

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Socony Mobil Oil Company, Inc. Address Box 2406, Hobbs, New Mexico
Lessor or Tract Ute Mountain Field Verde Gallup State New Mexico
Well No. 9 Sec. 22 T. 31N R. 1W Meridian N.M.P.M. County San Juan
Location 660 ft. N. of S. Line and 660 ft. E. of W. Line of Section 22 Elevation 5613
(Derriek 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

Date November 24, 1959Title District Superintendent

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

Commenced drilling October 24, 1959 Finished drilling November 9, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2945' to 3075' 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—	
<u>8-5/8</u>	<u>29</u>	<u>8-44</u>	<u>LP</u>	<u>102</u>					<u>Surface</u>
<u>5-1/2</u>	<u>14</u>	<u>8-44</u>	<u>1-55</u>	<u>2940</u>					<u>Intermediate</u>
<u>4-1/2</u>	<u>10.79</u>	<u>10-44</u>	<u>FJ</u>	<u>168</u>			<u>2948</u>	<u>3075</u>	<u>Liner</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>113</u>	<u>80 sks.</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>2940</u>	<u>235 sks.</u>	<u>Pump & Plug</u>		
<u>4-1/2</u>	<u>3075</u>	<u>None</u>			

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 _____ feet to 2940 feet, and from _____ feet to _____ feet
Cable tools were used from 2940 feet to 3075 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing November 21, 1959

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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>POTENTIAL TEST</u>			
Potential test completed <u>11-21-59</u> . Pumped <u>30 BBL 24 hrs.</u> , 2" choke, <u>14-40" SPH</u> , <u>4# 1/4" plate</u> , <u>17.23 Mcf</u> , <u>GOR 574-1</u> , Gr. <u>41° - 60°</u> , <u>2/10 BSW</u> .			
<u>FORMATION TOPS</u>			
Formation	Top		
<u>Menefee</u>	(Schlum.)	<u>706'</u>	
<u>Point Lookout</u>	(Schlum.)	<u>1390'</u>	
<u>Mancos</u>	(Schlum.)	<u>1740'</u>	
<u>Gallup</u>	(Schlum.)	<u>2734'</u>	
<u>Lower Gallup</u>	(Estimated)	<u>2934'</u>	
<u>PERFORATING</u>			
<u>4-1/2" Liner</u> (7 pts. <u>168'</u> , top <u>41'</u> plain, bottom <u>127'</u> perforated from <u>2948-3075'</u>). Top Liner <u>2907'</u> .			
<u>ACIDIZING</u>			
<u>11-10-59</u> Dowell frac perf (without natural test) w/30,000 gals. lease crude, break- down <u>1000#-700#</u> , Treat <u>800#-400#</u> , <u>8:10 a.m. 11-10-59</u> , avg. inj. <u>24 BPH</u> , <u>5 min. SI 100#</u> , <u>3 hrs. est. 50#</u> , flo <u>51 BLO 6 hrs.</u> , swab <u>200 BLO 7 hrs.</u> , <u>2075' FLL</u> .			

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The information given herewith is a complete and correct record of the work done by the
 Bureau during the period from January 1, 1907, to December 31, 1908.
 It has been determined that all available records.

10-10-68

NUMBER 20 BETWEEN 1940 AND 1950
 (1940-1950)

REMARKS: REFLECTED TRANSMISSION

[illegible]

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, 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 balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

United States Department of the Interior
Geological Survey
Log of Oil or Gas Well

U.S. Land Office Consolidated Ute
Serial Number #14-20-604-83
Lease or Permit to Prospect
Ute Mountain

INDIAN LANDS

Ute Mountain #9, Verde Gallup, New Mexico

SUMMARY

10-20-59 Location staked
10-24-59 Commenced Drilling Operations
10-25-59 Ran 8-5/8" casing
10-30-59 Fished & recovered 1 jt., 4 - 5-1/2" DC + 2 - 6-1/2" DC + 1 - 7-7/8" bit, 2 hrs.
11- 3-59 Schlumberger ran Electrical Log
11- 4-59 Ran 5-1/2" Casing
11- 4-59 Rig Released
11- 5-59 Moved in J. P. "Bum" Gibbins Cable Tools.
11- 8-59 Completed drilling TD 3075'.
11- 9-59 Schlumberger ran Induction, Gamma Ray & Sonic Logs.
11- 9-59 Ran 4-1/2" Liner
11-10-59 Dowell frac Perf.
11-11-59 Ran 2" tubing & rods & B.H. Pump
11-11-59 J. P. "Bum" Gibbins Cable Tools Released.
11-12-59 Set Pump Unit
11-21-59 Commenced Potential Test
11-22-59 Completed Potential Test.