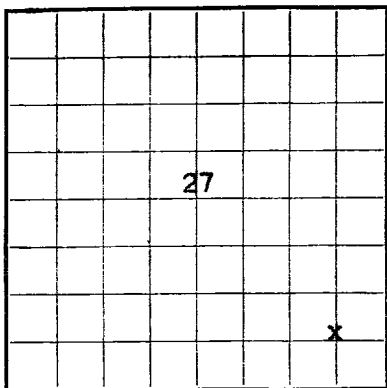


Navajo Tribal
U. S. LAND OFFICE
SERIAL NUMBER 14-20-603-224
LEASE OR PERMIT TO PROSPECT
Ojo-NavajoUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

(Changed from Gulf Oil Corp.)

Company Socony Mobil Oil Co., Inc. Address P. O. Box 3371, Durango, Colorado
Lessor or Tract Ojo-Navajo Field Wildcat State New Mexico
Well No. 1 Sec. 27 T. 28N R. 14W Meridian NMBM County San Juan
Location 660 ft. N. of S Line and 660 ft. E. of E Line of Sec. 27 Elevation 5734' KB
(Derick 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 P. M. Barry Title Dist. Producing Supt.
Date May 25, 1961

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

Commenced drilling April 14, 1961 Finished drilling April 26, 1961
P & A May 9, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)
No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS
No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	223	180			pump				
4-1/2"	5886	225			pump & plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	223'	180	pump	-	-
4-1/2"	5886'	225	pump & plug	-	-

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 5886' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Plugged & Abandoned _____, 19____
Put to producing 5/9, 1961

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% 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

Great Western Drilling Co., Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Formation tops - E Log
			Pictured Cliffs 1030'
			Mesaverde 1940'
			Pt. Lookout 3630'
			Mancos 3929'
			Gallun 4735'
			Tocito 5210'
			Greenhorn 5581'
			Graneros 5638'
			Dakota 5682'
			(OVER)

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Company
Location
Well No.
Section
Twp.
Range
County
State
Field
Address

The information given hereafter is a complete and correct record of the well and all work done thereon
Erected regulation abandonment marker
Signed

Plugged to surface with 10 sax.
Plugged 2501/3001 with 25 sax.
Plugged 11000/10000 with 25 sax.

Shot and recovered 4 1/2" casing from 1050'.
Said parts with 75 sx at 2000 psi max. Top cement at 5000'.
Tested well, find water with 1200 psi, IR 39 B/M.

gal of J-100. BD 1600 psi, IR 39 B/M.
Fac 5586/5714 with 15,000# 20-40 and 10-20 sd and 25,000 gals wtr with 2500/1000.
BD 1800 psi, IR 2400-4000 psi, IR 33 B/M.

Fac 5586/5714 with 15,000# 20-40 and 10-20 sd and 25,000 gals wtr with 2500/1000.
No 3 from 5775/831, and 5796/5808.
4 1/2" cemented at 5886' with 225 sax. Perid 5686/911, 5706/141, 5750/631.

FP 455-635 psi, ISIP 235 psi, open 45 min, rec 1397' HGCM, GTS 18 min, TSTM.
DST #1 5148/5243, 1 hr, rec. 1360' HGCM, FP 100 psi, ISIP 250 psi/30 min, to 2505 psi.
DST #2 Packer failed

SPD 4/14/61. Cemented 8-5/8" at 2231' with 180 sax.
ISIP 195 psi/1 hr, hydrostatic pressure 2505 psi.
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "detached" or left in the well, give its size and location. If the well has been damaged, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

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HISTORY OF OIL OR GAS WELL

Size casing	When set	Number sacks of cement	Method used	Mud grade	Amount of mud used

PLUGS AND ADAPTERS

Size	When set	Number sacks of cement	Method used	Mud grade	Amount of mud used

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from	Test to	Foot and from	Foot to

DATES

The production for the first 24 hours was	emulsion; % water; and % sediment	It gas well, cu. ft. per 24 hours	Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION

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