

U. S. LAND OFFICE

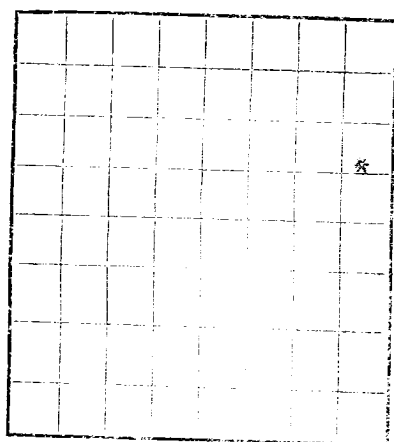
SERIAL NUMBER **NM - 01235 D**

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 63, Hobbs, New Mexico**
Lessor or Tract **W. E. Bondurant** Field **West Tonto Yates-**
Well No. **2** Sec. **13** T. **19S** R. **32E** Meridian **MPY** County **Lea**
Location **2310** ft. **N.** of **3/4** Line and **330** ft. **W.** of **E.** Line of **13** Elevation **3645** 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 **1-3-61**Title **Area Superintendent**

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

Commenced drilling **12-24-**, 19 **60** Finished drilling **12-30-**, 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3275** to **3280** 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"	22.36-24#	SI & SR	Armpco J-55	282	Guide				Surface
4-1/2"	9.5#	SR	J-55	3312	Guide		3275	3280	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"	290	200	Pump Plug		
4-1/2"	3305	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
Acidized w/500 gallons 15% regular acid thru perf 3275-3280.						

TOOLS USED

Rotary tools were used from **0** feet to **3305 TD** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completion Date **1-2-**, 19 **61** Put to producing **1-2-**, 19 **61**

The production for the first **24** hours was **127** barrels of fluid of which **39**% was oil; _____% emulsion; **61**% 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. De Zell, Driller **R. L. Howie**, Driller
Fred Schwettermann, Driller **E. B. Ash**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Red Bed & Sand
290	790	500	Red bed
790	1100	310	Red bed & Anhy
1100	1380	280	Anhy
1380	2781	1401	Anhy & Salt
2781	2835	54	Anhy
2835	2935	100	Anhy & Lime
2935	3265	330	Dolo & Lime
3265	3305	40	Lime
3275	TD		Yates Sand

TOPS	
Base Salt	- 2780
Yates Sand	- 3275

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 "snapped" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of holes. If things or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Or PT 1-2-61, on swab well made 49 80, 62 BW, 16 BW in 10 hours. Gas too small to measure. OGR 33.6%.
B: Allow 35 BOPD effective 1-2-61.

HISTORY OF OIL OR GAS WELL

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