

CC-0cc - *Holt*
8/10/56
J. W. HOUSE

HUMBLE OIL & REFINING COMPANY
HEAD OFFICE OCC
MIDLAND, TEXAS

NSP-314
Date 9/8/56

1956 AUG 7 1956 1:13

Re: New Mexico State "M" No. 1, 1980 feet from South and East lines, Section 18; T-22-S; R-37-E, Eumont Pool, Lea County, New Mexico

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

Gentlemen:

Humble's New Mexico State "M" Well No. 1 was completed May 1, 1940, in 6-1/4-inch open hole from 3609 feet to 3715 feet with 7-inch casing set at 3609 feet and by natural flow produced at the rate of 1308 barrels of oil per day with a gas-oil ratio of 810 when flowed on a 1-inch choke. Completion was from the Queen and Grayburg formations in the Arrowhead Pool. Production declined to such a point that it was recently necessary to work the well over by setting a retainer at 3595 feet and squeezing the producing section 3609 feet to 3715 feet. Well was then perforated in the Queen from 3530 feet to 3550 feet and sand-oil fractured. On a 24 hour test through 1/2-inch choke taken on August 5, 1956, the well produced 15 barrels distillate, 1713 MCF gas for a ratio of 108080. On the basis of the results obtained from the workover, we respectfully request that the well be classified as a Eumont Field Gas well and assigned a 160 acre non-standard gas proration unit.

1. Name and location - New Mexico State "M" Well No. 1, 1980 feet from the South and East lines of Section 18, T-22-S, R-37-E, Lea County, New Mexico.
2. The acreage to be dedicated is 160 acres described as the SE/4 Section 18, T-22-S, R-37-E.
3. The non-standard gas proration unit consists of contiguous quarter-quarter sections.
4. The non-standard gas proration unit lies wholly within a single governmental section.
5. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas.
6. All operators owning interests within 1500 feet of the well have been notified by registered mail.

NW/4 SE/4

New well

New Mexico Oil Conservation Commission
August 7, 1956
Page 2

It is our understanding that this request can be granted by administrative approval.

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 P Henoley*
Asst. Div. Superintendent

Subscribed and sworn to before me this the 7th day of August, 1956.

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

AJT/se

COPY

HUMBLE OIL & REFINING COMPANY

August 7, 1956

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

Gulf Oil Corporation
 Box 2167
 Hobbs, New Mexico

Gentlemen:

Please find attached a copy of our application to the New Mexico Oil Conservation Commission for approval of a 160 acre non-standard gas proration unit in the Eumont Pool for our New Mexico State "M" Well No. 1, located 1980 feet from the South and East lines of Section 18, T-22-S, R-37-E, Lea County, New Mexico.

This notice is given you in accordance with the Eumont Field Rules.

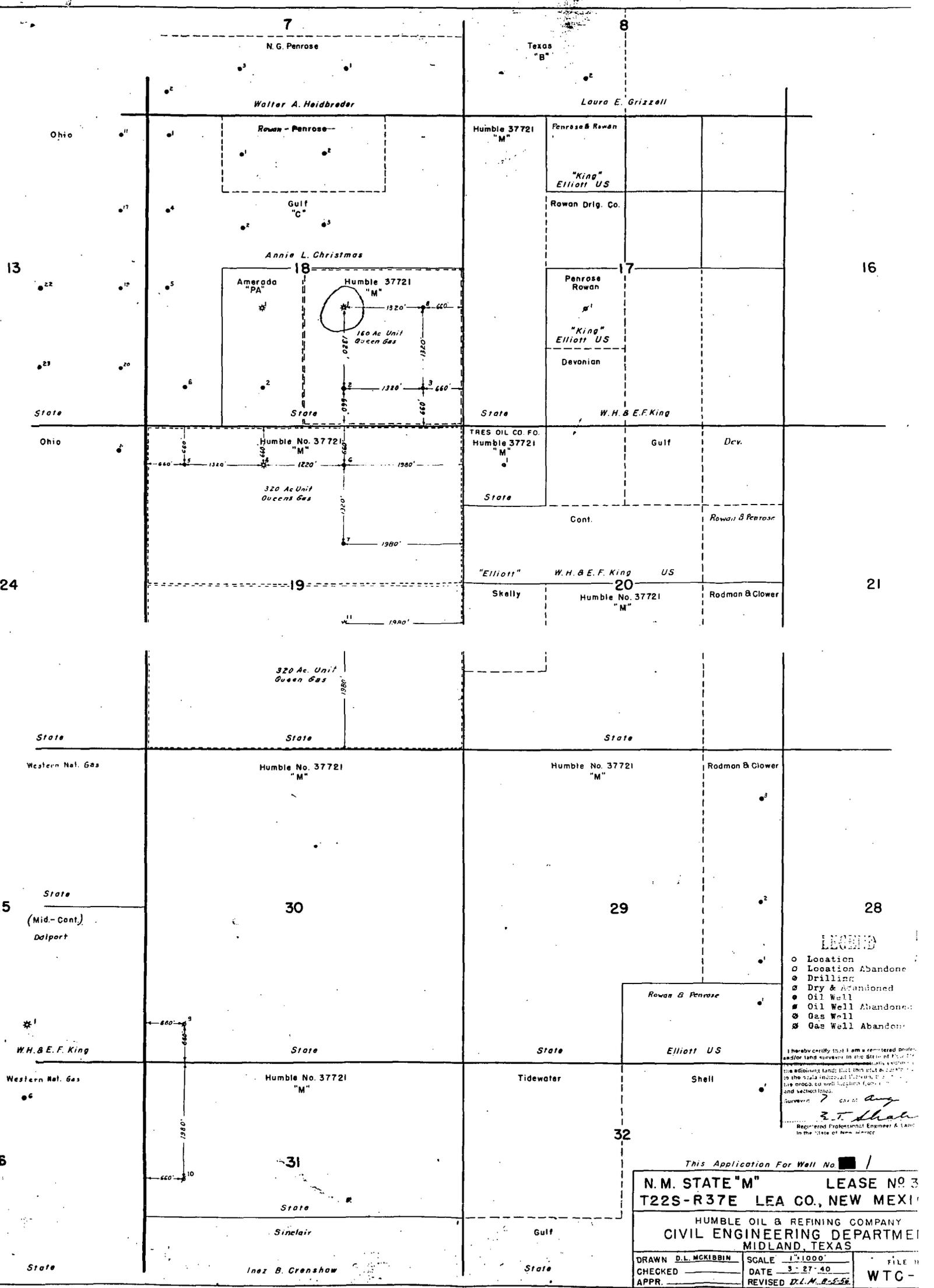
Yours very truly,

HUMBLE OIL & REFINING COMPANY

J. W. HOUSE,
 Division Superintendent

By: ORIGINAL
 SIGNED: H. L. HENSLEY
 Asst. Div. Superintendent

AJT/se
 Attachment



LEGEND

- Location
- Location Abandoned
- ⊙ Drilling
- ⊙ Dry & Abandoned
- Oil Well
- Oil Well Abandoned
- ⊙ Gas Well
- ⊙ Gas Well Abandoned

I hereby certify that I am a registered professional engineer and/or land surveyor in the State of New Mexico, and that the foregoing is a true and correct copy of the original survey as shown to me by the owner of the land, and that the same is in accordance with the laws and regulations of the State of New Mexico, and that I am a duly licensed and sworn surveyor.

[Signature]
 Registered Professional Engineer & Land Surveyor in the State of New Mexico

This Application For Well No. /

N.M. STATE "M" LEASE NO. 3
T22S-R37E LEA CO., NEW MEXICO

HUMBLE OIL & REFINING COMPANY
 CIVIL ENGINEERING DEPARTMENT
 MIDLAND, TEXAS

DRAWN <u>D.L. MCKIBBIN</u>	SCALE <u>1" = 1000'</u>	FILE NO.
CHECKED _____	DATE <u>3-27-40</u>	WTC-
APPR. _____	REVISED <u>D.L.M. 2-55</u>	