

U.S.G.S. -4
Bld -1
Region -1
District -2Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.U. S. LAND OFFICE New MexicoSERIAL NUMBER 02805LEASE OR PERMIT TO PROSPECT
San Juan Unit 28-6UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Address P. O. Box 939, Aztec, New Mexico
Lessor or Tract _____ Field Wildcat State New Mexico
Well No. Mesa 1-14 Sec. 14 T. 22N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of N. Line and 990 ft. E. of E. Line of Section 14 Elevation 6460
(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

Earl StummDate November 17, 1953Title District Superintendent

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

Commenced drilling June 29, 1953 Finished drilling August 4, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5012 to 5180 G No. 4, from _____ to _____
No. 2, from 5180 to 5483 G No. 5, from _____ to _____
No. 3, from 5483 to 5703 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 3200 to 3240 No. 3, from 5012 to 5180
No. 2, from 3240 to 3430 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>10-3/4"</u>	<u>21.63</u>	<u>5</u>	<u>Armaco</u>	<u>162'</u>	<u>Halliburton</u>				
<u>7"</u>	<u>23</u>	<u>8</u>	<u>Armaco</u>	<u>2976-28</u>					
<u>7"</u>	<u>20</u>	<u>8</u>	<u>Armaco</u>	<u>1944-66</u>	<u>Halliburton</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>172</u>	<u>195 sacks reg.</u>	<u>Halliburton</u>		
<u>7"</u>	<u>4932</u>	<u>250 sacks reg.</u>	<u>Halliburton</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
		<u>DuPont</u>				
		<u>ME #1</u>	<u>1932 qts.</u>	<u>8-5-53</u>	<u>5015-5703</u>	<u>5703</u>

TOOLS USED

Rotary tools were used from _____ feet to 5703 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 17, 1953 Put to producing November 14, 1953
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 4500 MCF

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

Tubing 950 Casing 959. Shut in 14 days.

EMPLOYEES

J. A. Byrd, Lease Foreman, Driller
XXXXX, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2690</u>	<u>2690</u>	<u>Sand and shale</u>
<u>2690</u>	<u>3120</u>	<u>430</u>	<u>Shale w/scattered sand beds.</u>
<u>3120</u>	<u>3240</u>	<u>120</u>	<u>Sand and shale.</u>
<u>3240</u>	<u>3430</u>	<u>190</u>	<u>Sand w/occasional coal stringers.</u>
<u>3430</u>	<u>5012</u>	<u>1582</u>	<u>Shale w/scattered sands.</u>
<u>5012</u>	<u>5180</u>	<u>168</u>	<u>Sand w/occasional shale stringers.</u>
<u>5180</u>	<u>5483</u>	<u>303</u>	<u>Sand and shale.</u>
<u>5483</u>	<u>5703</u>	<u>220</u>	<u>Sand w/shale stringers.</u>

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			FORMATION TONS
			2690 - Kirtland
			3120 - Fruitland
			3240 - Pictured Cliff
			3420 - Lewis
			5012 - Cliff House
			5180 - Menefee
			5483 - Point Lookout

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, 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 bailing.

HISTORY OF OIL OR GAS WELL

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