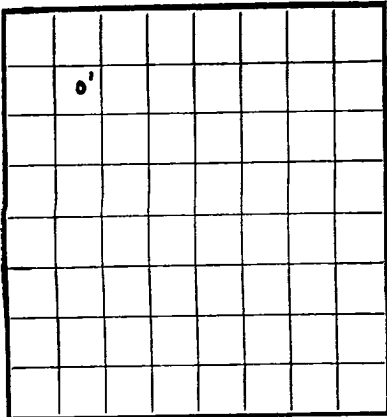


Form 9-330

Section 7

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080472**
LEASE OR PERMIT TO PROSPECT **Jillson-Federal**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Magnolia Petroleum Company** Address **Box 633, Midland, Texas**
Lessor or Tract **Jillson-Federal** Field **Undesignated Pictured**
Well No. **1** Sec. **7** T. **24N** R. **3W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **990** ft. **N** of **N** Line and **990** ft. **E** of **N** Line of **Section 7** Elevation **8766** (Est.)
(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.

Date **May 1, 1956** Signed **R. T. Gorman** Title **Division Superintendent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **April 4**, 19**56** Finished drilling **April 12**, 19**56**

OIL OR GAS SANDS OR ZONES (Total depth of well 3195' - 3190' PB TD)
(Denote gas by G)
Pictured Cliff
No. 1, from **3156'** to **3183'** 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 **NONE** 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"	294	8VT	LM	296'					
5-1/2"	154	6VT	LM	3158'					
5-1/2"	154	6VT	LM	3181'					
HISTORICAL RECORD OF WELL									

MUDDING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	309'	175	Pump & Plug	- -	No mud
5-1/2"	3195'	150	Pump & Plug	1.23	60 bbls.

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 **3195(TD)** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES
Well was put on Potential & then Shut In _____, 19____ Put to producing **Waiting on sale of Gas**
The production for the first 24 hours was **None** barrels of fluid of which **None**% was oil, **None**% emulsion, **None**% water; and **None**% sediment. Gravity, °Bé. **Est. .65**
If gas well, cu. ft. per 24 hours **4320 MCFPD** Gallons gasoline per 1,000 cu. ft. of gas **No test**
Rock pressure, lbs. per sq. in. **(TP 1012 PSIG)(CP 1012 PSIG)**

EMPLOYEES
Fleeger-Riley Drilling Co., Driller _____, Driller
721 Meadows Building, Driller _____, Driller
Dallas, Texas

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
2674'	2843'	169'	Ojo Alamo
2843'	3156'	313'	Kirtland
3156'	3183'	27'	Pictured Cliff
3183'	3195'	12'	Lewis

SUMMARY OF OPERATIONS
4-4-56 Spudded
4-5-56 Set 8-5/8" casing on bottom at 309' with 175 sx. cement, circulated, tested w/500# for 30 min before drilling plug and with 300# after drilling plug, tested OK, no break.
4-16-56 Set 5-1/2" casing on bottom at 3195' with 150 sx. cement, survey top cement at 2000', Drilled out cement & plug to 3190' (Plug Back Total Depth), Tested with 500# for 30 min, tested OK, no break. Per 5-1/2" casing 3158-3181' with 6 SPT. Waterfrac with 58,400 gals water & 59,000# sand, Casing Pressure 1500-900#. Shut in Casing Pressure 500#, after shut in 1 hr, dead.
4-17-56 Swab 60 bbls load water in 6 hrs.
4-18-56 Flow 125 bbls load water 1 hr and died. Swab 20 bbls load water 30 min. Kicked off & flowed 20 bbls water 30 min. Shut in 45 min. Flow to pits 12 hrs open 2" choke Gas Vol 2975 MCFPD. Casing Pressure 475#. Shut in 7 days for Potential test.
4-20-56 Shut in for Potential test, Casing Pressure 920#.
4-23-56 Shut in for Potential test, Casing Pressure 1100#.
4-24-56 Shut in for Potential test, Casing Pressure 1010#, after 129 hours.
4-26-56 After Shut in 7 days, Tubing Pressure 1012#, Casing Pressure 1012#, Flowed thru open 2" tubing for 3 hrs, Gas Vol. at end of 3 hrs at rate of 4320 MCFPD. Casing Pressure at end of 3 hrs 610#.

[illegible]

LOCATE WELL CORRECTLY

Completed drilling _____, 1935 _____
The summary on this page is for the condition of the well at above date.

IMPORTANT WATER SAVING

CASING RECORD

HISTORY OF OIL OR GAS WELL

X54m 7.10

SHOOTING RECORD

TOOL USED

DATE

RENOUVÉ

FORMATION RECORD

1. DATE 10/10/2011

[illegible][illegible]

FORMATION RECORD—Continued

Pressure 10154, Flowed thru open 5" tubing for 3