

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 067858**
LEASE OR PERMIT TO PROSPECTUNITED 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 "J"** Field **Empire Abo** State **New Mexico**
Well No. **1** Sec. **11** T. **18S** R. **27E** Meridian **NMPH** County **Eddy**
Location **330** ft. **N.** of **N** Line and **653.07** ft. **E.** of **E** Line of **Section 11** Elevation **3617 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 **L. W. BROWN** Original Signed by
Title **Area Superintendent**

Date **8-10-59**

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

Commenced drilling **7-1-**, 19**59** Finished drilling **7-30-**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6161** to **6211** 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	Length	Kind of steel	Cut and pulled from	Perforated		Purpose
							From	To	
8-5/8	24	8RT	J-55	1487'	Guide				Surface
4-1/2	9.95	8RT	J-55	1487'	Guide				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1492	825 sz	HOWCO		
4-1/2	6226	145 sz	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 **6211** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 11, 19**59** Put to producing **8-4-**, 19**59**
105 barrels of fluid of which **80** % was oil; _____ %

The production for the first 24 hours was _____ emulsion; **20** % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R.O. Blackledge, Driller **H.L. Beutler**, Driller
Adam Roake, Driller **R.C. Snead**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	537	537	Red Bed Anhy x Gyp TOPS
537	1495	958	Anhy x Gyp
1495	1542	47	Line San Andres - 1950'
1542	1649	107	Sand x Line Glorieta - 3525'
1649	2211	562	Line Abo Reef - 6161'
2211	2381	170	Line x Chert
2381	2866	485	Line
2866	2986	120	Line x Sand
2986	3277	291	Line
3277	3386	109	Line x Sand
3386	4164	778	Line
4164	4182	18	Line x Sand
4182	4505	323	Line
4505	4532	27	Line x Dolomite
4532	4625	93	Line
4625	4722	97	Line x Dolomite
4722	4756	34	Line
4756	4874	118	Line x Dolomite
4874	4923	49	Line
4923	4962	39	Line x Dolomite
4962	5086	124	Line
5086	5148	62	Line x Chert
5148	5188	40	Cherty Dolomite
5188	5284	96	Line x Chert
5284	5587	303	Cherty Dolomite
5587	5660	73	Dolomite

(OVER)

