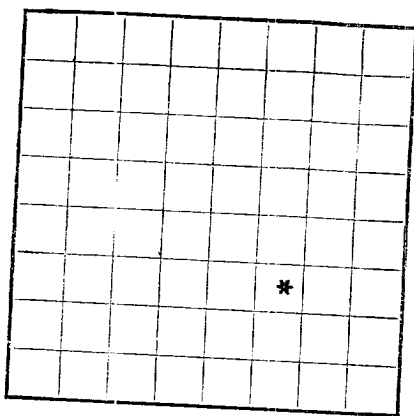




LOCATE WELL CORRECTLY

RECEIVED

NOV 10 1959

J. C. ROSS, JR., SUPERVISOR
U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 061783 (a)**
LEASE OR PERMIT TO PROSPECT

RECEIVED

LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 58 - Hobbs, N.M.**
Lessor or Tract **R. P. Windfohr** Field **Empire Abo** State **New Mexico**
Well No. **4** Sec. **4** T. **18S** R. **27E** Meridian **NMPM** County **Eddy**
Location **1581.7** ft. **(N.)** of **S** Line and **1645.38** ft. **(W.)** of **E** Line of **Section 4** Elevation **3597** 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 **November 19, 1959**Title **Area Superintendent**

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

Commenced drilling **1-19**, 19**59** Finished drilling **11-8**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5430** to **5580** 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	AR	J-55	1477	Guide	5530	5530	5578	Surface
4-1/2	9.5	AR	J-55	5645	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	1477	Circulated	Pump Plug		
4-1/2	5627	350	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 **5630** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 16, 1959 Put to producing **November 10**, 19**59**
The production for the first **24** hours was **122** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % 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	348	348	Surface and Red Bed
348	1364	1016	Gyp and Anhy.
1364	1636	272	Anhy.
1636	2072	436	Anhy., and Lime
2072	3532	1460	Lime
3532	3562	30	Lime and Sand
3562	5630 TD	2068	Lime

TOPS

Queen	-	855'
SA	-	1515'
Glorieta	-	2910'
Abo Pay	-	5430'

SECRET
DEPARTMENT OF THE ARMY
WASHINGTON, D. C.

FORMATION

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 "sacked" 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.