

U. S. LAND OFFICE

SERIAL NUMBER **LC 051668**

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 **C. M. Farnsworth "C"** Field **Crosby Devonian** State **New Mexico**
Well No. **7** Sec. **4** T26S R. 37E Meridian **NMPM** County **Lea**
Location **660** ft. **N** of **N** Line and **1980** ft. **E** of **W** Line of **Section 4** Elevation **3004** 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.
Signed **J. W. BROWN**

Date **2-26-59** Title **Field Superintendent**

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

Commenced drilling **12-21**, 1958 Finished drilling **2-22**, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **8815** to **8840 (8)** 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—	
13-3/8	35.6	Araco	Araco	592	Float				Surface
8-5/8	24	8	J-55	8815	Float				Intermediate
5-1/2	17	8	J-55	8840	Float		8815	8840	Oil String
							w/2 shots per foot		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	605	500	HOWCO		
8-5/8	3881	863	HOWCO		
5-1/2	8985	350	HOWCO		

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

TOOLS USED

Rotary tools were used from **Surface** feet to **8985** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed **2-26**, 19**59** Put to producing **Shut in pending pipe line connection**
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 **5800 MCFTD** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **3670** Produced distillate at rate of **153.6** barrels per day

EMPLOYEES

_____, Driller **O. L. Rector**, Driller
_____, Driller **L. Bryant**, Driller
D. H. Gardner
W. T. Sherwood

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
0	685	685	Red Bed & Shale	Tops
685	1240	555	Shale	Yates - 2560'
1240	1483	243	Anhy. Gyp	San Andres - 4080'
1483	2373	890	Anhy., Salt	Glorietta - 5240'
2373	2383	10	Anhy., Gyp	Woodford SN - 8070'
2383	2535	152	Anhy	Devonian - 8720'
2535	2559	24	Anhy., Gyp	
2559	2767	208	Anhy	
2767	2845	78	Anhy. Gyp	
2845	2983	138	Anhy	
2983	5080	2097	Line	
5080	5245	165	Line and Sand	
5245	6572	1327	Line	
6572	6640	68	Line and Chert	
6640	6657	17	Line	
6657	6834	177	Line and Chert	
6834	6959	125	Line	
6959	6975	16	Line, Shale	
6975	8096	1121	Line	
8096	8143	47	Line and Chert	
8143	8169	26	Line and Shale	
8169	8180	11	Shale	
8180	8352	172	Line	
8352	8355	3	Line and Shale	
8355	8582	227	Shale	
8582	8660	78	Shale and Line	

LOG INJECTION RECORD CONTINUED

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
8660	8691	31	Lime
8691	9708	17	Shale
8708	8723	15	Shale, Lime and Chert
8723	8739	16	Lime, Shale
8739	8885	146	Lime and Chert
8729	8885	146	Lime
8885	8885	100	Lime

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.

Well was drilled to TD 8985 and perforated 8815-8840' w/2 shots per foot. Acidized with 5,000 gallons 15% acid. On test well flowed 1380 MCPPD on 4 point back pressure test and 153.6 barrels distillate per day on 22/64" choke.

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BUREAU OF LAND MANAGEMENT

WELL LOG