

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
September 13, 1961

-----  
IN THE MATTER OF: )

Southeastern New Mexico nomenclature case )  
calling for an order creating new pools and )  
extending existing pools in Eddy, Chaves, )  
Lea and Roosevelt Counties, New Mexico. )  
-----

CASE 2374

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
September 13, 1961

-----  
IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling  
for an order creating new pools and extending  
existing pools in Eddy, Chaves, Lea and  
Roosevelt Counties, New Mexico.

CASE 2374

- (a) Create a new gas pool for Atoka production,  
designated as the North Burton-Atoka Gas  
Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
SECTION 32: NW/4

- (b) Create a new oil pool for Atoka production,  
designated as the Cedar Lake-Atoka Pool,  
and described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM  
SECTION 30: SW/4

- (c) Create a new oil pool for Wolfcamp produc-  
tion designated as the Greenwood-Wolfcamp  
Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
SECTION 27: NE/4

- (d) Create a new gas pool for Queen production,  
designated as the Henshaw-Queen Pool, and  
described as:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM  
SECTION 13: SE/4

- (e) Create a new oil pool, for Ellenburger pro-  
duction, designated as the North Justis-  
Ellenburger Pool, and described as:

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

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



- (f) Create a new oil pool for Wolfcamp production, designated as the Maljamar-Wolfcamp Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
SECTION 5: NW/4

- (g) Create a new oil pool for Queen, Grayburg, and San Andres production, designated as the North Robinson-Queen, Grayburg, San Andres Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 24: NE/4

- (h) Create a new oil pool for Queen production, and designated as the Scanlon Draw-Queen Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
SECTION 25: NW/4

- (i) Create a new oil pool for Blinebry production, designated as the Weir-Blinebry Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 15: NW/4

Special vertical limit--Top pool at 5610' or -2045 subsea. Base pool at 6320' or -2753 subsea. Type log--Continental Britt B-15 Well No. 10, Unit F of Section 15, T20S, R37E.

- (j) Extend the Arkansas Junction-Queen Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
SECTION 1: SE/4  
SECTION 2: SE/4  
SECTION 11: NE/4  
SECTION 12: W/2  
SECTION 13: NW/4  
SECTION 14: NE/4



## DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

- (k) Extend the Bell Lake-Pennsylvanian Gas Pool to include: )  
     ) TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM )  
     ) SECTION 36: SE/4 )  
     ) TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM )  
     ) SECTION 1: NE/4 )
- (l) Extend the South Benson-Yates Pool to include: )  
     ) TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM )  
     ) SECTION 24: W/2 SW/4 )
- (m) Extend the Brushy Draw-Delaware Pool to include: )  
     ) TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM )  
     ) SECTION 24: SW/4 )  
     ) SECTION 25: N/2 NW/4 )
- (n) Extend the Caprock-Queen Pool to include: )  
     ) TOWNSHIP 12 SOUTH, RANGE 31 EAST, NMPM )  
     ) SECTION 36: NW/4 )
- (o) Extend the West Crossroads-Devonian Pool to include: )  
     ) TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM )  
     ) SECTION 6: NE/4 )
- (p) Extend the Empire-Abo Pool to include: )  
     ) TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM )  
     ) SECTION 17: SE/4 )
- (q) Extend the Gem-Yates Pool to include: )  
     ) TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM )  
     ) SECTION 30: E/2 SE/4 and NE/4 )
- (r) Extend the Southwest Gladiola-Pennsylvanian Pool to include: )  
     ) TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM )  
     ) SECTION 26: SW/4 )



## DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

- (s) Extend the Leamex-Wolfcamp Pool to include:  
TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
SECTION 16: N/2 SE/4
- (t) Extend the Leo Queen-Grayburg Pool to include:  
TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 12: S/2 SW/4  
SECTION 13: W/2
- (u) Extend the Lusk-Strawn Pool to include:  
TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM  
SECTION 18: SE/4
- (v) Extend the South Prairie-Pennsylvanian Pool to include:  
TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
SECTION 16: SW/4
- (w) Extend the East Red Lake-Queen Pool to include:  
TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM  
SECTION 12: E/2 NW/4
- (x) Extend the Shoe Bar-Pennsylvanian Pool to include:  
TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: SW/4
- (y) Extend the North Square-Lake-Grayburg Pool to include:  
TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 8: NE/4  
SECTION 9: NW/4 and W/2 NE/4  
SECTION 10: N/2 SE/4
- (z) Extend the Trieste Draw-Delaware Pool to include:  
TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM  
SECTION 35: NW/4 and SE/4  
TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM  
SECTION 2: NE/4



(aa) Extend the Turkey Track Pool to include: )

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
SECTION 22: SW/4 SW/4  
SECTION 28: SW/4 )

(bb) Extend the Vacuum-Abo Pool to include: )

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 5: SW/4 )

(cc) Extend the East Vacuum-Abo Pool to include: )

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

(dd) Extend the Wantz-Abo Pool to include: )

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 2: SE/4 )

(ee) Extend the Young Pool to include: )

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  
SECTION 29: N/2 NW/4 )

-----  
 BEFORE:

Mr. A. L. Porter  
 Mr. E. S. Walker

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: Before we take up the next two cases in order on the docket, we are going to take the nomenclature cases in order to give the Governor a little more time. He will probably be here by the time we have finished with them.

We will take up next Case 2374.

(Witness sworn.)



JOE D. RAMEY

called as a witness, having been first duly sworn, testified as follows:

## DIRECT EXAMINATION

BY MR. MORRIS:

Q Will the witness please state his name and position?

A Joe D. Ramey, Proration Manager, New Mexico Oil Conservation Commission.

Q Mr. Ramey, has it come to your attention that pools in Eddy, Chaves, Lea, and Roosevelt Counties, New Mexico, should be created or extended?

A Yes, it has.

Q Have you prepared an exhibit containing the recommendations in this regard?

A Yes, I have.

Q Is that exhibit designated as Exhibit No. 1 in this case?

A Yes, Exhibit 1.

(Whereupon, Commission Exhibit  
No. 1 marked for identification.)

Q Referring to that exhibit, Mr. Ramey, what is your recommendation concerning the creation of a new gas pool for Atoka production?

A It is recommended that a new gas pool be created and designated the North Burton-Atoka Gas Pool, vertical limits to be the Atoka formation, and horizontal limits as shown in paragraph



(a), Exhibit 1. The discovery well was the Sunray-Mid-Continent New Mexico State "Q" No. 1, located in Unit D of Section 32, Township 19 South, Range 29 East, and was completed on February 2, 1960. Top of the perforations is at 10,886 feet.

Q Mr. Ramey, do you have a further recommendation concerning the creation of pools for Atoka production?

A Yes, it is recommended that a new oil pool be created and designated as the Cedar Lake-Atoka Pool, vertical limits to be the Atoka formation, and the horizontal limits as shown in paragraph (b) of Exhibit 1. The discovery well was Sinclair Oil and Gas Company Turner "B" SP Well No. 77 located in Unit M of Section 30, Township 17 South, Range 31 East; and was completed on June 20, 1961. Top of the perforations is at 10,919 feet.

Q What is your recommendation concerning the creation of a new oil pool for Wolfcamp production?

A It is recommended that a new oil pool be created and designated as the Greenwood-Wolfcamp Pool. The vertical limits to be the Wolfcamp formation, and the horizontal limits as shown in paragraph (c) of Exhibit 1. The discovery well was Pan American Petroleum Corporation Greenwood Unit No. 3, located in Unit H, Section 27, Township 18 South, Range 31 East, and was completed on March 1, 1961. Top of the perforations is at 9785 feet.

Q What is your recommendation concerning the creation of a new gas pool for Queen production?

A It is recommended that a new gas pool be created and





designated as the Henshaw-Queen Gas Pool. The vertical limits to be the Queen formation, and the horizontal limits as shown in paragraph (d), Exhibit 1. The discovery well was the J. M. Welch Etz Well No. 3 in Unit I, Section 13, Township 16 South, Range 30 East, and was completed on May 11, 1960. Top of the perforations is at 2700 feet.

Q What is your recommendation concerning the creation of a new oil pool for Ellenburger production?

A It is recommended that this be dismissed pending further study.

Q What is your recommendation concerning the creation of a new oil pool for Wolfcamp production?

A It is recommended that a new oil pool be created and designated as the Maljamar-Wolfcamp-Pool. The vertical limits to be the Wolfcamp formation, and the horizontal limits as shown in paragraph (f), Exhibit No. 1. Discovery well was Aztec Oil and Gas Company - Northeast Maljamar Unit Well No. 1 located in Unit D, Section 5, Township 17 South, Range 33 East; and was completed on February 4, 1961. Top of the perforations is at 10,858 feet.

Q What is your recommendation concerning the creation of a new oil pool for Queen, Grayburg, and San Andres production?

A It is recommended that a new oil pool be created and designated as the North Robinson-Queen, Grayburg, San Andres. The vertical limits to be the Queen formation, and the horizontal limits as shown in paragraph (g), Exhibit 1. Discovery well was



the Ernest A. Hanson - Hondo State Well No. 1 located in Unit G, Section 24, Township 16 South, Range 31 East, and completed on December 12, 1960. Top of the perforations is at 3,630 feet.

Q What is your recommendation concerning the creation of a new oil pool for Queen production?

A It is recommended that a new oil pool be created and designated as the Scanlon Draw-Queen Pool. Vertical limits to be the Queen formation, the horizontal limits as shown on paragraph (h), Exhibit No. 1. The discovery well was the Gulf Oil Corporation - Eddy State "D" Well No. 2 in Unit D of Section 25, Township 19 South, Range 28 East, and was completed on April 6, 1961. Top of the perforations is at 1983 feet.

Q What is your recommendation concerning the creation of a new oil pool for Blinebry production?

A It is recommended that a new oil pool be created and designated as the Weir-Blinebry Pool. Vertical limits to be the Blinebry formation and horizontal limits as shown in paragraph (i), Exhibit 1, with special vertical limits as follows: The top of the pool will be at 5,610 feet, or a minus 2,045 subsea. Base of the pool at 6,320 feet, or a minus 2753 subsea. The type log in this case will be the Continental Britt B-15 Well No. 10, located in Unit F of Section 15, Township 20 South, Range 37 East.

Q Mr. Ramey, why do you see fit to recommend special vertical limits in this pool?

A We have, in the past, had trouble with the Blinebry



formation. It seems that there is a discrepancy in the tops picked by the operators and the Commission, and it also seems that the porosity crosses this line in most cases; and so to prevent any trouble down the line, why, we created special vertical limits.

Q You feel it's reasonable to use the Continental-Britt B-15 Well No. 10 as the type log in this case?

A Yes, this was the discovery well and this well was completed on June 4, 1961, and the top of the perforations is at 5,782 feet.

Q What is your recommendation concerning the extension of the Arkansas Junction-Queen Gas Pool?

A That this pool boundary be extended as shown in paragraph (j), Exhibit 1, on the basis of six wells completed therein.

Q What is your recommendation concerning the extension of the Bell Lake-Pennsylvanian Gas Pool?

A That this pool boundary be extended as shown in paragraph (k), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the South Benson-Yates Pool?

A That this pool boundary be extended as shown in paragraph (l), Exhibit 1, on the basis of two wells completed therein.

Q What is your recommendation concerning the extension of the Brushy-Draw-Delaware Pool?

A That this pool boundary be extended as shown in paragraph (m), Exhibit 1, on the basis of one well completed therein.



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

Q What is your recommendation concerning the extension of the Caprock-Queen Pool?

A That this pool boundary be extended as shown in paragraph (n), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the West Crossroads-Devonian Pool?

A That this pool boundary be extended as shown in paragraph (o), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Empire-Abo Pool?

A That this pool boundary be extended as shown in paragraph (p), Exhibit 1, on the basis of two wells completed therein.

Q What is your recommendation concerning the extension of the Gem-Yates Pool?

A That this be dismissed pending further study.

Q What is your recommendation concerning the extension of the Southwest Gladiola-Pennsylvanian Pool?

A That this pool be extended as shown in paragraph (r), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Leamex-Wolfcamp Pool?

A That this pool boundary be extended as shown in paragraph (s), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Leo Queen-Grayburg Pool?



A That this pool boundary be extended as shown in paragraph (t), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Lusk-Strawn Pool?

A That this pool be extended as shown in paragraph (u), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the South Prairie-Pennsylvanian Pool?

A That this pool boundary be extended as shown in paragraph (v), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the East Red Lake-Queen Pool?

A That this pool boundary be extended as shown in paragraph (w), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Shoe Bar-Pennsylvanian Pool?

A That this pool boundary be extended as shown in paragraph (x), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the North Square Lake-Grayburg Pool?

A That this pool boundary be extended as shown in paragraph (y), Exhibit 1, on the basis of two wells completed therein.

Q What is your recommendation concerning the extension of the Trieste-Draw-Delaware Pool?

A That this pool boundary be extended as shown in para-



graph (z), Exhibit 1, on the basis of two wells completed therein.

Q What is your recommendation concerning the extension of the Turkey Track Pool?

A That this pool boundary be extended as shown in paragraph (aa), Exhibit 1, on the basis of four wells completed therein.

Q What is your recommendation concerning the extension of the Vacuum-Abo Pool?

A That this pool boundary be extended as shown in paragraph (bb), Exhibit 1, on the basis of four wells completed therein.

Q Mr. Ramey, do I understand that your extension of the Vacuum-Abo Pool is on the basis of four wells?

A Yes, sir.

Q What is your recommendation concerning the extension of East Vacuum-Abo Pool?

A That this pool boundary be extended as shown in paragraph (cc), Exhibit 1, on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Wantz-Abo Pool?

A That this pool boundary be extended as shown in paragraph (dd), Exhibit 1, on the basis of one well completed therein.

Q Do you have a recommendation concerning the extension of the Young Pool?

A Yes, it is recommended that the Young Pool be extended as shown in paragraph (ee), Exhibit 1, on the basis of one well

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



completed therein.

Q Mr. Ramey, as I understand it, you are recommending that the pools as shown on Exhibit 1 be created or extended, with the exception of paragraphs (e) and (q), is that correct?

A That is correct.

MR. MORRIS: If the Commission please, the Staff offers Exhibit No. 1 in Case 2374, and that concludes the direct examination of Mr. Ramey.

MR. PORTER: Without objection the exhibit will be admitted to the record. Any questions of Mr. Ramey? He may be excused.

(Witness excused.)

MR. PORTER: If nothing further to be offered in the case, we'll take it under advisement.

\*\*\*

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



STATE OF NEW MEXICO     )  
                                   ) ss  
 COUNTY OF BERNALILLO    )

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in Stenotype and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 20th day of September, 1961, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

*Ada Dearnley*  
 \_\_\_\_\_  
 NOTARY PUBLIC

My Commission Expires:

June 19, 1963.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

