

Form 9-330

USGS - 5
Dist - 1
Region - 1
File - 1

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078737
LEASE OR PERMIT TO PROSPECT
an Juan Unit 30-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Company Address po box 939, Astec, New Mexico
Lessor or Tract _____ Field Wildcat State New Mexico
Well No. 30-5 Mesa Sec. 35 T. 30N R. 5W Meridian N.M.P.M. County Rio Arriba County
Location 990 ft. N of 4 Line and 1990 ft. W of 1 Line of Section 35 Elevation 6232
(Derrick floor relative to _____)

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 Cal Sturm

Date February 16, 1954 Title District Superintendent
The summary on this page is for the condition of the well at above date.

Commenced drilling June 5, 1953 Finished drilling July 30, 1953

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3452 to 3975 G No. 4, from _____ to _____
No. 2, from 5757 to 6350 G No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 3067 to 3287 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	
							From	To
<u>10 3/4"</u>	<u>21.63</u>	<u>8</u>	<u>35</u>	<u>162'</u>	<u>Baker</u>			
<u>8"</u>	<u>15.4</u>	<u>8</u>	<u>35</u>	<u>162'</u>	<u>Halliburton</u>			
<u>7"</u>	<u>11.3</u>	<u>8</u>	<u>35</u>	<u>162'</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>178'</u>	<u>195</u>	<u>Halliburton</u>		
<u>7"</u>	<u>5690'</u>	<u>450</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>3 1/2"</u>	<u>None</u>	<u>SNO</u>	<u>1200 lbs</u>	<u>7-31-53</u>	<u>5770-6350</u>	<u>6350</u>

TOOLS USED

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

DATES

Put to producing _____, 19____
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. 1,250,000

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>3067</u>	<u>3067</u>	<u>Sand and shale - Tertiary</u>
<u>3067</u>	<u>3287</u>	<u>220</u>	<u>Sand - Ojo Alamo</u>
<u>3287</u>	<u>3452</u>	<u>165</u>	<u>Shales, some sand - Kirtland</u>
<u>3452</u>	<u>3650</u>	<u>198</u>	<u>Sandstone, coal & shales - Fruitland</u>
<u>3650</u>	<u>3975</u>	<u>325</u>	<u>Sandstone, some shale - Pictured Cliffs</u>
<u>3975</u>	<u>5757</u>	<u>1782</u>	<u>Dark gray shale, sand stringers - Lewis</u>
<u>5757</u>	<u>5838</u>	<u>81</u>	<u>Sandstone & shale - Cliff House</u>
<u>5838</u>	<u>6024</u>	<u>186</u>	<u>Sandstone, shale & coal - Manafee</u>
<u>6024</u>	<u>6350</u>	<u>326</u>	<u>Sandstone, interbedded shale - Point Lookout</u>

FORMATION RECORD—CONTINUED

