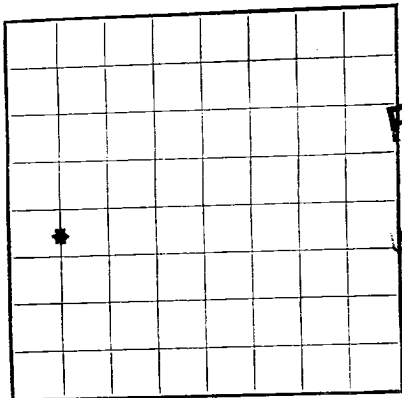


U. S. LAND OFFICE **NM-025604**
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____



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NOV 25 1959

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NOV 27 1959

D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Pan American Petroleum Corporation** Address **Box 68 - Hobbs, N.M.**
Lessor or Tract **Malco Refineries "G"** Field **Empire Abo** State **New Mexico**
Well No. **9** Sec. **10** T. **18S** R. **27E** Meridian **NMPM** County **Eddy**
Location **1980** ft. **N** of **S** Line and **660** ft. **W** of **W** Line of **Section 10** Elevation **3474** 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** Original Signed by
Date **November 19, 1959** Title **Area Superintendent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **8-5**, 19**59** Finished drilling **8-31**, 19**59**

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

No. 1, from **5791** to **5980** 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#	8R	J-55	1491	Guide		5815	5837	Surface
4-1/2	9.5#	8R	J-55	6034	Guide				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1491	Circulated	Pump Plug		
4-1/2	6034	850 sx	Pump Plug		

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 **6032** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 16, 19**59** Put to producing **November 1**, 19**59**
The production for the first 24 hours was **105** barrels of fluid of which **42** % was oil; _____ %
emulsion; **58** % 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

Mann Draugh, Driller **W. H. Boyd**, Driller
E. E. Foster, Driller **R. B. Sims**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	178	178	Surface and Gyp
178	525	347	Redbed and Gyp
525	875	350	Anhy and Gyp
875	1020	145	Anhy
1020	1391	371	Anhy and Gyp
1391	1544	153	Anhy and Lime
1544	3377	1833	Lime
3377	3487	110	Lime and Sand
3487	3719	232	Lime
3719	3775	56	Lime and Dolo.
3775	3950	175	Lime and Sand
3950	4606	656	Lime
4606	4730	124	Sandy Lime
4730	4921	191	Sandy Lime and Dolo.
4921	5034	113	Dolo.
5034	5217	183	Dolo and Lime
5217	5695	478	Dolo.
5695	5741	46	Dolo. and Lime
5741	5803	62	Dolo
5803	6032	229	Lime

[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

TD 6032 FHD 5890 Completed as a pumping oil well 11-13-59. On PT pumped 44 BO, 61 BW, 3 MCFG in 24 hours. GOR 57 Est. allowable 44 BOPD Effective 11-1-59. Acidized with 10,000 gallons regular acid thru perforations 5815-5837 Attempts to complete well at following intervals failed: