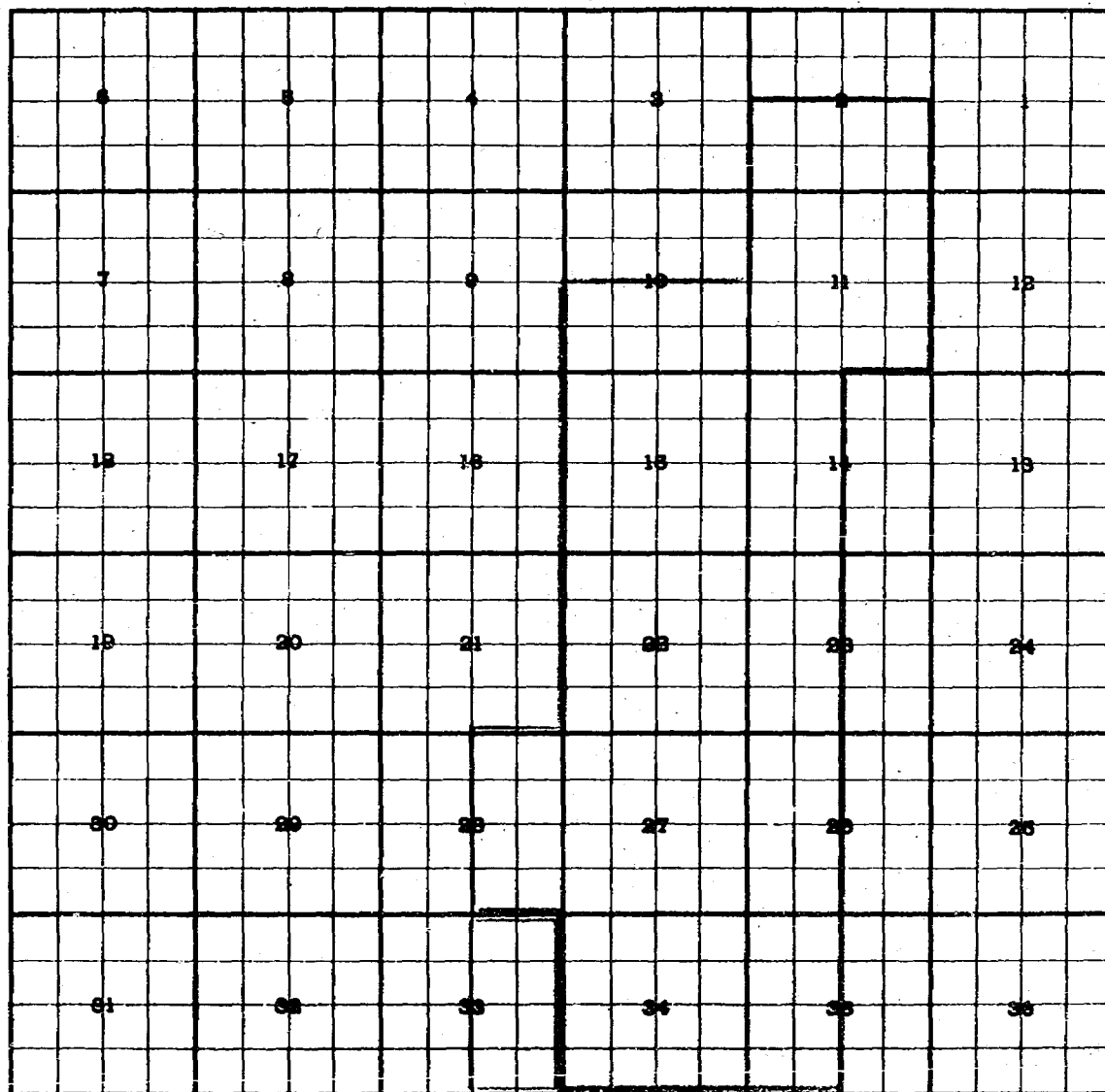
Proposed Extension: 1/2 Sec. 14

Purpose: To include Bob Johnson, Swearingen "B", #1-K  
Sec. 14, T18S, R31E.

Case 490(L)

County Lea Pool Saunders

TOWNSHIP 14 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



Producing Formation: Permo-Pe

Proposed Extension: E/2 Sec. 33, T14S, R33E

Purpose: To include Amerada Petroleum Corp. Stevens #1-P,  
Sec. 33, T14S, R33E.

New Mexico  
OIL CONSERVATION COMMISSION

GOVERNOR EDWIN L. MECHEM  
CHAIRMAN  
LAND COMMISSIONER GUY SHEPARD  
MEMBER  
STATE GEOLOGIST R. R. SPURRIER  
SECRETARY AND DIRECTOR



P. O. BOX 1548  
HOBBS, NEW MEXICO

(QUESTIONS FOR NOMENCLATURE CASES)

1. Will you please state your name and position.
2. In your capacity as Engineer for the Commission, have you made a study of the proposed new pools and the proposed extensions to existing pools ?
3. What are your recommendations ?
4. Mr. Stanley, for the record will you please give the name, location and depth to the top perforations or depth to the casing shoe, of the discovery well in each of the proposed new pools ?
5. Will you please submit plats in support of your testimony in this case ?

C-123's for February:  
Creations:

✓ (a) Lea - Eidson - Pennsylvania  
16S - 35 East  
all of Section 18  
Skelly - Mexaca R #1 - NENE Sec 18.  
Top of Penforations - 10,705.

(b) Lea - Lovington - Wolfcamp  
16S - 36 East  
S  $\frac{1}{2}$  23, N  $\frac{1}{2}$  26.  
Shell State CA #1 - SWSE Sec 23  
Top of Perfs - 10,178.

(c) Cddy - Glenn Pool  
26S - 27C  
all of Section 29  
Buck Jones Dry Co - Bates Fed #1 - NWSE-29

Extension

(d) Lea - Corbin Pool  
17S - 33  
East half 32  
Cooper Dry Co - Cooper State A - NESE Sec 32.

(e) Lea - Crossroads Pennsylvania  
9S - 36C  
N  $\frac{1}{2}$  and SW  $\frac{1}{4}$  Sec 20  
Magnolia State Fe F #1 - BESW 20

(f) Lea - Denton Wolfcamp  
15S - 37C  
East half Section 3  
Shell Argo #4 NENE Section 3

Feb nomenclature  
(9) Lea - Louington obs  
16S - 36E  
SE/4 Section 35  
shelly State S #2 SESE Section 35

(h) Lea - Mesalena - Devonian  
10 - 32  
NE/4 Sec 27.  
Magnolia State - 1 - NWNE Sec 27

(i) Lea - Terry Bleneburg  
21 - 37.  
Lots 15 & 16 and SE/4 Sec. 1.  
Humble - Terry #7 - Lot 15 - Sec 1

(j) Lea - Tule Wolfcamp  
15 - 32 E  
N/2 Section 10  
Texas Co - State BS - #1 - NWNE Sec 10

(K) Eddy - North Hugant  
18 - 31  
S/2 Section 14  
Johnson #1 Swearingen NWSW Sec 14.

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(L) Lea - ~~Saunders Pool~~  
~~15S - 33E~~  
~~NW/4 Section 4~~  
~~Magnolia Ref. Co No 1 "C" - New Mexico~~

(M) Lea - West Dallas Ind. Area  
shelly #51  
Orehead  
21S - 38E  
S/2 Section 32  
25S - 38E  
N/2 Section 5