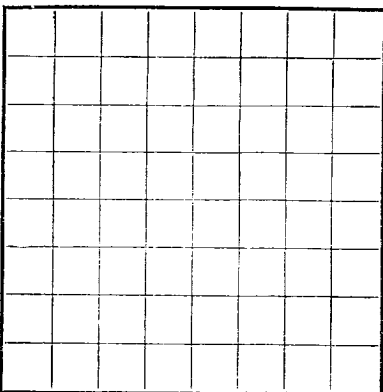




LOCATE WELL CORRECTLY

5 - U.S.G. S
1 - Bvill
1 - Div.
1 - File

Jicarilla Contract No. 57

SERIAL NUMBER Tract 111

LEASE OR PERMIT TO PROSPECT

Indian "D" Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address P.O. Box 939, Aztec, New Mexico
Lessor or Tract - Field Wildcat State New Mexico
Well No. 1 Sec. 21 T. 29N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of 3 Line and 990 ft. E. of W Line of Sec. 21 Elevation 6944
(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 October 11, 1954Title Dist. Supt.

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

Commenced drilling 5-31-53, 1953 Finished drilling 7-23-53, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3397 to 3525 No. 4, from 3850 to 5603
No. 2, from 3525 to 3745 No. 5, from 5603 to 5668
No. 3, from 3745 to 3850 No. 6, from 5668 to 5928

IMPORTANT WATER SANDS 5928 6075 (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>8R</u>	<u>ARCO</u>	<u>162'</u>	<u>MONCO</u>				
<u>7"</u>	<u>20.23</u>	<u>8R</u>	<u>J-55</u>	<u>5909.10</u>	<u>MONCO</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>174.50'</u>	<u>200 sz</u>	<u>Halliburton</u>		
<u>7"</u>	<u>5925'</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>DuFont</u>	<u>285 qts RDX</u>	<u>285 qts</u>	<u>7-30-53</u>	<u>5945-6040</u>	<u>to 270 6040'</u>

TOOLS USED

Rotary tools were used from 0 feet to 6075' feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

-, 1953 Put to producing *See Note below, 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 - 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>3310</u>	<u>3310</u>	<u>Sands & shales</u>	<u>Tertiary</u>
<u>3310</u>	<u>3397</u>	<u>87'</u>	<u>Shales, scattered sand, grey to white.</u>	<u>Kirtland</u>
<u>3397</u>	<u>3525</u>	<u>128'</u>	<u>Sands, shale, some carbonaceous shale, coal</u>	<u>Fruitland</u>
<u>3525</u>	<u>3745</u>	<u>220</u>	<u>Sandstone, shale stringers, coal strks</u>	<u>Upper Pic.Cliffs</u>
<u>3745</u>	<u>3850</u>	<u>105</u>	<u>Sandstone, some shale, traces coal</u>	<u>True Pic.Cliffs</u>
<u>3850</u>	<u>5603</u>	<u>1753</u>	<u>Shale, sand stringers, traces of coal</u>	<u>Lewis</u>
<u>5603</u>	<u>5668</u>	<u>65</u>	<u>Shale, sand & shaly sand</u>	<u>Cliff House</u>
<u>5668</u>	<u>5928</u>	<u>260</u>	<u>Sands, shaly, coaly. Shale carbonaceous, coal stringers</u>	<u>Menafee</u>
<u>5928-6075</u>	<u>6075 (TD)</u>	<u>147</u>	<u>Sand, micaceous, scattered shale gas shows. Water in lower sec.</u>	<u>Point Lookout</u>
<u>6075</u>	<u>5907 PBD)</u>			

