

CASE 3361: Appli. of TIDEWATER

OIL CO. for salt water disposal, \_\_\_\_\_

Lea County, New Mexico.

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ASE NO.

3361

Application,  
Transcripts,  
Small Exhibits  
ETC.

State of New Mexico  
Oil Conservation Commission



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

January 13, 1966

Re: Case No. 3361  
Order No. R-3025  
Applicant:

**Tidewater Oil Company**

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

A. L. PORTER, Jr.  
Secretary-Director

Carbon copy of order also sent to:

Hobbs OCC     x      
Artesia OCC             
Aztec OCC           

Other \_\_\_\_\_

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. 3361  
Order No. R-3025

APPLICATION OF TIDEWATER OIL COMPANY  
FOR SALT WATER DISPOSAL, LEA COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on  
January 5, 1966, at Santa Fe, New Mexico, before Examiner  
Daniel S. Nutter.

NOW, on this 13th day of January, 1966, the Commission,  
a quorum being present, having considered the record and the  
recommendations of the Examiner, and being fully advised in the  
premises,

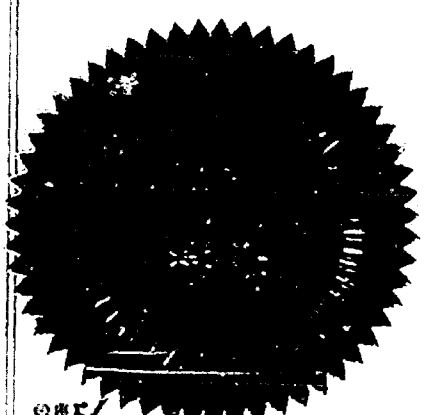
FINDS:

That the applicant's request for dismissal should be  
granted.

IT IS THEREFORE ORDERED:

That Case No. 3361 is hereby dismissed.

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

*Guyton B. Hays*  
GUYTON B. HAYS, Member

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

esr/



**TIDEWATER OIL COMPANY**

P. O. Box 249  
Hobbs, New Mexico

December 22, 1965

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Re: Application for Authority to Inject  
Produced Salt Water into the Ellen-  
burger Formation, A. B. Coates "C"  
Well No. 15, Unit O, Section 24  
T25S, R37E, Lea County, New Mexico

Gentlemen:

Tidewater respectfully submits this application for authority to inject produced salt water into the Justis Ellenburger formation for the purpose of disposal. The disposal well will be our A. B. Coates "C" No. 15, Unit O, Sec. 24, T25S, R37E, Lea County, New Mexico. Injection will be made into an interval below the present field water-oil contact. This well produced 228,258 barrels of Ellenburger oil from January 4, 1958 until November of 1965 at which time, producing from perforations 8000-8025' at the top of the formation, the well went to 100% salt water.

We propose to clean out Well No. 15 from the present plug-back TD (8027') to the original TD (8125'), then deepen the well to 8350'. A 4-1/2" casing liner will be set at 8350' with the liner hanger at 7950'. Cement volumes will be calculated to circulate back over the liner hanger. The liner will be perforated at 8325 to 8345'. The original field water-oil contact was established at 8335'.

The waters to be injected are from wells on our A. B. Coates "C" and "D" Leases producing out of the Justis Blinebry, Justis Tubb-Drinkard, Justis Montoya, Justis McKee, Justis Fusselman and Justis Ellenburger zones. Production from these zones is gathered at a consolidated battery. Water production is presently dumped from the various zone facilities into earthen pits. Total water production is currently averaging 450 barrels per day.

We plan to set a 500 barrel settling tank which will collect salt water from all water dumps. A pump will then transfer the salt water through 3" cement lined pipe to the injection well.

Well No. 15 is a Justis Montoya-Justis Ellenburger dual completion

12-22-65

NMOCC  
Mr. A. L. Porter

(2)

with parallel strings of 2-3/8 tubing inside of 7" casing. When this well is converted to salt water disposal, the Ellenburger tubing string (lower zone tubing string) will have internal plastic coating for corrosion protection. The two zones will be segregated with a packer.

A plat showing the location of the proposed injection well, together with logs and a diagrammatic sketch are attached. A copy of this application with all attachments has been sent to the New Mexico State Engineering Office.

We respectfully request that this application be scheduled for Examiner hearing on January 5, 1966, in Santa Fe.

Very truly yours,

TIDEWATER OIL COMPANY

*C. L. Wade*

C. L. Wade  
Area Superintendent

WCS/ep  
Attachments

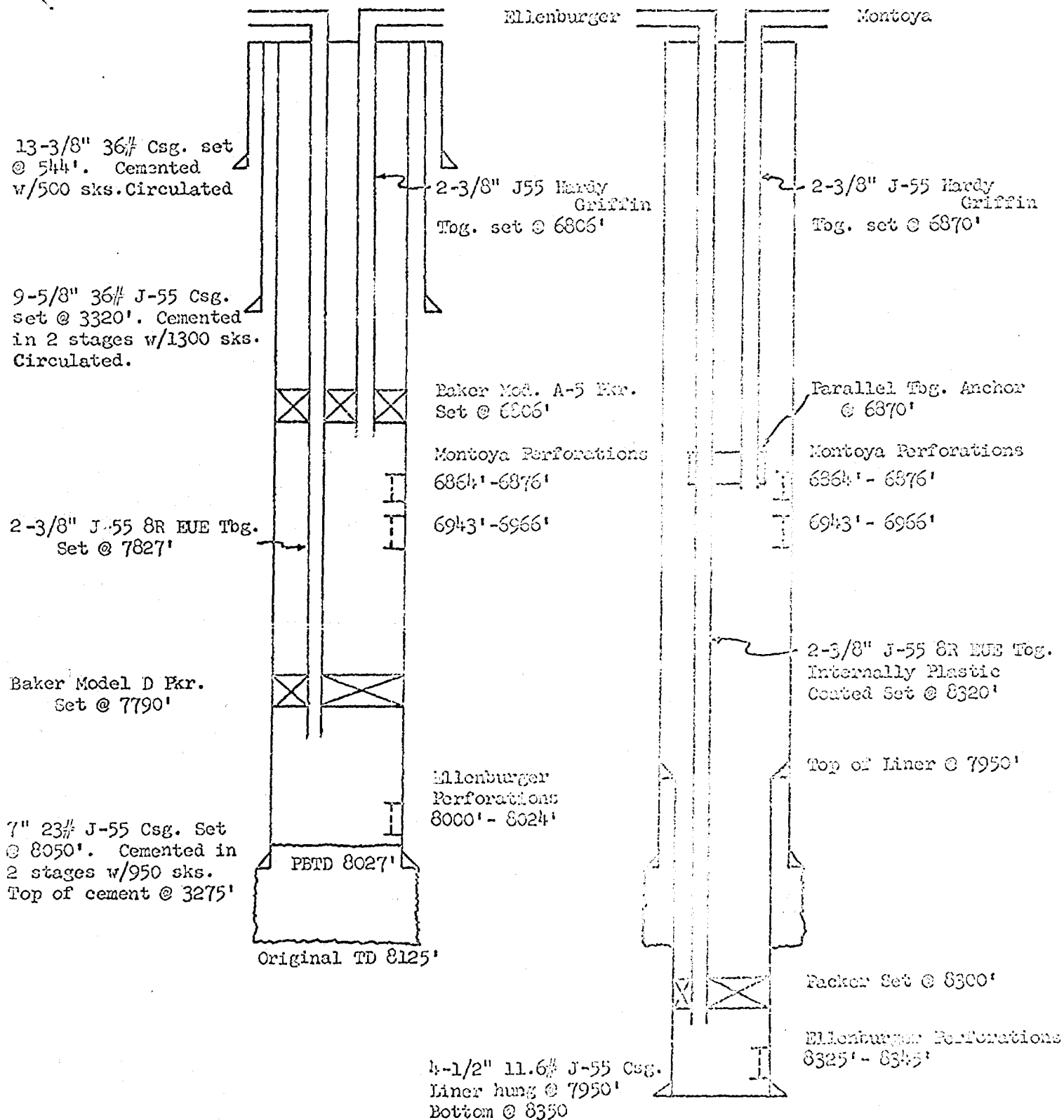
STATE OF NEW MEXICO  
COUNTY OF LEA

SWORN TO BEFORE ME, the undersigned, on this the 22nd day of December, 1965.

*Harold E. Wilson Jr.*  
Notary Public in and for the  
County of Lea, State of New Mexico

My commission expires 12/2/67

TIDEWATER OIL COMPANY  
A. B. Coates "C" Well No. 15  
Justis Ellenburger  
660 FSL & 1980 FEL, Unit C, Sec 24, T25S, R37E  
Lea County, New Mexico



DOCKET: EXAMINER HEARING -- WEDNESDAY -- JANUARY 5, 1966

9 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, Alternate Examiner:

CASE 3358: Application of General American Oil Company of Texas for a  
waterflood expansion, Eddy County, New Mexico. Applicant, in  
the above-styled cause, seeks authority to expand its Burch-  
Keely Waterflood Project, authorized by Order No. R-2327 in the  
Grayburg-Jackson Pool, by the conversion to water injection,  
in stages, of from 10 to 15 wells in Sections 23 and 26, Town-  
ship 17 South, Range 29 East, Eddy County, New Mexico.

CASE 3359: Application of Sinclair Oil & Gas Company for a dual completion,  
non-standard location, non-standard gas proration unit, and an  
exception to Rule 104 C I, Eddy County, New Mexico. Applicant,  
in the above-styled cause, seeks approval of the dual completion  
(conventional) of its Fren Oil Company Well No. 21 to produce  
oil from the Cedar Lake-Abo Pool and to produce gas from an  
undesignated Morrow gas pool through parallel strings of tubing.  
Applicant further seeks approval of a 200-acre non-standard  
gas proration unit for said well comprising the E/2 SW/4, SW/4  
SE/4, and E/2 SE/4 of Section 19, Township 17 South, Range 31  
East, for said well which is located at an unorthodox gas well  
location 560 feet from the South line and 3350 feet from the  
East line of said Section 19. Applicant further seeks an  
exception to Commission Rule 104 C I for said well which is  
located closer than 660 feet to another well producing from  
the Abo formation on the same 40-acre tract.

CASE 3360: Application of L. R. French, Jr. for a dual completion, Lea  
County, New Mexico. Applicant, in the above-styled cause, seeks  
authority to dually complete his Aztec Uncle Well No. 1 located  
in Unit C of Section 28, Township 18 South, Range 33 East, Lea  
County, New Mexico, to produce oil from the Strawn formation  
through the casing-tubing annulus and to produce gas from the  
Morrow formation through tubing. In the alternative, applicant  
seeks authority to dually complete the well with a single string  
of tubing and to commingle the Strawn oil and Morrow gas in the  
wellbore by means of a dual-flow choke-assembly.

CASE 3152 (Reopened)

In the matter of Case No. 3152 being reopened pursuant to the  
provisions of Order No. R-2821, which order established 80-acre  
spacing units for the Osudo-Wolfcamp Pool, Lea County, New Mexico,  
for a period of one year. All interested parties may appear and  
show cause why said pool should not be developed on 40-acre  
spacing units.

CASE 3153 (Reopened)

In the matter of Case No. 3153 being reopened pursuant to the  
provisions of Order No. R-2822, which order established 80-acre  
spacing units for the Osudo-Strawn Pool, Lea County, New Mexico,



January 5, 1966 Examiner Hearing

for a period of one year. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 3246 (Reopened)

In the matter of Case No. 3246 being reopened pursuant to the provisions of Order No. R-2935, which order established special rules for the Mesa-Queen Pool, Lea County, New Mexico, for production of oil and gas wells in said pool, including classification of oil wells and gas wells, spacing units for oil wells and gas wells, and the establishment of a gas-liquid ratio limitation of 5,000 cubic feet of gas per barrel of oil. All interested parties may appear and show cause why the special rules should be continued in effect.

CASE 2720 (Reopened)

In the matter of Case No. 2720 being reopened pursuant to the provisions of Order No. R-2397-B which continued the original order for an additional year, establishing special rules governing the production of oil and gas wells in the Double-X Delaware Pool, Lea County, New Mexico, including classification of wells as gas wells when the gas-liquid hydrocarbon ratio exceeds 30,000 to one.

CASE 3361: Application of Tidewater Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in its A. B. Coates "C" Well No. 15 located in Unit O of Section 24, Township 25 South, Range 37 East, Justis Field, Lea County, New Mexico, through a perforated interval below 8,000 feet.

CASE 3353: Application of Tesoro Petroleum Corporation to amend Order No. R-2807, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks an amendment to Order No. R-2807, which authorized a waterflood project in the Hospah Unit Area, to permit the production of oil from previously designated water injection wells, to approve unorthodox locations for additional producing wells, and to authorize additional injection wells, all in Section 36, Township 18 North, Range 9 West, McKinley County, New Mexico.

CASE 2945 (Reopened)

In the matter of Case No. 2945 being reopened pursuant to the provisions of Order No. R-2623, which order established 640-acre spacing units for the Antelope Ridge-Devonian Gas Pool, Lea County, New Mexico, for a period of two years. All interested parties may appear and show cause why said pool should not be developed on 160-acre or 320-acre spacing units.

January 5, 1966 Examiner Hearing

CASE 3350 (Continued and readvertised)

Application of International Oil & Gas Corporation for the creation of two new oil pools and for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Bone Spring production and a new oil pool for Wolfcamp production in Section 21, Township 18 South, Range 32 East, Lea County, New Mexico, and for the establishment of special rules for each of said pools including provision for 80-acre proration units.

CASE 3362: Application of Carter Foundation Production Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Queen formation through five wells located at unorthodox locations in Sections 34 and 35, Township 23 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico.

# Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. B. Hopkins  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

December 30, 1965

P. O. Drawer 1938  
Roswell, New Mexico 88201

Oil Conservation Commission  
State of New Mexico  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: Case No. 3361  
Examiner Hearing, January 5, 1966

Gentlemen:

Gulf Oil Corporation has been furnished a copy of Tidewater Oil Company's application for authority to inject salt water into the Ellenburger formation in its A. B. Coates "C" Well No. 15, Unit 0 Section 24, Township 25 South, Range 37 East, Lea County, New Mexico. It is our understanding that the perforated interval for injection in this well will be 8325 feet to 8345 feet.

Please be advised that we have no objections to Tidewater's application.

Yours very truly,

*M. I. Taylor*  
M. I. Taylor

JHH:bc

cc: Tidewater Oil Company  
Post Office Box 249  
Hobbs, New Mexico 88240  
Attention: Mr. B. M. Breining



dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS  
1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
January 5, 1966

EXAMINER      HEARING

IN THE MATTER OF:

Application of Tidewater Oil Company  
for salt water disposal, Lea County,  
New Mexico.

Case No. 3361

BEFORE:      Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

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1213 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO

MR. NUTTER: We will call next Case 3361.

MR. DURRETT: Application of Tidewater Oil Company for salt water disposal, Lea County, New Mexico.

MR. MORRIS: I am Richard Morris, appearing for Tidewater Oil Company in this case. Tidewater Oil Company requests dismissal of this case. The salt water that was to be disposed of through the subject well will be disposed of through the well on an adjoining tract, B. T. McBuffington No. 5. This will be accomplished, to my understanding, prior to February 1 of this year. Since those arrangements have been made the Tidewater requests dismissal of the subject case.

MR. NUTTER: Case 3361 will be dismissed.

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS  
1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO  
1213 FIRST NATIONAL BANK EAST • PHONE 253-1294 • ALBUQUERQUE, NEW MEXICO

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STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss

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 Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Witness my Hand and Seal this 13th day of January, 1965.

Ada Dearnley  
NOTARY PUBLIC

My Commission Expires:

June 19, 1967.

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the Adjudicatory Hearing of Case No. 3361  
Signed by me on 1/13, 1966.

Arthur, Examiner  
New Mexico Oil Conservation Commission

new application

Tidewater Oil Co.

Salt water disposal Lea Co

A.B. Coates "C" Well No 15 Unit O

660' FSL 1980' FEL 24 25S 37E

Ellenburger 8000-8024

Santherland to DSN 10:20 12/16