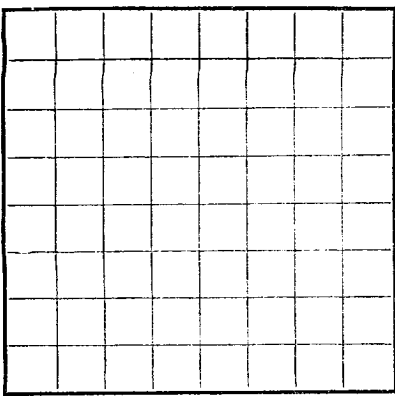


U.S.G.S. - 4
B'ville - 2
Region - 1
File - 1U. S. LAND OFFICE - Santa Fe
SERIAL NUMBER 078426
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Address P.O. Box 939, Artes, New Mexico
Lessor or Tract _____ Field Wildcat Blanco State New Mexico
Well No. 29-6 Mesa Sec. 30 T. 29N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N of 5 Line and 1650 ft. E of W Line of Sec. 30-29N-6W Elevation 6697
(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 January 12, 1954 Title District Superintendent

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

Commenced drilling July 12, 1953 Finished drilling August 27, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2808 to 3350 No. 4, from 3557 to 3860
No. 2, from 3350 to 3533 No. 5, from 3860 to 5320
No. 3, from 3533 to 3557 No. 6, from 5320 to 5394
5394 5684
5684 5920

IMPORTANT WATER SANDS

No. 1, from 2650 to 2830 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>10-3/4"</u>	<u>21.63</u>	<u>8J</u>	<u>Arnico</u>	<u>162'</u>	<u>Baker</u>				
<u>7"</u>	<u>20</u>	<u>8J</u>	<u>Arnico</u>	<u>172'</u>	<u>Baker</u>				
<u>7"</u>	<u>20</u>	<u>8J</u>	<u>Arnico</u>	<u>172'</u>	<u>Baker</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>173'</u>	<u>195ax Reg bulk</u>	<u>Halliburton</u>		
<u>7"</u>	<u>517'</u>	<u>350ax Reg bulk</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>Atlas Glycerine Co.</u>					
	<u>NG</u>		<u>2100</u>	<u>8-28-53</u>	<u>5220-5920</u>	<u>5920</u>

TOOLS USED

Rotary tools were used from 0 feet to 5170 feet, and from 5170 feet to 5920 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 6, 1953 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 6530 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1090 In compliance with New Mexico Regulations
EMPLOYEES well shut in 23 days.

G.E. Milham, Lease Foreman Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>807</u>	<u>807</u>	<u>Shale & sand strks.</u>
<u>807</u>	<u>1279</u>	<u>1279</u>	<u>Sand & shale</u>
<u>1279</u>	<u>1742</u>	<u>1742</u>	<u>Shale & Strks sand.</u>
<u>1742</u>	<u>1920</u>	<u>1920</u>	<u>Hard shale & strks sand.</u>
<u>1920</u>	<u>2086</u>	<u>2086</u>	<u>Shale</u>
<u>2086</u>	<u>2226</u>	<u>2226</u>	<u>Shale & sand strks.</u>
<u>2226</u>	<u>2347</u>	<u>2347</u>	<u>Shale & sand</u>
<u>2347</u>	<u>2835</u>	<u>2835</u>	<u>Shale & sand strks.</u>
<u>2835</u>	<u>3159</u>	<u>3159</u>	<u>Shale & sand</u>
<u>3159</u>	<u>3265</u>	<u>3265</u>	<u>Shale</u>
<u>3265</u>	<u>3430</u>	<u>3430</u>	<u>Shale & strks coal</u>
<u>3430</u>	<u>3615</u>	<u>3615</u>	<u>Shale</u>
<u>3615</u>	<u>3829</u>	<u>3829</u>	<u>Sand & shale</u>
<u>3829</u>	<u>3885</u>	<u>3885</u>	<u>Shale & strks sand</u>
<u>3885</u>	<u>4175</u>	<u>4175</u>	<u>Sand & shale</u>
<u>4175</u>	<u>4315</u>	<u>4315</u>	<u>Shale & Denite Strks</u>
<u>4315</u>	<u>4407</u>	<u>4407</u>	<u>Shale & Denite Strks</u>
<u>4407</u>	<u>4463</u>	<u>4463</u>	<u>Shale & sand</u>
<u>4463</u>	<u>4532</u>	<u>4532</u>	<u>Shale & sand strks.</u>
<u>4532</u>	<u>4633</u>	<u>4633</u>	<u>Shale</u>
<u>4633</u>	<u>4688</u>	<u>4688</u>	<u>Shale & Hard sand strks.</u>
<u>4688</u>	<u>4770</u>	<u>4770</u>	<u>Shale & strks sand</u>
<u>4770</u>	<u>4838</u>	<u>4838</u>	<u>Shale & sand strks</u>
<u>4838</u>	<u>4918</u>	<u>4918</u>	<u>Shale & sand strks</u>
<u>4918</u>	<u>5013</u>	<u>5013</u>	<u>Slight shale & strks sand</u>
<u>5013</u>	<u>5074</u>	<u>5074</u>	<u>Shale & hard sand</u>

FORMATION RECORD—Continued

