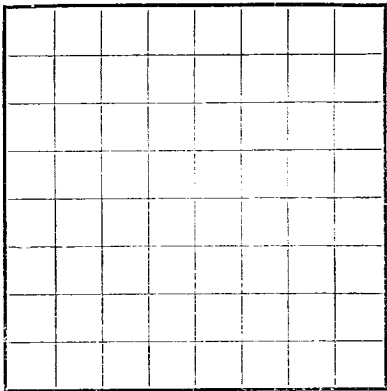




5 - U. S. L. O.
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U. S. LAND OFFICE ante 20
SERIAL NUMBER 078995
LEASE OR PERMIT TO PROSPECT
San Juan Unit 31-6

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Co. Address Box 939, Atee, N.M.
Lessor or Tract _____ Field Alenco State New Mexico
Well No. Mass 2-28c. 28 T. 31N R. 6E Meridian N.M. County Alamogordo
Location 990' ft. N. of 1/4 Line and 990' ft. E. of 1/4 Line of Section 28 Elevation 5469
(Derrick foot elevation, 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 Stuenkel

Date 12-27-53 Title List unit

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

Commenced drilling 3-29-53, 19____ Finished drilling 7-19-53, 19____

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

No. 1, from 2581 to 2977 No. 4, from 5492 to 5727
No. 2, from 2977 to 3320 No. 5, from 5727 to 5950
No. 3, from 5420 to 5492 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2465 to 2581 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>J</u>	<u>Amco</u>	<u>162'</u>	<u>Baker</u>				
<u>7"</u>	<u>23</u>	<u>8</u>	<u>J-55</u>	<u>3399'</u>					
<u>7"</u>	<u>20</u>	<u>8</u>	<u>J-55</u>	<u>2946'</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>10-5/4"</u>	<u>172'</u>	<u>175 x</u>	<u>Halliburton</u>		
<u>7"</u>	<u>5302</u>	<u>450 x (Two bags)</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>41</u>	<u>1616</u>	<u>7-5-53</u>	<u>5362-5943'</u>	
		<u>double time bomb.</u>				

TOOLS USED

Rotary tools were used from 0 feet to 5950 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-1-54, 19____ 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 745 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 309

EMPLOYEES

J. H. Mann - Lease Foreman Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2465</u>	<u>2465</u>	<u>red shale.</u>
<u>2465</u>	<u>2581</u>	<u>116</u>	<u>to Alamo</u>
<u>2581</u>	<u>2977</u>	<u>396</u>	<u>Kirtland</u>
<u>2977</u>	<u>3320</u>	<u>343</u>	<u>Trutland</u>
<u>3320</u>	<u>3596</u>	<u>276</u>	<u>Pictured Cliffs</u>
<u>3596</u>	<u>5420</u>	<u>1824</u>	<u>Lewis</u>
<u>5420</u>	<u>5492</u>	<u>72</u>	<u>Cliff House</u>
<u>5492</u>	<u>5727</u>	<u>235</u>	<u>Manatee</u>
<u>5727</u>	<u>5950 (TD)</u>	<u>223</u>	<u>Point Lookout</u>

FORMATION RECORD—Continued

[illegible]

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, size, 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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