

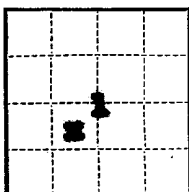
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 11-20-403-2033



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	<input checked="" type="checkbox"/>	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)

May 3, 1963

Navajo Tribe of Indians  
Well No. 9 is located 1900 ft. from S line and 1000 ft. from W line of sec. 1

NE 1/4 Section 1 11N 17W 107N  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Unmanned San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5205 ft. G. L.

DETAILS OF WORK

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

**Note:** This may be the next well drilled on this lease, well No. 8 currently being drilled. Permits to drill wells number 9, 10 & 11 have been received, but our plans are not definite as to which location will be drilled next. A well number will be assigned at a later date.

Rotary drilling equipment will be used to drill to approx. 1300', a Sanatee test. Approx. 200' of 7" surface casing will be run and cemented to surface. If production is encountered the required amount of 4 1/2" casing will be run and cemented with sufficient cement to cover the highest potentially productive zone. Air, oil or mud may be used for circulation. All shows will be tested and logs will be run prior to setting casing or abandonment. Stimulation treatments may be used in completion.

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 P. O. Box 3002

Burnage, Colorado

By COPY (ORIGINAL SIGNED) H. L. FARRIS

Title Dist. Dept.

Well Location and Acreage Dedication Plat

## Section A.

Date May 3, 1963Operator HUMBLE OIL AND REFINING COMPANYLease Navajo Tribe of Indians "G"Well No. 9 Unit Letter K Section 1 Township 31 NORTH Range 17 WEST NMPMLocated 1980 Feet From the SOUTH Line, 1980 Feet From the WEST LineCounty SAN JUAN G. L. Elevation 5285.0' Dedicated Acreage 40 AcresName of Producing Formation Gallup Pool Unnamed

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:

OwnerLand 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 &amp; Refining Company

COPY (ORIGINAL (Operator) SIGNED) H. L. FARRIS

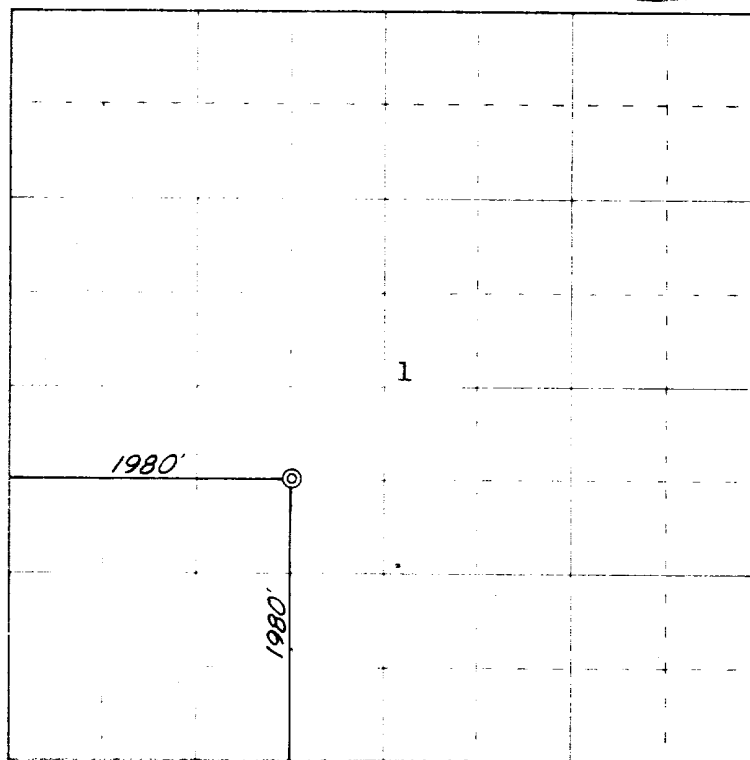
(Representative)

P. O. Box 3082

(Address)

Durango, Colorado

Note: All distances must be from outer boundaries of section.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile

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.

(Seal)

Date Surveyed 2 May 1963

Farmington, New Mexico

James P. Leese  
 Registered Professional Engineer and/or Land Surveyor  
 James P. Leese, N. Mex. Reg. No. 1433  
 San Juan, New Mexico

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**SANTA FE, NEW MEXICO**  
**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION**  
**TO TRANSPORT OIL AND NATURAL GAS**

**FORM C-110**  
 (Rev. 7-60)

*B.T.*

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Humble Oil &amp; Refining Company</b>				Lease <b>Nav. Tribe of Ind. "G"</b>		Well No. <b>209</b>	
Unit Letter <b>K</b>	Section <b>1</b>	Township <b>31N</b>	Range <b>17W</b>	County <b>San Juan</b>			
Pool <b>Unnamed</b>				Kind of Lease (State, Fed, Fee) <b>Indian</b>			
If well produces oil or condensate give location of tanks			Unit Letter <b>D</b>	Section <b>10</b>	Township <b>31N</b>	Range <b>17W</b>	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>  <b>El Paso Natural Gas Products Co.</b>				Address (give address to which approved copy of this form is to be sent)  <b>P. O. Box 1565, Farmington, New Mexico</b>			
Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>			Date Connected	Address (give address to which approved copy of this form is to be sent)			

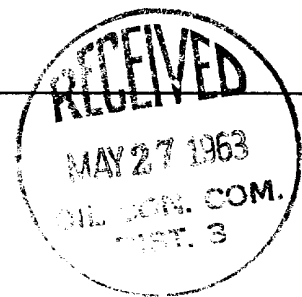
If gas is not being sold, give reasons and also explain its present disposition:

**Gas flared at present, No gas sales line connection.**

**REASON(S) FOR FILING** (please check proper box)

New Well ..... ☒ Change in Ownership ..... ☐  
 Change in Transporter (check one) Other (explain below)  
 Oil ..... ☐ Dry Gas ..... ☐  
 Casing head gas . ☐ Condensate . . ☐

Remarks



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 14 th day of May, 1963.

OIL CONSERVATION COMMISSION		By <b>COPY (ORIGINAL SIGNED) B. M. BRADLEY</b>	
Approved by <b>Original Signed By</b> <b>A. R. KENDRICK</b>		Title <b>District Production Supt.</b>	
Title <b>PETROLEUM ENGINEER DIST NO 3</b>		Company <b>Humble Oil &amp; Refining Company</b>	
Date <b>MAY 27 1963</b>		Address <b>Box 3082, Durango, Colorado</b>	

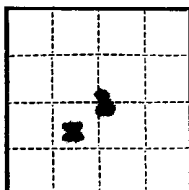
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allettee \_\_\_\_\_

Lease No. 21-20-603-0033



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	<b>GASING, PERFORATING AND SAND FRAC RECORD</b>	<b>X</b>

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

May 17, 19 63

Navajo Tribe of Indians  
Well No. 2 is located 1900 ft. from S line and 1900 ft. from W line of sec. 2

NE SW Section 1 T1N 17W R10E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Marathon Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5205' G. L.

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 RECORD:** Set 2 joints 8-5/8" @ 7 1/2', cemented w/52 cc. plus 25 cc. oil.  
(Note: Verbal approval from USGS to set 8-5/8" instead of 7" as stated on "Notice of Intention to Drill".)  
Set 10 jts. 1 1/2" casing @ 1260', cemented w/60 cc. 50-50 Pozmix.  
Run Temp. Survey, top of cement @ 830'.

**PERFORATIONS:** 1200-17' with 2 holes per foot.

**FRAC TREATMENT:** 7000 gal. crude oil plus 17,500# 20-40 water wet sand and 140 gals. Rubberfrac. Breakdown 3000# to 1500#. Max. treating press. 1500#, min. 1300#, avg. inj. rate 26 BPM. 81 700#, 15 min. 600#.

Completed 5-14-63 as an oil well flowing 372 b.c. & no water/day through open choke.  
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 P. O. Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY

Title Dist. Engr.



NO. 528 OF COP. RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

(Form C-104)  
Revised 7/1/57

Santa Fe, New Mexico

## REQUEST FOR (OIL) - (~~GAS~~) ALLOWABLE

New Well

**RECEIVED**

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Durango, Colorado

May 21, 1963

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Humble Oil & Refining Co. Navajo Tribe of Ind. & G. Well No. 209, in NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)

K, Sec. 1, T. 31N, R. 17W, NMPM., Unnamed Pool

Unit Letter

San Juan

County. Date Spudded 5-5-63

Well completed 5-14-63

Date Drilling Completed 5-8-63

Please indicate location:

Elevation 5285' G. L. Total Depth 1260' PBD 1238'

Top Oil/Gas Pay 1202' Name of Prod. Form. Gallup

PRODUCING INTERVAL -

Perforations 1200-17' w/2 holes /ft.

Open Hole - Depth - Casing Shoe - Depth 1217'  
Tubing

OIL WELL TEST -

Natural Prod. Test: - bbls. oil, - bbls water in - hrs, - min. Choke - Size -

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): 310 bbls. oil, - bbls water in 20 hrs, - min. Size Open

GAS WELL TEST -

Natural Prod. Test: - MCF/Day; Hours flowed - Choke Size -

Method of Testing (pitot, back pressure, etc.): -

Test After Acid or Fracture Treatment: - MCF/Day; Hours flowed -

Choke Size - Method of Testing: -

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 7,000 gals crude oil & 17,500 # 20-40 sand & 140 gals Humble Frac

Casing 40 # Tubing 40 # Date first new May 13, 1963  
Press. 40 # Press. 40 # oil run to tanks

Oil Transporter El Paso Natural Gas Products Co.

Gas Transporter None - Gas vented.

Remarks: -

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

Approved MAY 27 1963, 19-

Humble Oil & Refining Company.  
(Company or Operator)

By: **COPY (ORIGINAL SIGNED) B. M. BRADLEY**  
(Signature)

OIL CONSERVATION COMMISSION

Original Signed By

By: A. R. KENDRICK

Title PETROLEUM ENGINEER DIST. NO. 3

Title District Production Supt.

Send Communications regarding well to:

Name B. M. Bradley

Address Box 3082, Durango, Colorado



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

[illegible][illegible]

1. The information on this page is for the condition of the road only and should not be used for any other purpose.

NO COPY TO BE MADE  
(b) (7) (D)

Completed as an oil well flowing 372 bbls oil and no water per day thru open choke from the Gallup 1200-1217', 13' net pay, fractured. GOR 266 (EST) cu ft/bbl. Gravity 40.9 @ 60°.

TOOS RUN: Dens: 1.0g

No cores taken.

No drill stem tests taken.

5-5-63 padded

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked, state in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

# HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]