IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 6721
Roswell, New Mexico

1957 JAN 2 AM 10:43

December 28, 1956

Humble Oil and Refining Company
P. O. Box 1600
Midland, Texas

Re: Lease Las Cruces 064430-C
Lessee W. H. McKinley

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated December 26, 1956, covering your well No. 1 Railroad Mountain Unit, a 10,000-foot test, on the subject leasehold 660 feet from north and west lines of section 8, T. 8 S., R. 31 E., N.M.P.M., Railroad Mountain unit area, Chaves County, New Mexico.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be furnished on request and subject to the following conditions:

(1) Drilling operations as authorized are subject to the attached sheet for general conditions of approval.

(2) Notify this office in sufficient time to arrange for a representative to witness the cementing operations and the casing and water shut-off tests.

(Orig. Sgd.) J. A. KNAUF

JAMES A. KNAUF
District Engineer

Copy to: NMOCC, Santa Fe ✓
NMOCC, Hobbs

PLEASE READ BEFORE STARTING OPERATIONS

Attention is called to the following general and special requirements for operators on Federal, Indian and Acquired land oil and gas leases. Suspension of operations may be required by the District Engineer for failure to comply with the Operating Regulations, the conditions of drilling approval, and these requirements.

GENERAL

1. All drilling and producing wells shall be permanently marked in a conspicuous place with the name of operator, lease name, serial number of lease, well number, and location. Necessary precautions must be taken to preserve such signs.

2. Any change of drilling plan or condition of approval must have approval of the District Engineer BEFORE the change is made.

3. Before work is started written approval must be obtained unless other arrangements are made in advance with the District Engineer. After work is completed results must be reported to the U. S. Geological Survey by submitting to the District Engineer complete information including the dates the work was done on Form 9-331a (9-331b-Indian), in triplicate, covering:

a. Mudding, cementing, and method and results of testing water shut-off. (Show spud date of well on first report submitted).
b. Drill-stem tests or perforating.
c. Shooting, acid treatment, deepening or plugging back.
d. Casing alterations, packer setting, or repairs of any kind.
e. Gas-lift installations.

4. Monthly report of operations in duplicate on form 9-329 (9-329A-Indian) must be submitted promptly each month to U. S. Geological Survey, Box 6721, Roswell, New Mexico, beginning with spudding of the first well on a lease and continuing until abandonment of all drilling and producing operations is approved.

5. Log, in quadruplicate, on form 9-330, must be submitted to the District Engineer within 15 days of completion, abandonment, or suspension unless operator is otherwise instructed by the District Engineer. The log should include a complete driller's log, descriptions of all cores, results of all drill stem tests, formation tops identified, and all other well information not previously reported. Duplicate copies of all electrical logs, sample logs, drilling time logs, temperature, deviation, and other well surveys also must be filed.

6. All wells and lease premises shall be maintained in a workmanlike manner with due regard to safety, conservation, and appearance.

7. Approval of a notice of intention to drill or abandon any well will be rescinded without further notice if drilling or abandonment is not started within 90 days.

Revised February 1955

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.2.
Approval expires 12-31-52.

X			

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office LC-064420-C
Co. Lease No. 204481
Unit

See Attached Plat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

RAILROAD MOUNTAIN UNIT December 26, 1956

Well No. 1 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 8

NW/4 NW/4, Section 8 (¼ Sec. and Sec. No.) T-8-S (Twp.) R-31-E (Range) - (Meridian)

Wildcat (Field) Chaves (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is later ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

CASING PROGRAM

Size hole	Size Csg.	Weight	Depth
17-1/2"	13-3/8"	48#	300'
12-1/4"	9-5/8"	36#	3600'
8-3/4"	5-1/2"	14#, 15# 17#	10000'

CEMENTING RECORDS

300 sacks
1500 sacks
500 sacks

CORING PROGRAM

2-San Andres 1-Canyon
2-Yeso 2-Devonian
1-Clearfork 1-Montoya
1-Bueco 1-Ellenburger
3-Cisco

Mud Program - Minimum mud from 300' to Total Depth.
Halliburton method of cementing to be used.

Note: We plan to drill this well to 10,000'.

DEC 28 1956
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company

Address Box 1600

Midland, Texas

By [signature]

Title Div. Chief Clerk

U. S. GOVERNMENT PRINTING OFFICE 16—8437-4

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date [redacted] - 19 - 1956

Operator HUMBLE OIL & REFINING CO. Lease RAILROAD MOUNTAIN UNIT

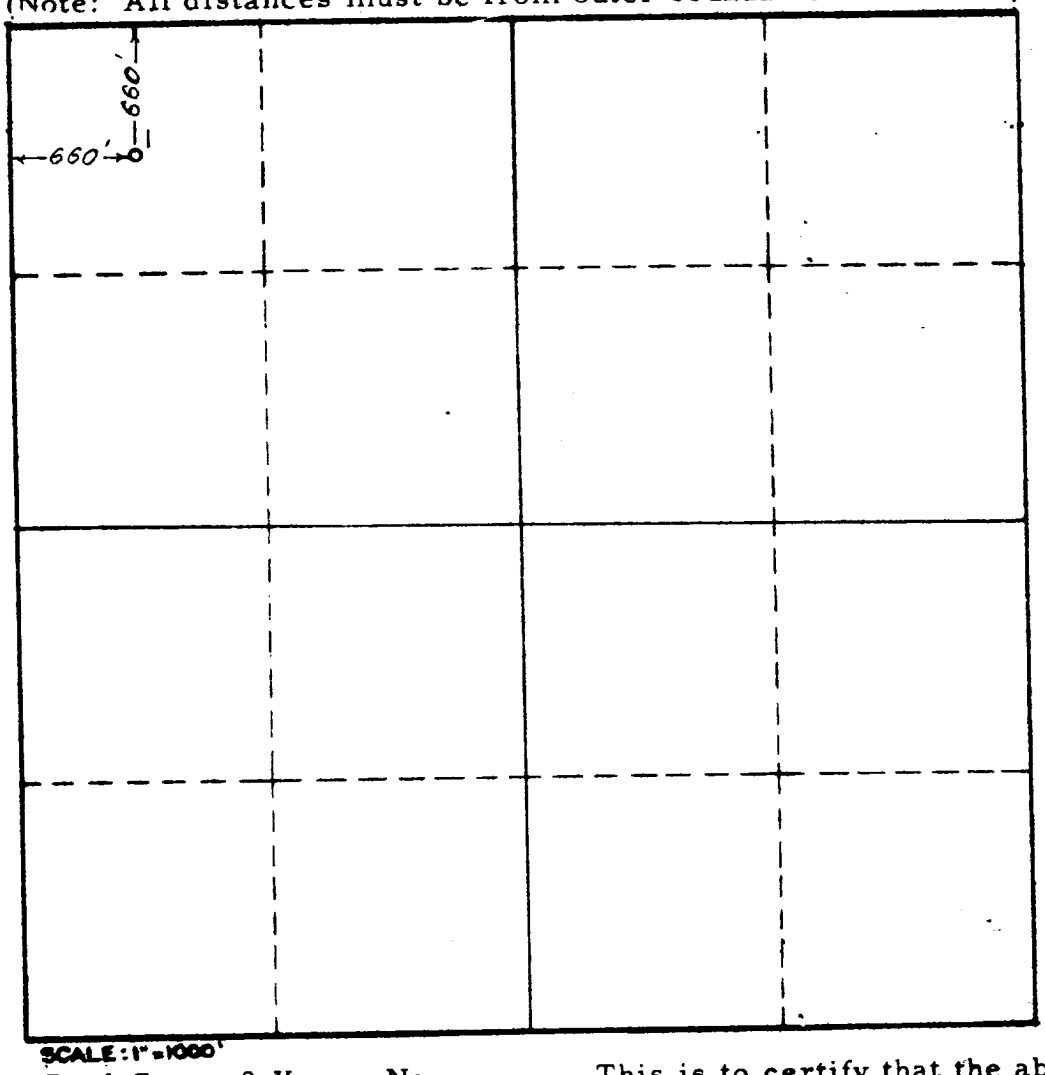
Well No. 1 Section 8 Township - 8 - S Range - 31 - E NMPM

Located 660 Feet From NORTH Line, 660 Feet From WEST Line,

CHAVES County, New Mexico. G. L. Elevation

Name of Producing Formation DEVONIAN Pool WILDCAT Dedicated Acreage 400

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



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U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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 _____.

Name [signature]
Position ASSISTANT DIVISION SUPERINTENDENT
Representing HUMBLE OIL & REFINING CO.
Address BOX 1600 MIDLAND, TEXAS

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.

Date Surveyed 12 - 17 - '56

[signature]
Registered Professional Engineer and/or Land Surveyor W-A 2223

LEASE NO 204481
US NO LC-064420-C