

copy to OGC - Haggard  
3/15/56

Case # 1064

# HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS

March 13, 1956

DC-290  
Due 3/25/56

J. W. HOUSE

Called on 3/14/56  
Mr. Sinskey  
Atlantic  
to notify  
will hold  
NSR-254  
done 4/14/56  
of upon completion

Re: Dual Completion

New Mexico State "AO" Well No. 1  
SW/4, Section 11, T-19-S, R-36-E,  
Lea County, New Mexico

New Mexico Oil Conservation Commission  
Box 371  
Santa Fe, New Mexico

Gentlemen:

copy by  
Docket  
sent 4/10/56

Examiner Hg  
Haggard  
on 4/25/56

Humble Oil & Refining Company respectfully requests that we be granted a permit to dual complete our New Mexico State "AO" Well No. 1 as a gas well from the upper Queen in the Eumont Pool and as an oil well from the lower Queen in the Eumont Pool. In support of this application we submit the following information:

1. New Mexico State "AO" Well No. 1 will be located 660 feet from the south line and 1980 feet from the west line of Section 11, T-19-S, R-36-E, Lea County, New Mexico.

2. Well will be drilled to a total depth of approximately 4100 feet and a string of 5 1/2 inch casing set on bottom.

3. The lower Queen will be perforated for oil production from an approximate interval of 4045-4100 feet. This section will produce as an oil well through the tubing. *Eumont Pool*

4. The upper Queen will be perforated for gas production at an approximate interval of 3875-3920 feet. This section will produce as a gas well through the casing. *Eumont Pool*  
*Tubing annulus*

5. A packer will be set so as to segregate the producing intervals.

6. The dual completion of this well will be in the interest of conservation and the mechanics of the dual completion are feasible and practical.

7. The non-standard gas proration unit will be described as the SW/4 of Section 11, T-19-S, R-36-E.

8. Said proration unit lies wholly within a single governmental section and consists of contiguous quarter-quarter sections.

9. The entire proposed unit may be reasonably presumed to be productive of gas.

10. The length or width of said unit does not exceed 5280 feet.

New Mexico Oil Conservation Commission  
March 13, 1956  
Page 2

11. Copies of this application have been furnished to all offset operators by certified mail.

12. Attached is a diagramatic sketch, Form C-128, and location plat.

We request that the Oil Conservation Commission issue the necessary order permitting the dual completion of said well and permitting the assignment of a non-standard gas proration unit.

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

Yours very truly,

HUMBLE OIL & REFINING COMPANY

J. W. HOUSE  
Division Superintendent

By H. L. Hensley  
H. L. Hensley  
Asst. Div. Superintendent

Sworn to and subscribed before me this the 13th day of March 1956.

Shirley J. Elmer SHIRLEY J. ELMER  
Notary Public in and for  
Midland County, Texas

COPY

## HUMBLE OIL &amp; REFINING COMPANY

March 13, 1956

Stanolind Oil &amp; Gas Company

✓ Box 899  
Hobbs, New Mexico

Gulf Oil Corporation

Box 2167  
Hobbs, New Mexico

Shell Oil Company

✓ Box 1957  
Hobbs, New Mexico

Sinclair Oil &amp; Gas Company

✓ Box 1470  
Hobbs, New Mexico

Tide Water Associated Oil Company

Attn: J. B. Holloway  
Box 1404  
Houston, Texas

Gentlemen:

Attached is Humble Oil & Refining Company's application to the Oil Conservation Commission of New Mexico for permission to dual complete New Mexico State "AO" Well No. 1 as a Eumont gas well from the upper Queen and as a Eumont oil well from the lower Queen. The non-standard gas proration unit to be assigned will be described as the SW/4 of Section 11, T-19-S, R-36E, Lea County, New Mexico.

This application is submitted to you as an offset operator in compliance with Commission rules and regulations.

Yours very truly,

HUMBLE OIL &amp; REFINING COMPANY

J. W. HOUSE

Division Superintendent

By

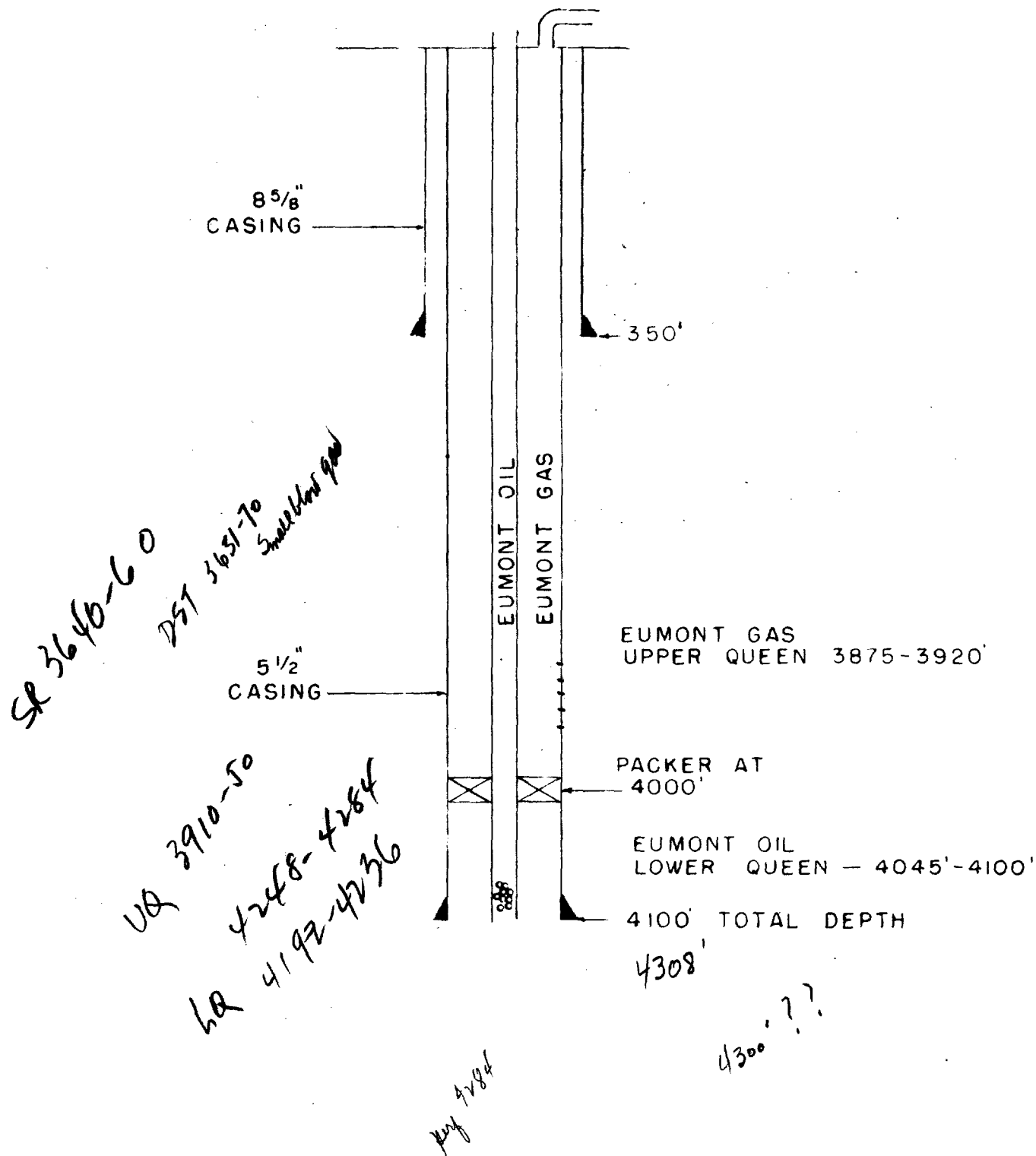
H. L. Hensley  
H. L. Hensley

Asst. Div. Superintendent

AJT:jfg

Attachment

# SCHEMATIC DIAGRAM OF PROPOSED DUAL COMPLETION HUMBLE - NEW MEXICO STATE "AO"



NEW MEXICO  
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date 3-12-56

Operator HUMBLE OIL & REFINING

Lease NEW MEXICO STATE "A0"

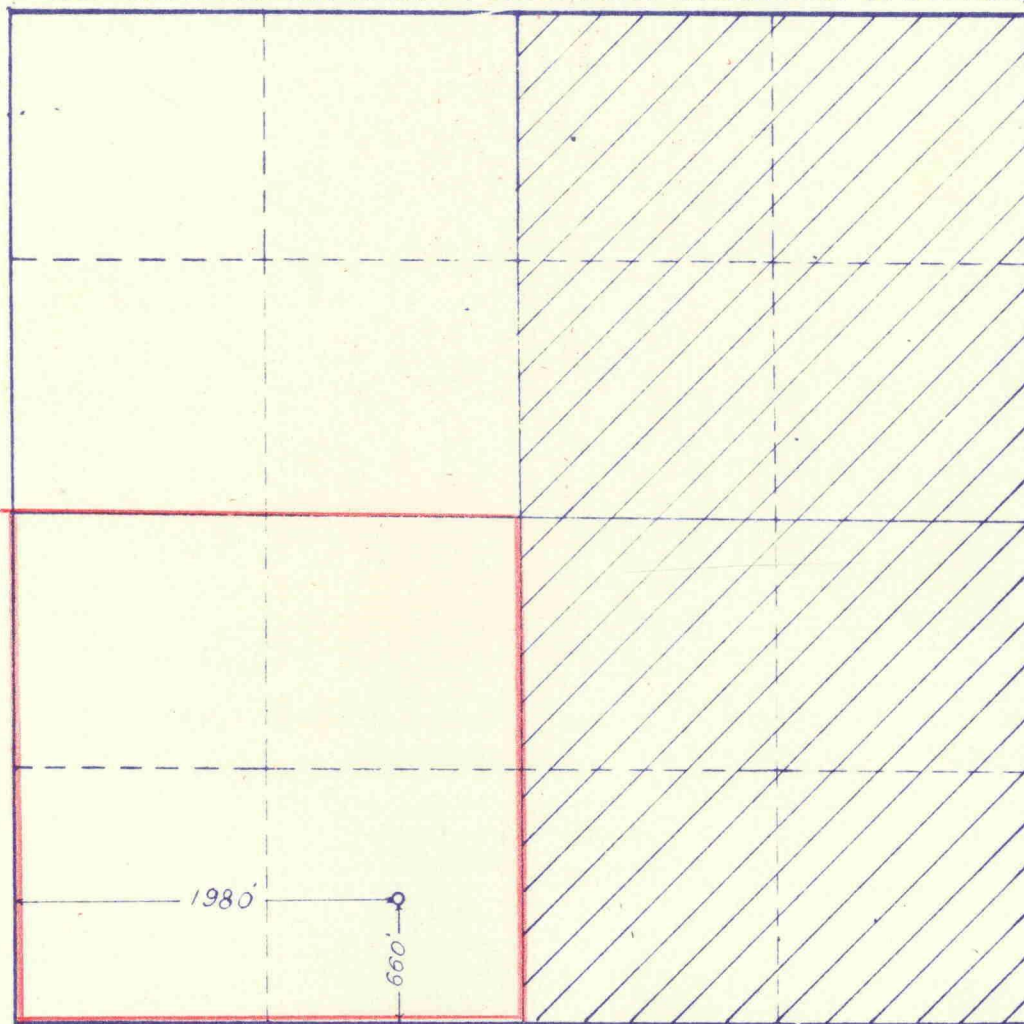
Well No. 1 Section 11 Township 19-S Range 36-E NMPM

Located 660 Feet From SOUTH Line, 1980 Feet From WEST Line,

LEA County, New Mexico. G. L. Elevation \_\_\_\_\_

Name of Producing Formation UPPER-QUEEN Pool EUMONT GAS Dedicated Acreage 160

(Note: All distances must be from outer boundaries of Section)



SCALE: 1" = 1000'

1. Is this Well a Dual Comp.? Yes No
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No \_\_\_\_\_

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Name N. L. Henoley  
Position ASSISTANT DIVISION SUPERINTENDENT  
Representing HUMBLE OIL & REFINING CO.  
Address BOX 1600 MIDLAND, TEXAS

Date Surveyed 3-12-56  
E. T. Shaban  
Registered Professional Engineer and/or  
Land Surveyor

W-A-2059



NEW MEXICO  
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date 3-12-56

Operator HUMBLE OIL & REFINING CO.

Lease NEW MEXICO STATE "A0"

Well No. 1 Section 11 Township 19-S Range 36-E NMPM

Located 660 Feet From SOUTH Line, 1980 Feet From WEST Line,

LEA

County, New Mexico. G. L. Elevation \_\_\_\_\_

Name of Producing Formation LOWER QUEENS Pool EUMONT-OIL Dedicated Acreage 40

(Note: All distances must be from outer boundaries of Section)



SCALE: 1" = 1000'

1. Is this Well a Dual Comp. ? Yes No
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No \_\_\_\_\_

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Name A L Hensley  
Position ASSISTANT DIVISION SUPERINTENDENT  
Representing HUMBLE OIL & REFINING CO.  
Address BOX 1600 MIDLAND, TEXAS

Date Surveyed 3-12-56  
E. T. Shahan  
Registered Professional Engineer and/or  
Land Surveyor

W-A-2058

FILED  
HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS

April 27, 1956

Case No. 1064

1956 APR 30 PM 1:17

J. W. HOUSE

AMENDED APPLICATION

Re: Dual Completion New Mexico State "AO"  
Well No. 1, SW/4 Section 11, T-19-S,  
R-36-E, Lea County, New Mexico

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

Gentlemen:

Humble Oil & Refining Company respectfully requests that we be granted a permit to dual complete our New Mexico State "AO" Well No. 1, as a gas well from either the upper Queen or Seven Rivers and an oil well from the lower Queen in the Eumont Pool. In support of this application we submit the following information:

1. New Mexico State "AO" Well No. 1 will be located 660 feet from the South line and 1980 feet from the West line of Section 11, T-19-S, R-36-E, Lea County, New Mexico.
2. Well has been drilled to a total depth of 4308 feet.
3. The lower Queen is perforated for oil production from 4192 - 4236 feet and 4248 - 4284 feet. This section will produce as an oil well through the tubing.
4. The upper Queen will be perforated from 3910 - 3950 feet. Should this section produce oil, then it will produce with the lower Queen, but should this section be gas, then it will produce through the casing as the gas section of the dual completion.
5. The Seven Rivers will be perforated for gas production from 3640 - 3660 feet.
6. A packer will be set so as to segregate the producing intervals.
7. The dual completion of this well will be in the interest of conservation and the mechanics of the dual completion are feasible and practical.

8. The non-standard gas proration unit will be described as the SW/4 of Section 11, T-19-S, R-36-E.
9. Said proration unit lies wholly within a single governmental section and consists of contiguous quarter-quarter sections.
10. The entire proposed unit may be reasonably presumed to be productive of gas.
11. The length or width of said unit does not exceed 5280 feet.
12. Copies of this application have been furnished to all offset operators by certified mail.
13. Attached is a diagrammatic sketch and location plat. Form C-128 was furnished with original application.

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

Yours very truly,

HUMBLE OIL & REFINING COMPANY

J. W. HOUSE,  
Division Superintendent

By: *N P Hensley*  
Asst. Div. Superintendent

Sworn to and subscribed before me this 27th day of April 1956.

*Shirley I Elmer* SHIRLEY I ELMER  
Notary Public in and for Midland County



# HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS

April 27, 1956

J. W. HOUSE

Atlantic Refining Company  
Box 871  
Midland, Texas

Amerada Petroleum Corporation  
Attention: Mr. R. S. Christie  
Box 2040  
Tulsa, Oklahoma

Gulf Oil Corporation  
Box 2167  
Hobbs, New Mexico

Shell Oil Company  
Box 1957  
Hobbs, New Mexico

Tide Water Assoc. Oil Co.  
Attention: Mr. J. B. Holloway  
Box 1404  
Houston, Texas

Gentlemen:

Please find attached a copy of Humble Oil & Refining Company's amended application to dual complete New Mexico State "AO" Well No. 1, Eumont Pool, Lea County, New Mexico.

This application is furnished you as an offset operator in compliance with Commission rules and regulations.

Yours very truly,

HUMBLE OIL & REFINING COMPANY

J. W. HOUSE,  
Division Superintendent

By: *H L Hensley*  
Asst. Div. Superintendent

AJT/se  
Attachment

# SCHEMATIC DIAGRAM OF PROPOSED DUAL COMPLETION HUMBLE - NEW MEXICO STATE "AO"

