

U. S. LAND OFFICE

SERIAL NUMBER

LC-029392-B

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 68 - Hobbs, New Mexico
Lessor or Tract USA C. E. Hinkle Field Shugart Dela. State New Mexico
Well No. 1 Sec. 27 T. 18S R. 31E Meridian NMPH County Eddy
Location 1650 ft. S. of N. Line and 660 ft. E. of W. Line of Sec. 27 Elevation 3642 ^{RDB}
(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.
Original Signed by: V. E. STALEY
Signed _____ Title Area Superintendent
Date October 9, 1963

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

Commenced drilling 8-31-63, 19____ Finished drilling 9-19-63, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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>8-5/8</u>	<u>24</u>	<u>8R</u>	<u>J-5</u>	<u>622</u>	<u>Guide</u>				<u>Surface</u>
<u>4-1/2</u>	<u>9.5</u>	<u>8R</u>	<u>J-5</u>	<u>5178</u>	<u>"</u>		<u>4986</u>	<u>4997</u>	<u>Oil string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>629</u>	<u>350</u>	<u>Pump Plug</u>		
<u>4-1/2</u>	<u>5162</u>	<u>400</u>	<u>" "</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>500 gal acid</u>						
<u>8-0-F-6,</u>	<u>gal oil, cont 3/4-lb</u>	<u>oz/gal & 1,000#</u>	<u>glass beads.</u>			

TOOLS USED

Rotary tools were used from _____ feet to 5162 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed 10-7-63, 19____ Put to producing 10-2-63, 19____
The production for the first 24 hours was 90 barrels of fluid of which 96% was oil; _____%
emulsion; 2 1/2% water; and 1 1/2% sediment. Gravity, °Bé. 35.1
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Canay Phillips Drlg. Co.
J. L. Thomas _____, Driller Jim Burkhalter _____, Driller
C. Z. Ridd _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	130	130	Caliche, Red Bed
130	614	484	Red Bed
614	638	24	Anhy
638	1949	1311	Salt
1949	1980	31	Salt, Sand
1980	2141	161	Sand
2141	2568	427	Anhy
2568	2711	143	Anhy, Lime
2711	2873	162	Lime
2873	2980	107	Anhy, Lime
2980	3550	570	Lime, Sand
3550	3555	5	Lime, Anhy
3555	4105	550	Sand, Anhy
4105	4518	413	Lime, Sand
4518	4612	94	Lime
4612	4694	82	Sand
4694	4888	194	Sand, Lime
4888	5036	148	Sand
5036	5102	66	Sandy Lime
5102	5162	60	Sand
PBD 5086			

(OVER)

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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.