

Form 9-330

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 062412**
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 Malco Refineries "F"** Field **Empire Abo** State **New Mexico**
Well No. **7** Sec. **1** T. **18S** R. **27E** Meridian **NMPM** County **Eddy**
Location **1980** ft. **N** of **N** Line and **1980** ft. **E** of **E** Line of **Section 1** Elevation **3662** RDB
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 **ARTHUR DREXEL**

Date **August 19, 1959** Title **Area Foreman**

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

Commenced drilling **July 6**, 19 **59** Finished drilling **August 2**, 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5643** to **6171** 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—	
8-5/8 24	8	J-55	1478	Guide					
4-1/2 9.5	8	J-55	6226	Guide			6100	6134	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8 1475'		800	HOWCO		
4-1/2 6205'		600	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 **0** feet to **6205 TD** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

August 19, 19 **59** Put to producing **August 5**, 19 **59**

The production for the first **24** hours was **65** barrels of fluid of which **97**% was oil; %
emulsion; **3**% water; and % sediment. Gravity, °Bé. **42°**

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

H. W. Cathis, Driller **W. P. Tadlock**, Driller
E. E. Foster, Driller **T. B. Sims**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	240	240	Surface and Red Bed
240	527	287	Red Bed
527	697	170	Red Bed and Shale
697	827	130	Lime Shell and Sand
827	1082	255	Lime and Anhy.
1082	1475	393	Anhy., and Gyp
1475	1620	145	Lime
1620	1872	252	Anhy., and Lime
1872	2606	734	Lime
2606	2793	187	Lime and Sand
2793	2912	119	Lime
2912	3028	116	Sandy Lime
3028	3121	93	Sand
3121	3467	346	Sandy Lime
3467	3618	151	Lime
3618	3725	107	Lime and Sand
3725	3967	242	Lime
3967	4039	72	Lime and Chert
4039	4095	56	Sandy Lime and Chert
4095	4147	52	Sandy Dolo. and Chert
4147	4253	106	Lime and Sand
4253	4313	60	Chert
4313	4742	429	Lime
4742	4758	16	Lime and Chert
4758	4830	72	Lime and Chert and Dolo. (Black)
4830	4955	36	Lime and Dolo.

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
4866	4955	89	Dolo.
4955	5101	146	Dolomite and Lime
5101	5257	156	Dolomite
5257	5364	107	Dolomite and Lime
5364	5371	7	Lime
5371	5399	28	Dolomite
5399	5441	42	Dolomite and Chert
5441	5440	99	Dolomite and Lime
5440	5481	41	Lime and Sand
5481	5508	7	Lime
5508	5752	164	Lime and Shale
5752	6205 TD	453	Lime

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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 "detracked" 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.

This well was drilled to a total depth of 6205', BHD 6171'. Completed 8-5-59, as an Empire Abo Field well. On potential test well flowed 63 barrels of oil, 2 barrels of acid water with 55.7 MCFG in 15 hrs., thru 10/64" choke. TPF 435 - CFP pkr. GOR 885