

(SUBMIT IN TRIPLICATE)

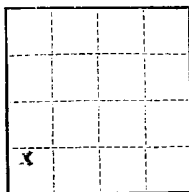
Indian Agency **Navajo**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. **14-20-603-2034**

Co. Loc. No. **234871**



See Attached Flat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	☒	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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR	MAY 8 1959
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	LOGIC
NOTICE OF INTENTION TO ABANDON WELL			

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

Navajo Tribe of Indians F

May 7, 1959

Well No. **26** is located **660** ft. from **S** line and **660** ft. from **W** line of sec. **4**
SW/4 of SW/4 4 **31-N** **17-W** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chimney Rock (Gallup) **San Juan** **New Mexico**
(Field) (County or Subdivision) (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

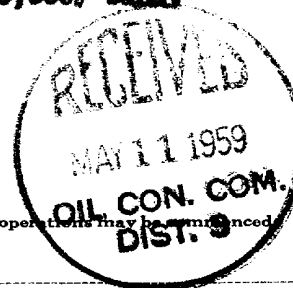
CEMENT PROGRAM

CORING PROGRAM

Size	Wt.	Depth	
7-5/8"	28.4#	35'	Circulate to surface.
5"	18#	1100'	Sufficient volume to cement at least 500' above pay zone.

None

Completion Method: Sand oil fracture with 20,000 gal oil and 30,000# sand.
Halliburton method of cementing to be used.
Proposed total depth 1100' to test Gallup.



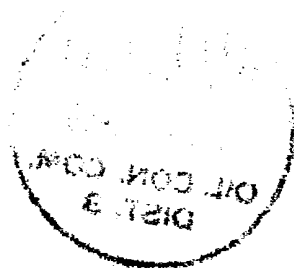
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced

Company **Humble Oil & Refining Co.**

Address **Box 1600**

Midland, Texas

By *[Signature]*
Title **Asst. Div. Chief Clerk**



NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

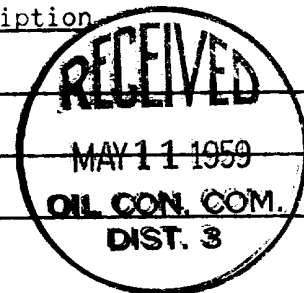
Date May 6 1959

Operator HUMBLE OIL & REFG. CO Lease Navajo Tribe of Indians
Well No. 26 Unit Letter "M" Section 4 Township 31 N Range 17 W NMFM
Located 660 Feet From South Line, 660 Feet From West Line
County San Juan G. L. Elevation _____ Dedicated Acreage 40 Acres
Name of Producing Formation Gallup Sand Pool Chimney Rock

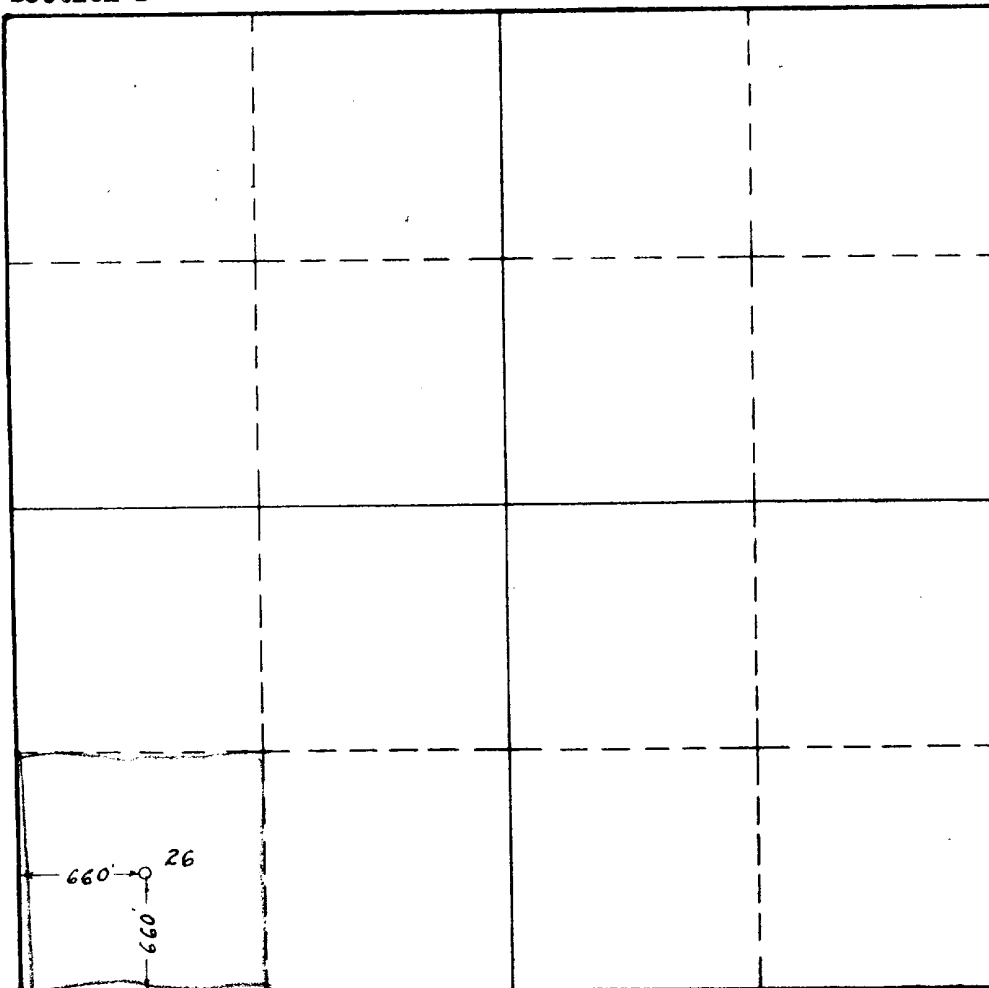
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes ✓ No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description



Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

HUMBLE OIL & REFG. CO
(Operator)

(Representative)
Assistant Division Supt.
Box 1600 Midland, Texas
Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 5-5-59

H. S. Hunterfeld
Registered Professional
Engineer and/or Land Surveyor.

Certificate No. 1382

LEASE NO. 234871

W-A - 2580

(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No.

21-00-000-0000
Co. 100. No. 234973

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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)

Navajo Tribe of

Farmington, New Mexico

July 4, 1959

Well No. **25** is located **440** ft. from **S** line and **440** ft. from **W** line of sec. **4**

21-00-000-0000

7-21-0

2-27-0

10000

(14 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

San Juan

San Juan

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **5000** ft. **00**.

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)

Spotted 7-7/8" hole at 4:30 P.M., 6/24/59. Set 7-7/8" casing at 4' w/ 100 lbs. cement. Drilled w/air to 1200' & mudged up. Run elec. logs. 1150' to 1200' sec. Set 5" oil casing at 1150' w/ 75 lbs. cement. Pumped plug down with 200 gals. 200 & oil. Run Gamma Ray & Collar logs. Forwarded from 1150' to 1200' w/ 200 gals. per foot. Sand/oil flow w/ 200 gals. low, crude and 30,000' sand. Ave. log. rate 14.5 min./min. at 1750'. Moved in with a cement mud from 1150' to 1200'. Set 5" tubing at 1200'. Run rods & pump & set pumping unit. On final 24 hour potential test on 12-00" API pump at 1150'. New FID. Curr. Co. 20-3. First new production oil to tanks 7/1/59.

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

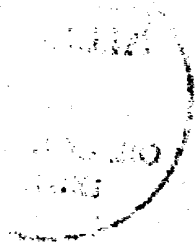
Company **Mobile Oil & Refining Company**

Address **Box 1000**

Farmington, New Mexico

COPY ORIGINAL
SIGNED: **R. M. LILLY**
By **Samuel H. Lilly**

Title **District Superintendent**



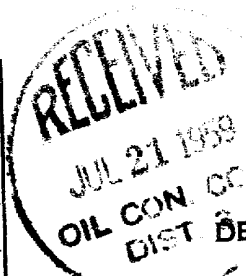
U. S. LAND OFFICE

Santa Fe

SERIAL NUMBER

24-80-603-2074

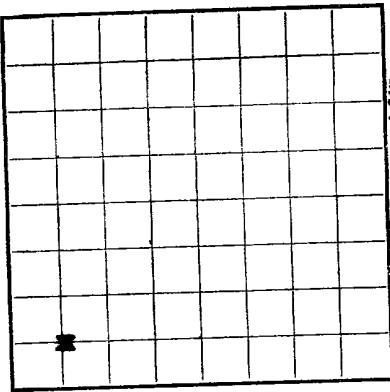
LEASE OR PERMIT TO PROSPECT



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
U. S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Bumble Oil & Refining Company Address Box 1268, Farmington, New Mexico
Box 2180, Houston 1, Texas
Lessor or Tract Navajo Tribe "F" Field Chimney Rock Gallup State New Mexico
Well No. 26 Sec. 4 T. 31-N R. 17-E Meridian NMNM County San Juan
Location 660 ft. N. of 3 Line and 440 ft. E. of W Line of Section 4 Elevation 5266 Gr.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Russell M. Lilly
Russell M. Lilly Title District Superintendent

Date July 15, 1959

The summary on this page is for the condition of the well at above date.

Commenced drilling June 16, 1959 Finished drilling June 20, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G.)

No. 1, from 1055' to 1100' No. 2, from 1100' to 1138' No. 3, from 1138' to 1150' No. 4, from 1150' to 1160'

IMPORTANT WATER SANDS

No. 1, from 1100' to 1138' No. 2, from 1138' to 1150' No. 3, from 1150' to 1160' No. 4, from 1160' to 1170'

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7-5/8"	48	8	None	6	Dumped	Drld. w/air			
5"	25	8	None	75	Pumped	Drld. w/air to 1050' ((96))			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	48'	6	Dumped	Drld. w/air	-
5"	1130'	75	Pumped	Drld. w/air to 1050' ((96))	-

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from 0' feet to 1138' feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing July 5, 1959, 19____

The production for the first 24 hours was 62 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

V. R. Balcher, Driller (Cherokee Air Drig. Co.), Driller

E. L. Dollar, Driller _____, Driller

E. Pleasant

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1138'	1138'	Sand & Shale. <u>FORMATION TOPS:</u> Gallup 1055' Sanctos 1100'

FORMATION RECORD—Continued

ISSUE OR PERMIT TO PROSPECT
SERIAL NUMBER
U.S. PLANT OFFICE
1-30-00-0001

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 21 1964
OIL COUNCIL
DIST. 8

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DATE: _____

LOCATE WELL CORRECTLY

Company: _____

Section or Tract: _____

Well No.: _____

Location: _____ of _____ Line and _____

The information given between is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed: _____

Witness: _____

Address: _____

Locality: _____

County: _____

State: _____

Locate well correctly

Completed drilling _____ 19____
Finished drilling _____ 19____
The summary on this page is for the condition of the well at above date _____ 19____

OIL OR GAS SANDS OR ZONES

Shaded 9-7/8" hole at 430 P.M., 6/16/59. Set 7-5/8" OD casing at 48' w/6 sacks lag cement. Drilled w/water to 1050' & mudded up. Run shoe logs. 1136' TD. 1129' FMD. Set 5" OD casing at 1130' w/19 sacks cement. Pumped down with 200 gals. 1064' depth. Run gamma ray & cotton logs. Rechecked from 1054' to 1068' w/2 jet shots per foot. Sand/Oil free w/20,000 gals. Two grades and 30,000 sand. Ave. Int. rate 44.5 gal./min. at 1750'. Moved in with a standard beam from 1054' to 1129'. Set 2" tubing on 1054'. Run rods & pump and set pumping unit. On stand 26 hour potential test on 16-30" 314 pumped 62 bbls. new fluid. Core 05-39.3. First new production oil to tanks 7/5/59.

(1) (continued)

OIL ON THE SANDS OF TEXAS

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

MIDDLING AND CEMENTING RECORD

Size Casting	Weight	Number sacs of cement	Method used	Mud gravity	Amount of mud used
12"	12"	8	Water	10.0	"
12"	12"	10	Water	10.0	"
12"	12"	10	Water	10.0	"

PLUGS AND ADAPTERS

Adapters—Material					
Hearing plug—Material					
Depth set					

SHOOTING RECORD

[illegible]

TOOL USED

Hotel tools were used from	12-1-1931	feet and from	feet to
Hotel tools were used from	12-1-1931	feet and from	feet to

DATE

emission; 2% water; and 0% sediment. The production for the first 24 hours was 11 barrels of fluid of which 10% was oil; 2% water; and 0% sediment.	Put to producing 10% water; and 0% sediment.
---	---

REVIEWS

Diffier			
Diffier			

FORMATION RECORD

FROM	TO	TOTAL SENT	FORMATION
10	1000	1000	1000 1000 1000 <u>1000 1000 1000</u> 1000 1000 1000 1000 1000 1000

FORMATION RECORD-Continued

FORMATION