

Form 9-330

Jicarilla Contract No. 92

Section 20

LEASE OR PERMIT TO PROSPECT

1/2 Sec. 20

UNITED STATES Indian "C" Lease

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Co. Address P.O. Box 939, Artes, N. M.
Lessor or Tract - Field Wildcat State New Mexico
Well No. 1 Sec. 20 T. 27N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 8 ft. W of EN Line and 920 ft. W of E Line of Section 20 Elevation 7023.20
(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 Sturm

Date October 8, 1954 Title Dist. Supt.

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

Commenced drilling 11-14-52, 19- Finished drilling 2-11-53, 19-

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3719 to 3927 No. 4, from 4093 to 5680
No. 2, from 3927 to 4015 No. 5, from 5680 to 5733
No. 3, from 4015 to 4093 No. 6, from 5733 to 6033

IMPORTANT WATER SANDS 6033 6207' (TD)

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>10-3/4"</u>	<u>21.63</u>	<u>5</u>	<u>Armed</u>	<u>210'</u>	<u>HOWCO</u>				
<u>7"</u>	<u>20.20</u>	<u>5</u>	<u>Armed</u>	<u>11-55</u>	<u>HOWCO</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>252.70'</u>	<u>350 sz</u>	<u>Halliburton</u>		
<u>7"</u>	<u>5658'</u>	<u>300 sz</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>INFANT</u>	<u>SCHE</u>	<u>1114 qts</u>	<u>3-30-53</u>	<u>5782-6134</u>	<u>CO to TD.</u>

TOOLS USED

Rotary tools were used from 0 feet to 6207' feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

-, 19- Put to producing See Below, 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. - Note: This well shut in - operations suspended.

EMPLOYEES

C. D. Phelps - Lease Foreman, Driller -, Driller
-, Driller -, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
<u>0</u>	<u>3280</u>	<u>3280</u>	<u>Sand & shale</u>	<u>Tertiary</u>
<u>3280</u>	<u>3719</u>	<u>439</u>	<u>Shale, sandy, scattered thin sands</u>	<u>Kirtland</u>
<u>3719</u>	<u>3927</u>	<u>208</u>	<u>Interbedded shale, sand & coal, slight show of gas</u>	<u>Fruitland</u>
<u>3927-</u>	<u>4015</u>	<u>88</u>	<u>Sand w/ few shale strks, slight show of gas.</u>	<u>Upper PicturedCliffs</u>
<u>4015</u>	<u>4093</u>	<u>78</u>	<u>Sand w/ many shale strks</u>	<u>Lower PicturedCliffs</u>
<u>4093</u>	<u>5680</u>	<u>1587</u>	<u>Shale often sandy, scattered sand</u>	<u>Lewis shale</u>
<u>5680</u>	<u>5733</u>	<u>53</u>	<u>Sandstone w/ scattered thin shales</u>	<u>Cliff House</u>
<u>5733</u>	<u>6033</u>	<u>300</u>	<u>Interbedded sand, shale & coal, show of gas</u>	<u>Manosco</u>
<u>6033</u>	<u>6207(TD)</u>	<u>174</u>	<u>Sandstones, wet below 6140</u>	<u>Point Lookout.</u>
<u>6207</u>	<u>6130(PERTD)</u>			

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LOGWELL RECORD—CONFIDENTIAL

