

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080172
LEASE OR PERMIT TO PROSPECT _____
Cullins-Federal

ST. 3 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOCATE WELL CORP.

Company Magnolia Petroleum Company Address P. O. Box 633, Midland, Texas
Lessor or Tract Gulline-Federal Field Undesignated Pictured State New Mexico
Well No. 1 Sec. 4 T. 24N R. 3W Meridian N.M.P.M. County Rio Arriba (Est.)
Location 990 ft. [N] of 3 Line and 990 ft. [E] of W Line of Section 4 Elevation 6000
(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 June 29, 1956

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

Reached Total Depth 3314'
June 4, 1956

Commenced drilling ----- **May 26**, 19**56** Finished drilling ----- **June 4**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3216' to 3225'
 No. 2, from 3250' to 3260'
 No. 3, from 3267' to 3277'

No. 4, from _____ to _____
 No. 5, from _____ to _____
 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	280' ^{SH}	130 Sx.	Circulated		
5-1/2"	3314'	150 Sx.	Pump & Plug	1.14	67 bbls of 9.5# per gal.

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED

Rotary tools were used from _____ feet to 354' (10) feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Well was placed on Potential and then Shut-In, 19--

The production for the first 24 hours was insuf. to measure Barrels of fluid of which 0 % was oil, 0 % emulsion; 100 % water; and 0 % sediment. Gravity, °Bé. 68

If gas well, cu. ft. per 24 hours **3250 MCFD** Gallons gasoline per 1,000 cu. ft. of gas **No Test**

Rock pressure, lbs. per sq. in. **TP 998#**. **CP 997#**.

EMPLOYEES

EMPLOYEES	
Moran Bros., Inc.	Driller
Oil & Gas Building	Driller
Wichita Falls, Texas	

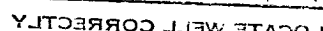
FORMATION RECORD

FORMATION RECORD

FROM—		TO—	TOTAL FEET	FORMATION
2745	2955	210	OJO Alamo	
2955	3209	254	Kirtland-Fruitland	
3209	3282	73	Pictured Cliff	
3282	3313	33	Lewis	

SUMMARY OF OPERATIONS

5-26-56 Spudded.
5-28-56 Set 8-5/8" casing on bottom @ 280' with 130 Sx cement, Circulated, tested with 300# for 30 min before and after drilling plug, tested OK, no break.
6-4-56 Set 5-1/2" casing on bottom @ 3314' with 150 Sx cement, temp. survey top of cement @ 2310', tested with 1000# for 30 min, tested OK, no break.
6-7-56 Ran Kloe. logs. Perf 5-1/2" casing 3216-3225', 3250-3260' & 3267-3277', in Pictured Cliff, with 6 SFF. Sand-water Frac with 60,000 gals down casing. CP 1300#. Shut in 3 hrs, CP 300#. Opened & flowed to pits 4 hrs thru open 2". Flowed 70 bbls water and died.
6-8-56 Ran 2" tubing, installed tree. Moved off rotary. Opened well, did not flow.
6-10-56 Moved in swab unit. From perf 3216-3225', 3250-3260', & 3267-3277', swab 50 BLW 3 hrs. Flow 100 BLW thru open 2" 18 hrs, Gas Vol. 1865 MCFPD. Lack 1850 BLW. Shut in for gas Potential.
6-17-56 After 7 day shut in CP 997#, TP 998#. Blow down 3 hrs. Flow gas @ rate of 2444 MCFPD on 3/4" ch. TP 190#. CP 529#. Calculated absolute open flow rate at rate of 3280 MCFPD.



8-558-4-21 10/10/10 10/10/10
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.

Location _____ ft. N. of _____ line and _____ E. of _____ Meridian

Well No. _____

Lessor or Trust _____

Company _____

Address _____

Dated _____

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

HISTORY OF OIL OR GAS WELL

INDEXING AND CEMENTING RECORD

SHOOTING RECORD

TOOLS USED

DATE

EMPLOYERS

SECRET

NOTIFICATION

INFORMATION RECORD—Continued