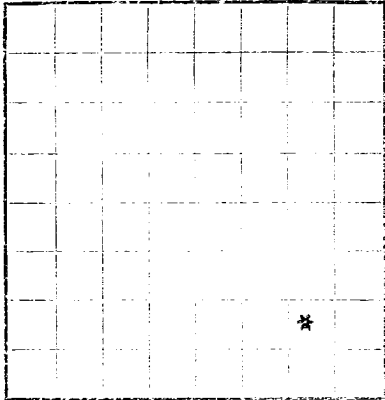


U. S. LAND OFFICE
SERIAL NUMBER **NM-01235 D**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 684, Hobbs, New Mexico**
Lessor or Tract **W. E. Bondurant** Field **West Tonto Yates** State **New Mexico**
Well No. **3** Sec. **13** T. **19S** R. **32E** Meridian **NMPM** County **Lea**
Location **990** ft. **N** of **S** Line and **990** ft. **W** of **E** Line of **13** Elevation **3634** **RDB**
(Datum: door 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 **May 26, 1961** Title **Area Superintendent**

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

Commenced drilling **February 26**, 19 **61** Finished drilling **March 4**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** to _____ 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	20	8V	X-52	283	Guide				Surface
4-1/2	9.5	8R	J-55	3402	Guide	320'	See Reverse	Oil Side	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	293	200 sk.	Pump Plug		
4-1/2	3394	925 sk.	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 **3394 TD** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% 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

B. N. DeZell _____, Driller **W. R. Adams** _____, Driller
Fred Schwettman _____, Driller **E. B. Ash** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	293	293	Red Bed and Anhy.
293	595	302	Anhy and Shale
595	660	65	Red Bed
660	900	240	Red Bed and Anhy.
900	1528	628	Anhy and Shale
1528	2020	492	Shale and Salt
2020	2857	837	Anhy and Salt
2857	3185	328	Anhy.
3185	3394 TD	209	Dolo and Lime
TOPS			
			Top Armydrite 1213'
			Base of Salt 2835'
			Top Yates Sand 3210'

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

We 1 drilled to a TD 3394'. All efforts to complete failed and all pay zones at emptied. Efforts were made as follows:

A 1 intervals between plugs filled with heavy mud laden fluid.

4-1/2" casing cut and pulled from 320'.