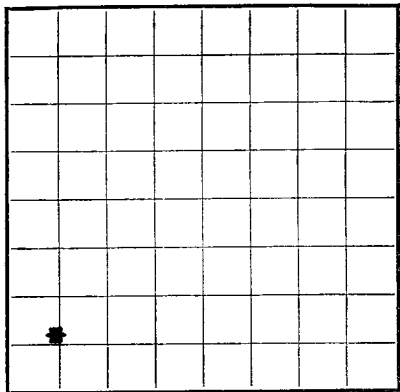


RECEIVED
MAR 5 1959

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 061783 - B**
LEASE OR PERMIT TO PROSPECT _____



MINERAL SURVEY
MEXICO, NEW MEXICO

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 **G. E. Mann Federal** Field **Empire Abo Ext** State **New Mexico**
Well No. **1** Sec. **3** T. **18 S** R. **27 E** Meridian **NMPM** County **Eddy**
Location **660** ft. **[N.]** of **S** Line and **660** ft. **[E.]** of **W** Line of **Section 3** Elevation **3559** 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 _____

Date **February 27, 1959** Title **Field Superintendent**

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

Commenced drilling **12-28**, 19**58** Finished drilling **2-19**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5560** to **5590** 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	995	Float				Surface
5-1/2	14	8R	J-55	6426	Float		5560	5590	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
8-5/8	999	700	HOWCO		
5-1/2	6431	320	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 **6431** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed 1/6 2-20-59 Put to producing **2-18**, 19**59**
97 BO no water

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; **no**% water; and _____% sediment. Gravity, °Bé. **420**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

O.R. Arnolds, Driller **H. L. Beutler**, Driller
R.C. Sneed, Driller **Adam Locke**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	954	954	Shale & Anhy. TOPS
954	1497	543	Anhy. Abo 4880'
1497	1662	165	Anhy., Lime San Andres 1640'
1662	1746	54	Lime and Shale
1746	1793	47	Lime
1793	1856	63	Lime, Shale
1856	2196	340	Lime and Sand
2196	2400	204	Lime
2400	2451	51	Lime and Shale
2451	2642	191	Lime and Sand
2642	2706	64	Lime
2706	2873	167	Lime and Sand
2873	3293	420	Lime
3293	3591	298	Lime and Shale
3591	4050	459	Lime and Sand
4050	4090	40	Lime and Chert
4090	4180	90	Lime
4180	4211	31	Lime and Sand
4211	4600	389	Lime and Chert
4600	4741	141	Lime
4741	4876	135	Lime and Chert
4876	4961	85	Lime
4961	4995	34	Lime and Chert
4995	5196	201	Lime
5196	5260	64	Lime and Shale
5260	6431	1171	Lime

