

Case Number.

4181

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Application

Transcripts.

Small Exhibits

ETC.

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  
October 8, 1969

EXAMINER HEARING

-----  
IN THE MATTER OF: )

(Continued from the September )  
10, 1969 Examiner Hearing) )  
Application of J. M. Huber )  
Corporation for a dual )  
completion and salt water )  
disposal, Lea County, )  
New Mexico. )  
-----

Case No.

4181

BEFORE: Elvis A. Utz, Examiner

TRANSCRIPT OF HEARING

## NEW MEXICO OIL CONSERVATION COMMISSION

## EXAMINER HEARING

SANTA FE, NEW MEXICOHearing Date OCTOBER 8, 1969TIME: 9 A.M.

| NAME             | REPRESENTING                                    | LOCATION      |
|------------------|---|---------------|
| Nina Paulsme     | RW Bryan & Co.                                  | Santa Fe      |
| J. Michael Lacey | Tenneco Oil Co                                  | Denver, Colo  |
| Booker Kelly     | Nichols Littel Hard & Kelly                     | SF            |
| James H. Hinkle  | Coastal States Gas                              | Amarillo      |
| M.C. Staton      | Coastal States Gas                              | Midland       |
| Jack McGraw      | Coastal States Gas                              | Midland, Tex  |
| Guy W. Leach     | oil development co Tex<br>Santa Fe Pacific Corp | Amarillo, Tx  |
| A. Lopez         | Yates & Penrose                                 | Artesia       |
| John B. Castle   | PENROCK   | MIDLAND, TEX. |
| Jason Kellahi    | Kellahi & Fox                                   | Santa Fe      |

MR. UTZ: We will take up first the dismissals and continuances. Case 4181.

MR. HATCH: Case 4181.

Continued from the September 10, 1969

Examiner Hearing. Application of J. M. Huber Corporation for a dual completion and salt water disposal, Lea County, New Mexico.

The Commission has received a request from the applicant that that case be dismissed.

MR. UTZ: Case 4181 will be dismissed as requested by the Applicant.

I N D E XPage

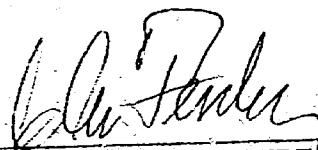
Discussion

2

STATE OF NEW MEXICO     )  
                                  )   SS  
COUNTY OF BERNALILLO   )

I, CA FENLEY, Court Reporter 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 this 20th day of November, 1969.

  
CA FENLEY - COURT REPORTER

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the hearing of Case No. 41-87,  
held on 10 of Oct 8 1969.

  
Secretary  
New Mexico Oil Conservation Commission

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



1

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
September 10, 1969

EXAMINER HEARING

IN THE MATTER OF: )  
)  
)

Application of J. M. Huber Corporation ) Case No. 4181  
for a dual completion and salt water )  
disposal, Lea County, New Mexico. )  
)

BEFORE: Daniel Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: Case 4181.

MR. HATCH: Case 4181. Application of J. M.

Huber Corporation for a dual completion and salt water disposal, Lea County, New Mexico.

If the Examiner please, we have received a request from the Applicant to continue this case to the October 8th hearing.

MR. NUTTER: Case No. 4181 will be continued to the Examiner Hearing to be held at this same place, nine a.m., on October 8, 1969.

The hearing is adjourned.



STATE OF NEW MEXICO )  
 ) ss  
 COUNTY OF BERNALILLO )

I, GLENDA BURKS, Court Reporter 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.

*Glenda Burks*  
 Notary Public

My Commission Expires:

March 12, 1973

I do hereby certify that the foregoing is  
 a complete record of the proceedings in  
 the Examiner hearing of Case No. 4181  
 heard by me on 9/10, 1969.

*[Signature]*  
 New Mexico Oil Conservation Commission

I do hereby certify that the foregoing is  
 a complete record of the proceedings in  
 the Examiner hearing of Case No. 4181  
 heard by me on 9/10, 1969.

*[Signature]*  
 New Mexico Oil Conservation Commission

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  
August 6, 1969

EXAMINER HEARING

IN THE MATTER OF:

Application of J. M. Huber Corpor- )  
ation for a dual completion and )  
salt water disposal, Lea County, )  
New Mexico. )

Case No. 4181

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: Case No. 4181

MR. HATCH: Case No. 4181. Application of  
J. M. Huber Corporation for a dual completion and salt  
water disposal, Lea County, New Mexico.

The Commission has received a request from the  
Applicant in this case to continue the case to the  
September Docket. The first hearing in September would  
be September 10th.

MR. NUTTER: Case No. 4181 will be continued  
to the Examiner Hearing to be held in this same place  
at 9:00 o'clock A.M. on September 10, 1969.

I do hereby certify that the foregoing is  
a true and correct copy of the proceedings in  
the hearing held on the 10th day of September, 1969,  
at 9:00 a.m.

Witness my hand and the seal of the Commission  
at the State Capitol Building, Santa Fe, New Mexico, this 10th day of September, 1969.

STATE OF NEW MEXICO )  
 ) SS.  
 COUNTY OF SANTA FE )

I, RICHARD L. NYE, Court Reporter, do hereby certify  
 that the foregoing and attached Transcript of Hearing  
 before the New Mexico Oil Conservation Commission was  
 reported by me, and the same is a true and correct record  
 of the said proceedings, to the best of my knowledge,  
 skill and ability.

*Richard L. Nye*  
 COURT REPORTER

My commission expires April 8, 1971.

I do hereby certify that the foregoing is  
 a complete record of the proceedings in  
 the Examiner hearing of Case No. 4181  
 heard by me on 8/6 1969.  
*[Signature]* Examiner  
 New Mexico Oil Conservation Commission



# OIL CONSERVATION COMMISSION

**STATE OF NEW MEXICO**  
**P. O. BOX 2088 - SANTA FE**  
**87501**

GOVERNOR  
DAVID F. CARGO  
CHAIRMAN

**LAND COMMISSIONER**  
**ALEX J. ARMUO**  
**MEMBER**

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

October 15, 1969

Mr. Jason Kellahin  
Kellahin & Fox  
Attorneys at Law  
Post Office Box 1769  
Santa Fe, New Mexico

Re: Case No. 4181  
Order No. R-3846  
Applicant:  
J. M. Huber Corporation

**Dear Sir:**

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

Very truly yours,

G. L. Porter, Jr.

**A. L. PORTER, Jr.**  
**Secretary-Director**

ALP/ir

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. 4181  
Order No. R-3846

APPLICATION OF J. M. HUBER CORPORATION  
FOR A DUAL COMPLETION AND SALT WATER  
DISPOSAL, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 8, 1969,  
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 14th day of October, 1969, the Commission, a  
quorum being present, having considered the record and the recom-  
mendations of the Examiner, and being fully advised in the  
premises,

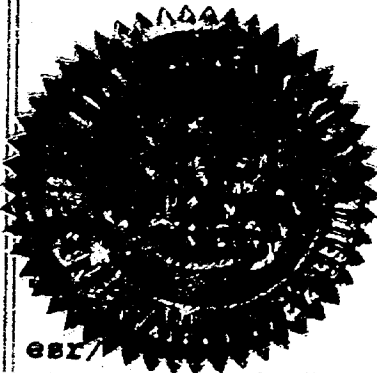
FINDS:

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

IT IS THEREFORE ORDERED:

That Case No. 4181 is hereby dismissed.

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



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*David F. Cargo*  
DAVID F. CARGO, Chairman

*Alex G. Cargo*  
ALEX G. CARGO, Member

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

Docket No. 27-69

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 8, 1969

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

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

CASE 4220: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit E. P. Campbell, and all other interested parties to appear and show cause why the E. P. Campbell Christmas Well No. 1 located in Unit C of Section 6, Township 23 South, Range 36 East, Jalmat Pool, Lea County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 4221: Application of Tenneco Oil Company for a dual completion and water injection, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete its South Hospah Unit Well No. 23 located in Unit K of Section 12, Township 17 North, Range 9 West, McKinley County, New Mexico, in such a manner as to permit the production of gas from the perforated interval 2590 feet to 2865 feet, undesignated Dakota gas pool, and the injection of water for secondary recovery purposes into the upper sand, South Hospah-Upper Sand Oil Pool, in the perforated interval from 1685 feet to 1714 feet.

CASE 4222: Application of Coastal States Gas Producing Company for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the West Sawyer-San Andres Pool, Lea County, New Mexico, including a provision for 80-acre spacing and proration units.

CASE 3881: (Reopened)

In the matter of Case No. 3881 being reopened pursuant to the provisions of Order No. R-3533, which order established 80-acre spacing units for the South Prairie-Devonian Pool, Roosevelt 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 4181: (Continued from the September 10, 1969 Examiner Hearing)

Application of J. M. Huber Corporation for a dual completion and salt water disposal, Lea County, New Mexico. Applicant,

(Case 4181 continued)

in the above-styled cause, seeks authority to dually complete its Stoltz Federal Well No. 1 located in Unit J of Section 12, Township 15 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Morton-Wolfcamp Pool and the disposal of produced salt water through the 8 5/8 X 4 1/2-inch casing-casing annulus into the San Andres, Tubb, Abu, and possibly other formations in the open-hole interval from approximately 4330 feet to 9750 feet.

CASE 4223: Application of Resler and Sheldon for two waterflood projects, Lea County, New Mexico. Applicants, in the above-styled cause, seek authority to institute two waterflood projects by the injection of water into the Grayburg, and possibly other formations in the perforated interval from approximately 3555 feet to 3617 feet in their Kelly Well No. 3 and into the Queen, and possibly other formations in the perforated interval from approximately 3439 feet to 3689 feet in their Steeler Well No. 1, said wells being located, respectively, in Unit M of Section 16, and Unit I of Section 20, Township 23 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico. In the alternative, applicants seek authority to dispose of produced salt water in said wells in the intervals as described above.

CASE 4224: Application of Big "6" Drilling Company for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete its Ora Jackson "A" Well No. 1 located 660 feet from the South and West lines of Section 5, Township 19 South, Range 35 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Scharb-Bone Springs Pool and the disposal of produced salt water through the intermediate casing-production casing annulus into the Seven Rivers, Queen, San Andres, Upper Bone Springs, and possibly other formations in the interval from approximately 3989 feet to 9500 feet.

CASE 4225: Application of S. P. Yates for a pressure maintenance project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project by the injection of water into the Queen formation through his Anderson Well No. 2 located 2310 feet from the South line and 990 feet from the East line of Section 11, Township 20 South, Range 26 East, West McMillan Pool, Eddy County, New Mexico.



Examiner Hearing - October 8, 1969

Docket No. 27-69

-3-

CASE 4226: Application of John A. Yates for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Grayburg formation through his John A. Yates-State A Wells Nos. 2 and 6 located in Units J and P, respectively, of Section 5, Township 19 South, Range 28 East, Artesia Pool, Eddy County, New Mexico.

CASE 4227: Application of Penrock Oil Corporation for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 104 C 11 to permit the re-entry of a well at an unorthodox gas well location 660 feet from the South and East lines of Section 33, Township 12 South, Range 34 East, West Ranger Lake-Devonian Gas Pool, Lea County, New Mexico. The E/2 of said Section 33 to be dedicated to the well.

J. M. Huber Corporation  
1900 Wilco Building  
Midland, Texas 79701

September 3, 1969

OIL AND GAS  
DIVISION

SEP 5 11 43 AM '69

TELEPHONE  
MUTUAL 2-3784

Case 4181

Daniel S. Nutter, Examiner  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico 87501

Re: Docket No. 25-69, Case 4181,  
September 10, 1969

ms  
Cont to Oct. 8, 1969

Dear Mr. Nutter:

We would appreciate the Hearing for salt water disposal  
in the J.M. Huber Corporation Stoltz Federal No. 1 well,  
Unit J, Section 12, T-15-S, R-34-E, Lea County, New  
Mexico, be changed to the October Docket.

Your consideration in this matter will be greatly appre-  
ciated.

Very truly yours,

J.M. HUBER CORPORATION

*Floyd L. Meade*

Floyd L. Meade  
District Production Superintendent

DOCKET MAILED

Date 9-26-69

FLM:mt

cc: Mr. Elvis A. Utz, Alternate Examiner  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico 87501

Mr. Joe Ramey  
New Mexico Oil Conservation Commission  
P.O. Box 1980  
Hobbs, New Mexico 88240

OIL AND GAS  
DIVISION

J.M. Huber Corporation

1900 Wilco Building  
Midland, Texas 79701

July 30, 1969

MAIN OFFICE

59 AUG 1 AM 9 35

TELEPHONE  
MUTUAL 2-3794

Daniel S. Nutter, Examiner  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico 87501

Re: Docket No. 22-69, Case 4181,  
August 6, 1969

Dear Mr. Nutter:

We would appreciate our Hearing for salt water disposal  
in the J.M. Huber Corporation Stoltz Federal No. 1,  
Unit J, Section 12, T-15-S, R-34-E, Lea County, New  
Mexico, be changed to the September Docket.

Your consideration in this matter will be greatly appre-  
ciated.

Very truly yours,

J.M. HUBER CORPORATION

*Bob Alexander*  
Bob Alexander  
District Engineer

BA:mt

cc: Mr. Elvis A. Utz, Alternate Examiner  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico 87501

Mr. Jce Ramey  
New Mexico Oil Conservation Commission  
P.O. Box 1980  
Hobbs, New Mexico 88240

DOCKET MAILED

Date \_\_\_\_\_

DOCKET MAILED

Date 8-28-69

Docket No. 25-69

DOCKET: EXAMINER HEARING - WEDNESDAY - SEPTEMBER 10, 1969

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 4210: Application of Mobil Oil Corporation for a special gas-oil ratio limitation, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 506 of the Commission Rules and Regulations to provide for a limiting gas-oil ratio in excess of the existing ratio of 2000 cubic feet of gas per barrel of oil in the Lightcap (Devonian) Pool, Chaves County, New Mexico.

CASE 4211: Application of Mobil Oil Corporation for a special gas-oil ratio limitation, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 506 of the Commission Rules and Regulations to provide for a limiting gas-oil ratio in excess of the existing ratio of 2000 cubic feet of gas per barrel of oil in the Lightcap-Pennsylvanian Pool, Chaves County, New Mexico.

CASE 3857: (Reopened)

In the matter of Case No. 3857 being reopened pursuant to the provisions of Order No. R-3504, which order established 160-acre spacing units and 80-acre proportional factors of 4.77 for the Tulk-Pennsylvanian 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 less than 160-acre spacing units and why the 80-acre proportional factor of 4.77 should or should not be retained.

CASE 4212: Application of General American Oil Company of Texas for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill its Maddren "B" Well No. 12, a producing oil well, at an unorthodox location 1295 feet from the West line and 1815 feet from the South line of Section 27, Township 17 South, Range 30 East, as an infill well in its Grayburg Jackson Premier Unit Waterflood Project area, Grayburg-Jackson Pool, Eddy County, New Mexico.

CASE 4213: Application of Texo Oil Company for pool redelineation, creation of a new gas pool, an unorthodox gas well location, and non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the redelineation of the vertical limits of the South Corbin-Queen Pool to permit the

(Case 4213 continued)

creation of a new basal Penrose gas pool for its Buffalo unit Well No. 11 located at an unorthodox gas well location 2310 feet from the South line and 330 feet from the West line of Section 35, Township 18 South, Range 33 East, Lea County, New Mexico. Applicant further seeks approval of an 80-acre non-standard gas proration unit comprising the N/2 SW/4 of said Section 35, to be dedicated to the above-described well.

CASE 4214: Application of Amerada Hess Corporation for approval of an unorthodox injection well location and the amendment of Order No. R-2197, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox water injection well location for its Langlie-Mattix Woolworth Unit Well No. 710 at a point 1950 feet from the North line and 50 feet from the East line of Section 27, Township 24 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico. Applicant also seeks further amendment of Order No. R-2197 to provide for an administrative procedure whereby additional injection wells might be approved at locations no closer than 50 feet to the outer boundary of the unit area.

CASE 4215: Application of Standard Oil Company of Texas to directionally drill, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to directionally drill its Smith Federal Well No. 1, a wildcat located 1650 feet from the South and East lines of Section 34, Township 20 South, Range 24 East, Eddy County, New Mexico. Said well was drilled to a total depth of 7845 feet. Applicant proposes to plug the well back to approximately 5500 feet, set a whipstock at said depth and directionally drill to a depth of approximately 7800 feet to bottom said well in the Cisco formation at a point approximately 200 feet East of the present bottom hole location.

CASE 4216: Application of Tamarack Petroleum Company, Inc. for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Northeast Pearl-Queen Unit Area comprising 920 acres, more or less, of State and fee lands in Sections 15, 22, 23, and 24, Township 19 South, Range 35 East, Pearl-Queen Pool, Lea County, New Mexico.

CASE 4217: Application of Tamarack Petroleum Company, Inc. for a water-flood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a water-flood project in its Northeast Pearl-Queen Unit Area by the injection of water into the Queen formation through eight wells located in Sections 15, 22, 23, and 24, Township 19 South, Range 35 East, Pearl-Queen Pool, Lea County, New Mexico.

CASE 4181: (Continued from the August 6, 1969, Examiner Hearing)

Application of J. M. Huber Corporation for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete it Stoltz Federal Well No. 1 located in Unit J of Section 12, Township 15 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Morton-Wolfcamp Pool and the disposal of produced salt water through the 8 5/8 X 4 1/2-inch casing-casing annulus into the San Andres, Tubb, Abo, and possibly other formations in the open-hole interval from approximately 4330 feet to 9750 feet.

Docket No. 22-69

DOCKET: EXAMINER HEARING - WEDNESDAY - AUGUST 6, 1969

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 4179: Application of Petroleum Corporation of Texas for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's Flint "B" Federal Well No. 1 located in Unit M of Section 14, Township 17 South, Range 30 East, Grayburg-Jackson Pool, Eddy County, New Mexico. Applicant seeks authority to dispose of salt water produced by said well in an unlined surface pit located in said Unit M.

CASE 4180: Application of Union Oil Company of California for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's Federal "E" and Federal "F" leases in Section 31, Township 18 South, Range 31 East, Shugart Field, Eddy County, New Mexico. Applicant seeks authority to dispose of salt water produced by wells on said leases in unlined surface pits on the subject leases.

CASE 4167: (Continued from the July 9, 1969 Examiner Hearing)  
Application of Charles B. Read for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete his Hobbs "Y" Well No. 1 located in Unit J of Section 29, Township 12 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the East Hightower-Pennsylvanian Pool and the disposal of produced salt water through the intermediate casing-production casing annulus into the San Andres, Glorieta, Yeso, and Abo formations in the open-hole interval from approximately 4195 feet to 7720 feet.

- CASE 4181: Application of J. M. Huber Corporation for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete its Stoltz Federal Well No. 1 located in Unit J of Section 12, Township 15 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Morton-Wolfcamp Pool and the disposal of produced salt water through the 8 5/8 X 4 1/2-inch casing-casing annulus into the San Andres, Tubb, Abo, and possibly other formations in the open-hole interval from approximately 4330 feet to 9750 feet.
- CASE 4182: Application of Franklin, Aston & Fair, Inc. for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico. Said exception would be for certain of applicant's Loco Hills Field wells located in Units I and P of Section 20, Township 17 South, Range 30 East, Unit A of Section 17 and Unit F of Section 4, Township 18 South, Range 30 East, and Unit O of Section 36, Township 17 South, Range 29 East, Eddy County, New Mexico. Disposal would be into unlined surface pits in the vicinity of said wells.
- CASE 4183: Application of Pan American Petroleum Corporation for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Cedar Point Unit Area comprising 5,120 acres, more or less, of State and Federal lands in Township 15 South, Range 30 East, Chaves County, New Mexico.
- CASE 4172: (Continued from the July 23, 1969. Examiner Hearing)  
Application of Pennzoil United, Inc. for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the East Lovington-Pennsylvanian Pool, Lea County, New Mexico, including a provision for 80-acre oil proration units.
- CASE 4184: Application of Pennzoil United, Inc. for the creation of a new oil pool, promulgation of special rules therefor, and a non-standard oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Pennsylvanian oil pool for its Gallagher "8" State Well No. 1 located in the NW/4 NW/4 of Section 8, Township 17 South, Range 34 East, Lea County, New Mexico, and for the promulgation



(Case 4184 continued)

of special rules therefor including a provision for 160-acre proration units and well locations in either the Northwest or Southeast quarter of a quarter section. Applicant further seeks an exception to said proposed rules to re-enter its Monsanto Gallagher State Well No. 1 located 660 feet from the South and West lines of said Section 8 and to recomplete said well in the subject pool.

CASE 4185: Application of Pennzoil United, Inc., for the creation of a new oil pool and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Wolfcamp oil pool for its Sinclair "6" State Well No. 1 located 660 feet from the South line and 760 feet from the East line of Section 6, Township 17 South, Range 34 East, Lea County, New Mexico, and for the promulgation of special rules therefor including a provision for 160-acre proration units and well locations in either the Northwest or Southeast quarter of a quarter section.

CASE 4186: Application of Tenneco Oil Company for compulsory pooling and an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Basin-Dakota Gas Pool underlying the North half of Section 11, Township 29 North, Range 13 West, San Juan County, New Mexico, said acreage to be dedicated to a well to be drilled at an unorthodox gas well location 2250 feet from the North line and 660 feet from the East line of said Section 11. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4187: Application of Aztec Oil & Gas Company for the amendment of Administrative Order NWU-341 and Commission Order No. R-2046, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Administrative Order NWU-341 and Commission Order No. R-2046, which orders established, respectively and among other units, certain non-standard gas proration units for the Blanco Mesaverde and Basin-Dakota Pools in Sections 7, 8, 9, 10, 11, 12, 18, and 19, Township 32 North, Range 8 West, San Juan County, New Mexico. Applicant seeks to amend said orders in such a manner as to establish eight co-extensive Mesaverde and Dakota gas proration units in Sections 7, 8, 9, 10, 11, 12, and 18, said units to average 318.89 acres each.

Examiner Hearing - August 6, 1969

-4-

Docket No. 22-69

CASE 4188: Application of Coastal States Gas Producing Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower San Andres formation in the open-hole interval from approximately 5025 feet to 5125 feet in its Santa Fe State Well No. 2 located in Unit F of Section 33, Township 9 South, Range 37 East, West Sawyer-San Andres Pool, Lea County, New Mexico.

CASE 4189: Application of Cayman Corporation for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the well location requirements for the High Plains-Pennsylvanian Pool as promulgated by Rule 4 of Order No. R-2874, to permit the drilling of a well at an unorthodox location in the center of the SE/4 NE/4 of Section 15, Township 14 South, Range 34 East, Lea County, New Mexico.

Form C-100  
Revised 1-1-65

Case 4181

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

|   |                       |   |   |  |  |
|---|-----------------------|---|---|--|--|
| OPERATOR<br><b>J.M. Huber Corporation</b>   |                       | ADDRESS<br><b>1900 Wilco Building, Midland, Texas 79701</b>                             |   |  |  |
| LEASE NAME<br><b>Stoltz Federal</b>   | WELL NO.<br><b>1</b>  | FIELD<br><b>Morton Lower Wolfcamp</b>   | COUNTY<br><b>Lea</b>  |  |  |
| LOCATION<br>UNIT LETTER <b>J</b> WELL IS LOCATED <b>1980</b> FEET FROM THE <b>East</b> LINE AND <b>2310</b> FEET FROM THE <b>South</b> LINE, SECTION <b>12</b> TOWNSHIP <b>15-S</b> RANGE <b>34-E</b> NMPM. |                       |   |   |  |  |
| CASING AND TUBING DATA  |                       |   |   |  |  |
| NAME OF STRING  | SIZE                  | SETTING DEPTH   | SACKS CEMENT  | TOP OF CEMENT  | TOP DETERMINED BY                          |
| SURFACE CASING  | <b>13-3/8"</b>        | <b>370'</b>   | <b>275</b>  | <b>Circulated</b>  |  |
| INTERMEDIATE  | <b>8-5/8"</b>         | <b>4,330'</b>   | <b>200</b>  | <b>3,614'</b>  | <b>Temperature Sur.</b>                    |
| LONG STRING   | <b>4-1/2"</b>         | <b>10,400'</b>  | <b>240</b>  | <b>9,750'</b>  | <b>Temperature Sur.</b>                    |
| TUBING  | <b>2-3/8"</b>         | <b>10,350'</b>  | NAME, MODEL AND DEPTH OF TUBING PACKER<br><b>Guiberson KVL with K Anchor at 10,350'</b> |  |  |
| NAME OF PROPOSED INJECTION FORMATION<br><b>San Andres</b>   |                       | TOP OF FORMATION<br><b>4235'</b>  |   | BOTTOM OF FORMATION<br><b>5660'</b>  |  |
| IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?<br><b>Annulus</b>  |                       | PERFORATIONS OR OPEN HOLE?<br><b>Open Hole</b>  |   | PROPOSED INTERVAL(S) OF INJECTION<br><b>4330' - 5660'</b>                                      |  |
| IS THIS A NEW WELL DRILLED FOR DISPOSAL?<br><b>No</b>   |                       | IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?<br><b>Oil production</b> |   | HAS WELL EVER BEEN PERFORMED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?<br><b>Yes</b> |  |
| LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH<br><b>10,368, 10,334, 10,339, 10,331, 10,328, 10,325, 10,318, 10,315, 10,309, 10,301,</b>                           |                       |   |   |  |  |
| DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA<br><b>220'</b>   |                       | CONT'D. ON BACK   |   | DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA<br><b>10,240'</b>                      |  |
| ANTICIPATED DAILY INJECTION VOLUME (BBL'S.)<br><b>70</b>  | MINIMUM<br><b>500</b> | MAXIMUM<br><b>500</b>   | OPEN OR CLOSED TYPE SYSTEM<br><b>Closed</b>   | IS INJECTION TO BE BY GRAVITY OR PRESSURE?<br><b>Gravity</b>                                   | APPROX. PRESSURE (PSI)<br><b>Vacuum</b>    |
| ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE -<br><b>Yes</b>   |                       |   | WATER TO BE DISPOSED OF<br><b>Yes</b>   | NATURAL WATER IN DISPOSAL ZONE<br><b>Yes</b>   | ARE WATER ANALYSES ATTACHED?<br><b>Yes</b> |
| NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)<br><b>Mrs. P.E. Roddy, Lubbock, Texas 79400 (3110 32nd. Street)</b>   |                       |   |   |  |  |
| LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL<br><b>Gulf Oil Corporation, P.O. Drawer, 1938, Roswell, New Mexico 88201</b>                                    |                       |   |   |  |  |
| <b>Union Oil Co. of California, Suite 300, Security National Bldg., Roswell, N.M.</b>   |                       |   |   |  |  |
| <b>Stoltz &amp; Co. P.O. Box 1714, Midland, Texas 79701</b>   |                       |   |   |  |  |
| <b>Humble Oil &amp; Refining Co., P.O. Box 1600, Midland, Texas 79701</b>   |                       |   |   |  |  |
| <b>Texaco, Savings Building (Midland), Midland, Texas 79701</b>   |                       |   |   |  |  |
| HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?<br><b>Yes</b>   |                       | SURFACE OWNER<br><b>Yes</b>   |   | EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL<br><b>Yes</b>                                  |  |
| ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)<br><b>Yes</b>   |                       | PLAT OF AREA<br><b>Yes</b>  |   | ELECTRICAL LOG<br><b>Yes</b>   |  |
|   |                       |   |   | THE NEW MEXICO STATE ENGINEER<br><b>Yes</b>  |  |
|   |                       |   |   | DIAGRAMMATIC SKETCH OF WELL<br><b>Yes</b>  |  |

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

*Bob A. L. [Signature]*  
(Signature)

**DOCKET NAMED**  
District Engineer **7-24-69** June 26, 1969  
(Title) (Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

Case 4181

Bob Alexander

WELL DATA SHEET

Lease STOLTZ FEDERAL No. 1 Well No. 7  
 Location 1980 FE 62130 ES Lines County LEA State NEW MEX.  
SEC 12-155-34E

K. B. Elev. \_\_\_\_\_  
 G. L. Elev. 4057  
 Distance "H" \_\_\_\_\_

Date Completed 5-16-66  
 Formation (s) L. Wolfcamp

Initial Production Oil 314 B/D  
 Pump ( ) Flow ( ) Water 0 B/D  
 Other \_\_\_\_\_ Gas \_\_\_\_\_ MCF/D

Initial Treatments TWP - 920 psi

13 3/8" 48 #  
 Set @ 370'  
 W/ 275 Skts.  
 Hole Sz. 17 1/4"  
 Cement Circ.

Cement Top 3614'

8 5/8" 32 #24 #  
 Gr. I Thd. 8 Rd  
 Set @ 4320'  
 W/ 200 Skts.  
 Hole Sz. 12 1/4"

Cement Top 9750'

10242  
 10245  
 10252  
 10286  
 10292  
 10298  
 10301  
 10309  
 10315  
 10318  
 10325  
 10328

15H/FT

10334-10339 15H/FT

KVL PKR @ 10350

10363-68 15H/FT

10371 15H/FT

10382 15H/FT

10388 25H/FT

4 1/2" 11.6/10.5 #  
 Gr. I Thd. 8 Rd  
 Set @ 10400'  
 W/ 240 Skts.  
 Hole Sz. 7 7/8"

Present Production Oil 190 B/D  
 Pump ( ) Flow ( ) Water 75 B/D  
 Other \_\_\_\_\_ Gas GOR 1000:1 MCF/D  
TWP - 175 psi

Present Producing Equipment \_\_\_\_\_

Proposed Work \_\_\_\_\_

UP Wolfcamp

PSI Skew @ 10336  
 SNR 10343

Wolfcamp

Total Depth 10400

Prepared By Bob Alexander Date 6-30-69

[illegible]

J.M. Huber Corp.

Wiley Bldg.

Midland, Texas

JUNE 21, 1969

5343

LABORATORY USE ONLY

Hobbs NM

LEGAL DESCRIPTION

Stollers Fed. #1

7.6

1.014

28

| SOURCE    |  | TOTAL SOLIDS |      | CONSTITUENTS |     |
|-----------|--|--------------|------|--------------|-----|
|           |  | mg/L         | mg/L |              |     |
| Sodium    |  | 10740        | 467  | Chloride     |     |
| Calcium   |  | 900          | 45   | Bicarbonate  |     |
| Magnesium |  | 180          | 15   | Sulfate      |     |
| Iron      |  | 0            | 0    | Carbonate    |     |
|           |  |              |      | 15620        | 440 |
|           |  |              |      | 671          | 11  |
|           |  |              |      | 3500         | 71  |
|           |  |              |      | 150          | 5   |

ENTER DIAPHRAGM (mg/L)

Na/1000

Ca/100

Mg/100

Fe/10

Remarks:

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |

Cl/1000

HCO<sub>3</sub>/10

SO<sub>4</sub>/10

CO<sub>3</sub>/10

J. M. Huber Corp.  
 Wilco Bldg.  
 Midland, Texas

June 21, 1949

Huber Co. No.

76 1949-1950

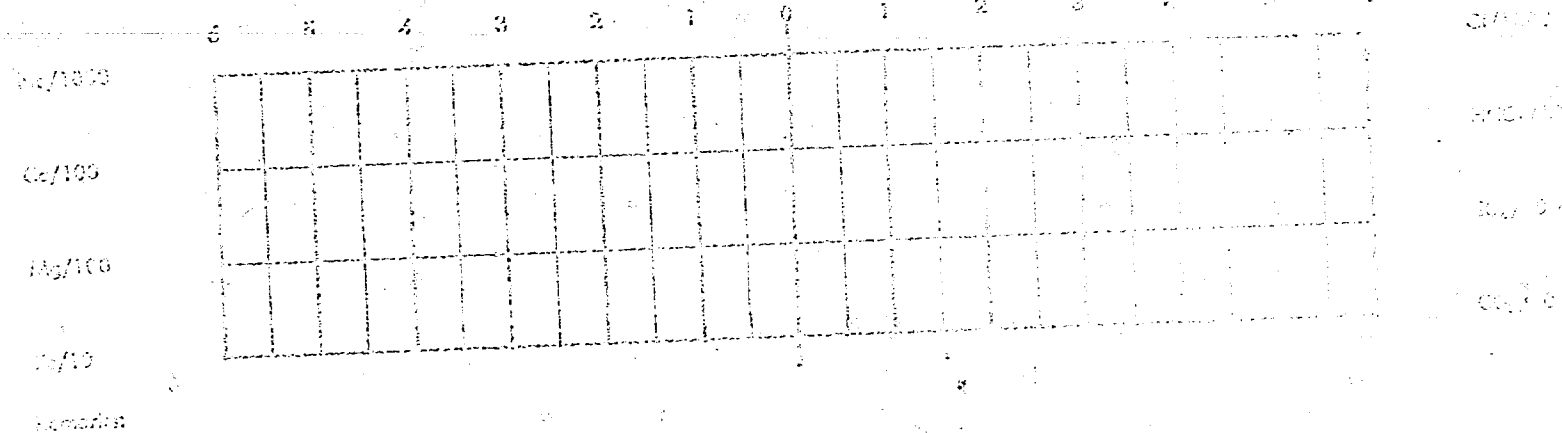
Starched Paper

76 1949-1950

| COMPONENTS | total  | meq/l |
|------------|--------|-------|
| Ca         | 10.740 | 46.7  |
| Mg         | 9.00   | 4.5   |
| Na         | 1.80   | 1.5   |
| K          | 0      | 0     |

| COMPONENTS  | total | meq/l |
|-------------|-------|-------|
| Chloride    | 15.20 | 4.40  |
| Bicarbonate | 6.71  | 1.1   |
| Sulfate     | 3.40  | 2.1   |
| Carbonate   | 1.50  | 5.0   |

STIFF DIAGRAM  
 (meq/l)



Case 4181

J. M. Huber Corp.

Wiley Bldg.

Midland, Texas

June 21, 1967

5943

Huber 1410

| TOTAL SOLIDS |  | STRENGTH |       | STRENGTH    |       |
|--------------|--|----------|-------|-------------|-------|
| CONSTITUENTS |  | ref.     | temp. | ref.        | temp. |
| Water        |  | 10.740   | 46.7  | Chloride    | 1.015 |
| Calcium      |  | 900      | 45    | Bicarbonate | 4.40  |
| Magnesium    |  | 1.00     | 15    | Sulfate     | 1.11  |
| Iron         |  | 0        | 0     | Carbonate   | 3.840 |
|              |  |          |       |             | 1.00  |

| STIFF DIAGRAM (mm/s) |   |   |   |   |   |   |   |   |   |
|----------------------|---|---|---|---|---|---|---|---|---|
| 3                    | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 100/100              |   |   |   |   |   |   |   |   |   |
| 50/100               |   |   |   |   |   |   |   |   |   |
| 10/10                |   |   |   |   |   |   |   |   |   |
| Remarks:             |   |   |   |   |   |   |   |   |   |

Case 4181



1734002

Jan. 24, 1969

## References

Midland, Texas

THE G. L. S. N. 10

| CONSTITUENTS | mo/l. | mo/l. | CONSTITUENTS | mo/l. | mo/l. |
|--------------|-------|-------|--------------|-------|-------|
| Carbon       | 10740 | 467   | Chlorine     | 15120 | 440   |
| Cyclone      | 900   | 45    | Bicarbonate  | 377   | 11    |
| Ammonium     | 180   | 15    | Sulfate      | 3800  | 71    |
| Iron         | 0     | 0     | Carbonate    | 150   | 5     |

DIFF DIAGNOSIS:  
Gastritis

[illegible]

Case 418/

DRAFT

GMH/esr

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. 4181

Order No. R- 3846

APPLICATION OF J. M. HUBER CORPORATION  
FOR A DUAL COMPLETION AND SALT WATER  
DISPOSAL, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 8, 1969,  
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this \_\_\_\_\_ day of October, 1969, the Commission, a  
quorum being present, having considered the record and the recom-  
mendations 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. 4181 is hereby dismissed

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