

CASE 2386: Appli. of CONTINENTAL  
for 2 non-standard oil proration  
units in the Empire-Abo Pool.

1952/10.

2386

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Application, Transcript,  
and Exhibits, Etc.

GOVERNOR  
EDWIN L. MECHEM  
CHAIRMAN

State of New Mexico  
**Oil Conservation Commission**



LAND COMMISSIONER  
E. S. JOHNNY WALKER  
MEMBER

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

P. O. BOX 871  
SANTA FE

October 9, 1961

Mr. Jason Kellahin  
Kellahin & Fox  
P. O. Box 1713  
Santa Fe, New Mexico

Re: Case No. 2386 & 2387  
Order No. R-2077 & R-2078  
Applicant:  
Continental Oil Company

Dear Sir:

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

Very truly yours,

A handwritten signature in cursive script, reading "A. L. Porter, Jr.".

A. L. PORTER, Jr.  
Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs OCC   x  

Artesia OCC   x  

Aztec OCC           

OTHER



# CONTINENTAL OIL COMPANY

P. O. BOX 1377

ROSWELL NEW MEXICO

August 29, 1961

WM. A. MEAD  
DIVISION SUPERINTENDENT  
OF PRODUCTION  
NEW MEXICO DIVISION

825 PETROLEUM BUILDING  
TELEPHONE: MAIN 2-4202

New Mexico Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

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

Gentlemen:

Re: APPLICATION OF CONTINENTAL OIL  
COMPANY FOR THE ESTABLISHMENT  
OF TWO NON-STANDARD OIL  
PRORATION UNITS UNDER THE PRO-  
VISION OF STATEWIDE RULE 104  
(1) TO BE LOCATED ON ITS STATE  
S AND STATE P LEASES IN SECTION  
30, T17S, R29E, EDDY COUNTY,  
NEW MEXICO: AND FOR AN EXCEPTION  
TO RULE 309 (a) TO COMMINGLE  
PRODUCTION FROM THOSE PORTIONS  
OF THE STATE S AND STATE P  
LEASES IN SAID SECTION 30

We are attaching three copies of Continental Oil Company's  
application for two non-standard proration units under the provision  
of Statewide Rule 104 (1) and an exception to Rule 309 (a) to  
commingle production.

We respectfully request that this application be set  
for hearing at the earliest convenient date.

Yours very truly,

*W. A. Mead*

WAM-sk  
Attachments

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. 2386  
Order No. R-2077

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR THE ESTABLISHMENT  
OF TWO 40-ACRE NON-STANDARD OIL  
PRORATION UNITS IN THE EMPIRE-  
ABO POOL, EDDY COUNTY, NEW  
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 20, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 9th day of October, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Continental Oil Company, seeks the establishment of two non-standard oil proration units in the Empire-Abo Pool, described as follows:
  - (a) Lot 2 and the Southernmost 12.06 acres of Lot 1 of Section 30, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, comprising 40 acres.
  - (b) Lot 3 and the Northernmost 11.83 acres of Lot 4 of said Section 30, comprising 40 acres.
- (3) That the two above-described 40-acre non-standard oil proration units are to be dedicated, respectively, to the following wells:

CASE No. 2386  
Order No. R-2077

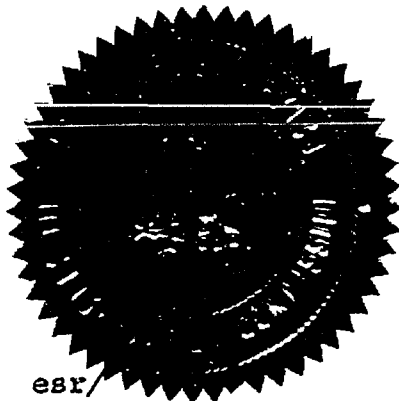
- (a) State S-30 Well No. 1, located 2310 feet from the North line and 330 feet from the West line of said Section 30.
- (b) State S-30 Well No. 3, to be drilled approximately 1980 feet from the South line and 330 feet from the West line of said Section 30.
- (4) That each of the proposed 40-acre non-standard oil proration units can reasonably be presumed to be productive of oil from the Empire-Abo Pool.
- (5) That approval of the subject application will not cause waste and will not impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That the following-described non-standard oil proration units in the Empire-Abo Pool, Eddy County, New Mexico, are hereby established:

- (a) Lot 2 and the Southernmost 12.06 acres of Lot 1 of Section 30, Township 17 South, Range 29 East, NMPM, comprising 40 acres; said unit is to be dedicated to applicant's State S-30 Well No. 1, located 2310 feet from the North line and 330 feet from the West line of said Section 30.
- (b) Lot 3 and the Northernmost 11.83 acres of Lot 4 of said Section 30, comprising 40 acres; said unit is to be dedicated to the applicant's proposed State S-30 Well No. 3, to be drilled approximately 1980 feet from the South line and 330 feet from the West line of said Section 30.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

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

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

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

esr

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE  
STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION  
OF CONTINENTAL OIL COMPANY FOR THE  
ESTABLISHMENT UNDER THE PROVISIONS  
OF STATEWIDE RULE 104(1) OF TWO  
NON-STANDARD OIL PRORATION UNITS  
CONSISTING OF (a) 12.06 ACRES OF  
LOT NO. 1 AND ALL OF THE 27.94  
ACRES IN LOT NO. 2 AND (b) ALL OF  
THE 28.17 ACRES IN LOT NO. 3 AND  
11.83 ACRES OF LOT NO. 4 OF SECTION 30,  
T-17-S, R-29-E, EDDY COUNTY, NEW  
MEXICO, TO BE ALLOCATED TO ITS STATE  
S-30 WELLS NO. 1 AND NO. 3, AND FOR  
AN EXCEPTION TO RULE 309(a) IN  
ORDER TO COMMINGLE THE PRODUCTION  
FROM THOSE PORTIONS OF ITS STATE S  
AND STATE P LEASES LOCATED IN SAID  
SECTION 30 AND TO ALLOCATE PRODUCTION  
ON THE BASIS OF ACREAGE AND WELL  
ALLOWABLES

A P P L I C A T I O N

Comes now applicant, Continental Oil Company, and petitions the Commission for an order approving two non-standard oil proration units comprising (a) the South 12.06 acres of Lot No. 1 and all of the 27.94 acres in Lot No. 2 and (b) all of the 28.17 acres in Lot No. 3 and the North 11.83 acres of Lot No. 4 of Section 30, T-17-S, R-29-E, Empire Abo Pool, Eddy County, New Mexico, to be allocated to its (1) State S-30 No. 1 well located 2310 feet from the North and 330 feet from the West lines and (2) State S-30 No. 3 well to be drilled at a standard location on said Section 30; and for an exception to statewide Rule No. 309(a) for permission to commingle production from those portions of its State S and State P leases located in said Section 30, and in support thereof would show:

1. That applicant is owner and operator of (a) the State S Lease containing, among other lands, the NW/4 and NW/4 of the SW/4, and (b) the State P lease containing, among other lands, the S/2 of the SW/4 of Section 30, T-17-S, R-29-E, Eddy County, New Mexico.

2. That applicant drilled the State S-30 No. 1 at a location 2310 feet from the North and 330 feet from the West lines of said Section 30 and completed it on January 21, 1961, as an oil well in the Empire Abo Pool. State S-30 No. 2 was drilled at a location 2310 feet from the North and 1254 feet from the West lines of Section 30 and was completed July 18, 1961, as an oil well in the Empire Abo Pool.

3. That applicant has intention of drilling the State S-30 No. 3 at a standard location on Lot No. 3 of said Section 30 in the Empire Abo Pool.

4. That no part of the 12.06 acres of Lot No. 1, 28.17 acres in Lot No. 3, or 11.83 acres of Lot No. 4 of said Section 30 is allocated to an oil well, and that all said acreage may reasonably be presumed to be productive of oil from the Empire Abo Pool and should be allocated to an oil well in the interest of the prevention of waste and the protection of correlative rights.

5. That the most practical and economical method of allocating said acreage for Empire Abo Pool oil production is to establish 40-acre non-standard oil proration units, as described above, for assignment to the State S-30 wells No. 1 and No. 3.

6. That information available to the applicant indicates that the mineral rights under each of the above described State leases are held as Common School Royalty.

7. That oil production has been obtained on the State S Lease from the Empire Abo Pool, and that production is anticipated on the State P Lease from said pool.

8. That insufficient reserves are present under the State P Lease to economically justify drilling a well on the acreage on said Section 30.

✓ 9. That applicant proposes to allocate production



to the State S and State P Leases on the basis of acreage and well allowables.

10. That applicant proposes to install accurate test facilities at the common tank battery so that the performance of each well will be accurately checked.

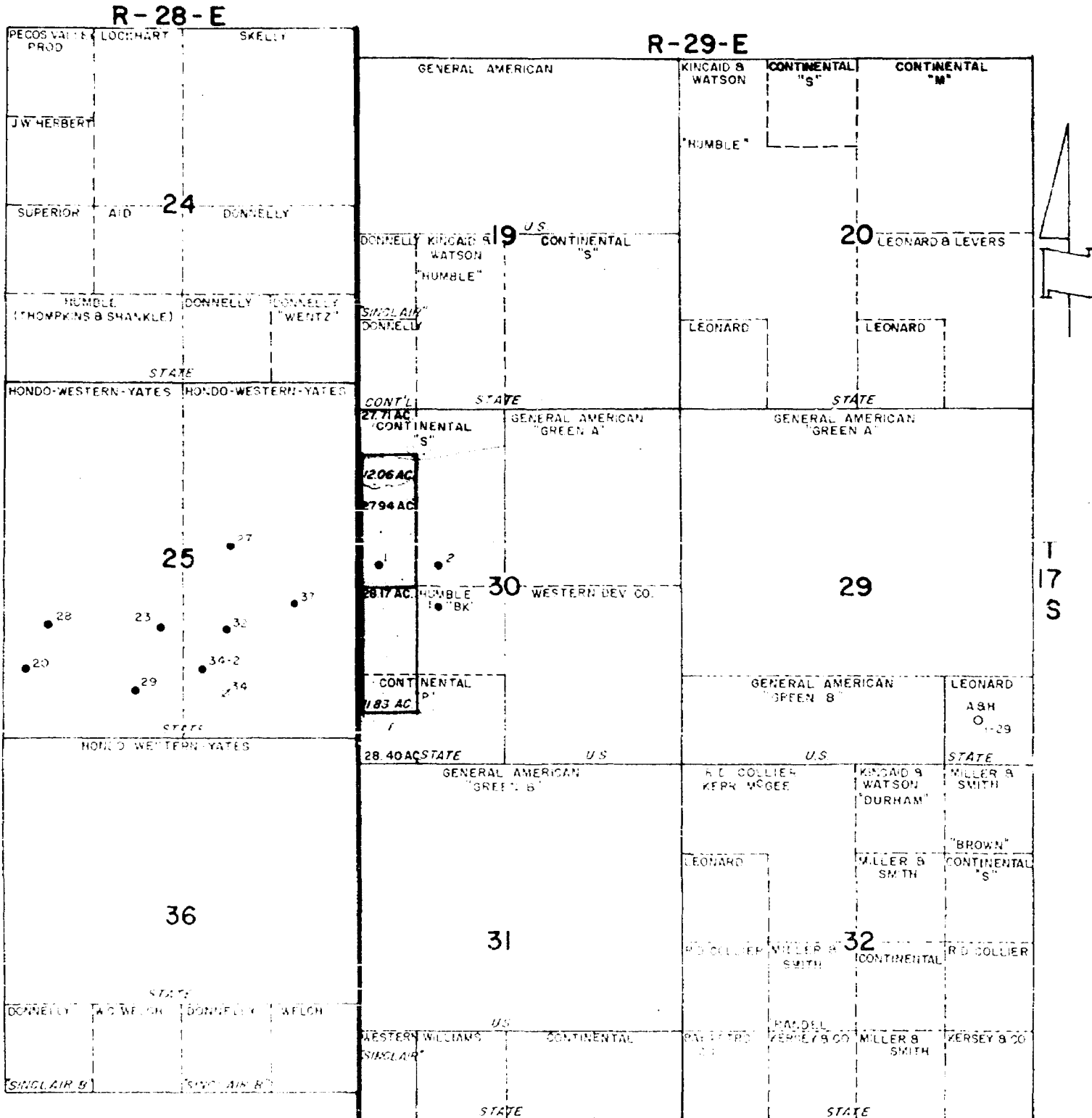
Wherefore, applicant prays that this application be set for hearing before the Commission's duly qualified examiner and that upon hearing an order be entered granting applicant the non-standard oil proration unit and permission to commingle the oil produced from the two leases described above.

Respectfully submitted,

CONTINENTAL OIL COMPANY

*W. A. Mead*  
Wm. A. Mead  
Division Superintendent  
of Production  
New Mexico Division

WAM-EL



CONTINENTAL OIL COMPANY  
PRODUCTION DEPARTMENT  
ARTESIA DISTRICT

EMPIRE ABO POOL  
EDDY COUNTY, NEW MEXICO

SCALE 1"=2000'

© PROPOSED WELL

EDC-982

8-22-61

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date

9/21/61

CASE

2386

Hearing Date

9 am 9/20

JSN @ SF

My recommendations for an order in the above numbered cases are as follows:

Enter an order approving  
two 40 acre non-stk oil  
production units in the Empire  
also pool for Cont'l Oil Co

1st unit to be Lot 2 & the  
Southernmost 12.06 acres of  
Lot 1. Sec 30 T17S R29E and  
be dedicated to State S-30 Well No. 1  
located 2310' FNL & 330' FWC of Sec 30

2nd unit is to comprise Lot 3  
& the Northernmost 11.83 acres  
of Lot 4 of Sec 30 and will be  
dedicated to State S-30 No 3 to  
be drilled approximately 1980' FSL  
& 330' FWC of said Sec 30

*Vandenberg*

DOCKET: EXAMINER HEARING - WEDNESDAY - SEPTEMBER 20, 1961

9:00 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM  
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, as alternate examiner:

- CASE 2376: Application of the Oil Conservation Commission on its own motion to abolish certain portions of the San Simon and Wilson Pools in Lea County, New Mexico; to create a new pool for oil production in Township 21 South, Range 35 East, to be designated the North San Simon-Yates Pool; and to establish a limiting gas-oil ratio for said North San Simon-Yates Pool.
- CASE 2377: Application of N. R. Williamson for a waterflood project in the Seven Lakes Pool, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a waterflood project in the Seven Lakes Pool in Sections 18 and 19, Township 18 North, Range 10 West, McKinley County, New Mexico. Applicant further seeks the establishment of procedures for obtaining administrative approval of extensions to the proposed waterflood project.
- CASE 2378: Application of The Atlantic Refining Company for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Carlson Federal "A" Well No. 2, located in Unit J, Section 23, Township 25 South Range 37 East, Lea County, New Mexico, as a triple completion (conventional) in the Paddock, Blinebry and Tubb-Drinkard Pools, the production of oil from each pool to be through parallel strings of 2-inch tubing.
- CASE 2379: Application of The Atlantic Refining Company for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Langlie Federal Well No. 2, located in the NW/4 SE/4 of Section 14, Township 25 South, Range 37 East, Lea County, New Mexico, as an oil-oil-oil triple completion in an undesignated Paddock Pool and in the Justis-Blinebry and Justis Tubb-Drinkard Pools.

- CASE 2380: Application of Consolidated Oil & Gas, Inc. for a non-standard gas proration unit, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 320-acre non-standard gas proration unit in the Blanco Mesaverde and Basin Dakota Gas Pools comprising the NE/4 of Section 9, and the NW/4 of Section 10, all in Township 31 North, Range 13 West, San Juan County, New Mexico. Said unit is to be dedicated to applicant's Segal Well No. 1-9, located in the NE/4 NE/4 of said Section 9.
- CASE 2381: Application of Southwest Production Company for an order pooling all mineral interests in the Basin-Dakota Gas Pool in the E/2 of Section 22, Township 30 North, Range 12 West, San Juan County, New Mexico.
- CASE 2382: Application of Morris R. Antweil for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 230.95-acre non-standard gas proration unit in the Eumont Gas Pool, consisting of Lot 4 in Section 1, and Lots 1, 2, 3, 7 and 8 in Section 2, all in Township 21 South, Range 35 East, Lea County, New Mexico. Said unit is to be dedicated to applicant's L. W. White Well No. 1, located in the NE/4 NE/4 of said Section 2.
- CASE 2383: Application of C. H. Sweet Oil Company for an exception to Rule 309-A, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 309-A to permit the oil produced from applicant's McKinley "B" lease, located in the SE/4 NE/4 of Section 20, Township 18 South, Range 38 East, Lea County, New Mexico, to be transported, prior to measurement on said McKinley "B" lease, to applicant's Grimes lease located in the NE/4 SE/4 of said Section 20.
- CASE 2384: Application of General American Oil Company of Texas, for an exception to Rule 309-A, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 309-A to permit the Loco Hills oil production from applicant's State Lease B-1778, located in Section 36, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, to be transported, prior to measurement on said State Lease B-1778, to applicant's Federal Lease LC 060520, located in Section 31, Township 17 South, Range 30 East.

CASE 2385: Application of Texaco Inc. for a unit agreement and for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the West Lovington Unit Agreement, covering 2,472 acres, more or less, in Townships 16 and 17 South, Range 36 East, Lea County, New Mexico. Applicant further seeks authority to institute a pool-wide waterflood in the West Lovington Pool by the injection of water into the San Andres formation through 18 wells in Sections 3, 4, 5, 6, 7, 8, and 9, Township 17 South, Range 36 East.

CASE 2386: Application of Continental Oil Company for the establishment of two non-standard oil proration units in the Empire-Abo Pool, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of two non-standard oil proration units in the Empire-Abo Pool described as follows:

(1) Lot 2 and the Southernmost 12.06 acres in Lot 1, Section 30, Township 17 South, Range 29 East, Eddy County, New Mexico, comprising 40 acres. Applicant proposes to dedicate said unit to its State S-30 Well No. 1, 2310 feet from the North line and 330 feet from the West line of said Section 30.

(2) Lot 3 and the Northernmost 11.83 acres of Lot 4, all in said Section 30, comprising 40 acres. Applicant proposes to dedicate said unit to its State S-30 Well No. 3, to be drilled at a standard location in said unit.

CASE 2387: Application of Continental Oil Company for permission to dispose of salt water, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to dispose of produced salt water from the Anderson Ranch Wolfcamp Pool into the Wolfcamp formation through its Anderson Ranch Unit Well No. 8, located 1980 feet from the South line and 660 feet from the East line of Section 11, Township 16 South, Range 32 East, Lea County, New Mexico.



BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
September 20, 1961

EXAMINER HEARING

CASE 2386

TRANSCRIPT OF HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CM 3-6691

ALBUQUERQUE, NEW MEXICO





BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
September 20, 1961

EXAMINER HEARING

IN THE MATTER OF:

Application of Continental Oil Company for the establishment of two non-standard oil proration units in the Empire-Abo Pool, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of two non-standard oil proration units in the Empire-Abo Pool described as follows:

(1) Lot 2 and the Southernmost 12.06 acres in Lot 1, Section 30, Township 17 South, Range 29 East, Eddy County, New Mexico, comprising 40 acres. Applicant proposes to dedicate said unit to its State S-30 Well No. 1, 2310 feet from the North line and 330 feet from the West line of said Section 30.

(2) Lot 3 and the Northernmost 11.83 acres of Lot 4, all in said Section 30, comprising 40 acres. Applicant proposes to dedicate said unit to its State S-30 Well No. 3, to be drilled at a standard location in said unit.

Case  
2386

BEFORE:

Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: We will call now Case No. 2386.

MR. KELLAHER: Jason Kellahin, Kellahin & Fox, representing the applicant. We will have one witness that we would like to have sworn.

(Witness sworn.)



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

E. D. COLTHARP,

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

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Would you state your name, please, sir?

A E. D. Coltharp.

Q By whom are you employed, and in what position?

A Continental Oil Company as District Engineer for the Artesia District.

Q Mr. Coltharp, have you testified before this Commission as an engineer and had your qualifications accepted?

A Yes, sir, I have.

MR. KELLAHIN: Are the witness's qualifications acceptable?

MR. NUTTER: Yes, sir, please proceed.

Q Are you familiar with the application of Continental Oil Company in Case 2386?

A Yes, sir, I am.

Q Will you state briefly what is proposed in this application?

A This is application of Continental Oil Company for a non-standard proration unit consisting of 12.06 acres of Lot 1 and all 27.94 acres of Lot 2, and all of Lot No. 3, consisting of 28.17 acres, and 11.83 acres of Lot 4 of Section 30, Township 17 South, Range 29 East in the Empire-Abo Pool, Sddy County, New Mexico. Lots 1 and 2 would be one forty-acre, non-standard unit, and Lot 3



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CN 3-6691

ALBUQUERQUE, NEW MEXICO

and 4 would be the second 40-acre non-standard unit.

Q Do you have a plat showing the area involved?

A Yes, sir, I do.

Q Mr. Coltharp, is there a well located on either one of these two proposed units?

A Yes, sir, on Lot No. 2 the Continental Oil Company State S-30 No. 1 well is located 2,310 from the north line and 330 from the west line of Section 30, falling in Lot No. 2.

Q Will you give us the production history of that well?

A State S-30 No. 1, completed January 21, 1961, for flowing I.P. of 215 barrels of 41.7 gravity oil and 40 barrels of water. Also, it made 253 MCF of gas on a 20/64 choke.

Q Is there another well located in the area?

A Yes, sir, two wells, of which one is the Continental Oil Company's State S-30 No. 2 well, completed July 25, 1961 for a flowing I.P. of 192 barrels of 38 degree gravity oil and 8 barrels of water, 243 MCF of gas on a 20/64 choke.

Q Did the drilling of that well give you any additional information on the area involved here?

A Yes, sir. It substantiated our structure map as shown here, Exhibit 1.

Q What are your plans as to a third well?

A Present plans call for a third well, State S-30 No. 3, to be drilled as a standard location on Lot No. 3, Section 30.

Q Referring to what has been marked as Exhibit No. 1, would



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

you discuss the information shown on that exhibit?

A This is a structure map on top of the Empire-abo reef, and it shows that, based upon the commercial production indicated from all wells above a minus 2600, and on the lower limits, and any well to the upper limit is possibly considered as commercial production.

Q In your opinion, is all the area you propose to dedicate to the two non-standard proration units productive of oil?

A From this it is reasonable to assume that all this acreage is productive.

Q Is the yellow acreage all held by Continental Oil Company?

A Yes, sir.

Q Are the leases common?

A According to our records, although Continental carries the State S-30 and State P-30 lease down here -- that these are all common school royalties, and under prior order we have been permitted to communitize these properties.

Q Has commingling of the production from the two separate leases been approved?

A Yes, sir.

Q How would you allocate the production from the two leases in the event this is approved?

A Allocation would be based upon acreage assigned and prorated back to each unit based upon well test and acreage assigned; that will be prorated directly on acreage.



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

Q How will your well tests be handled?

A Well tests will be taken periodically on the well.

Q In your opinion, is the allocation of this acreage to the wells involved the most economical way of developing the acreage involved in this application?

A Yes, sir, it is.

Q Would approval of the application be in the interests of prevention of waste and the protection of correlative rights?

A Yes, sir.

Q Was Exhibit No. 1 prepared by you or under your direction and supervision?

A Yes, sir, it was.

MR. KELLAHIN: We would like to offer in evidence Exhibit No. 1.

MR. NUTTER: Applicant's Exhibit 1 will be admitted in evidence.

Q Do you have anything to add to your testimony, Mr. Coltharp?

A No, that is all at this time.

MR. NUTTER: Does anyone have any questions of the witness?

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Coltharp, you said you drilled a well on a standard location?

A Tentatively we got the location as being 1,980 from the



south line and 330 feet from the west line of Section 30.

Q Which would put the well approximately in the exact center of Lot 3, correct?

A Yes, sir.

MR. NUTTER: Any further questions of Mr. Coltharp? You may be excused. Do you have anything further, Mr. Kellahin?

MR. KELLAHIN: That is all I have, Mr. Nutter.

MR. NUTTER: Does anyone have anything they wish to offer in Case 2386? Take the case under advisement.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

STATE OF NEW MEXICO )  
 ) ss  
COUNTY OF BERNALILLO )

I, JUNE PAIGE, 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 2nd day of October, 1961.

*June Paige*  
Notary Public-Court Reporter

My commission expires:  
May 11, 1964.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2386 heard by me on 9/20, 1961.  
*[Signature]*, Examiner  
New Mexico Oil Conservation Commission



DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691

EXHIBITS

WITNESS

PAGE

E. D. COLTHARP  
Direct Examination by Mr. Kellahin

2

EXHIBITS

NUMBER

IDENTIFIED

ADMITTED

1

4

5

