

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY Y

Company Magnolia Petroleum Company Address Box 633 Midland, Texas
 Lessor or Tract Jicarilla NGU Field Est. of Blance State New Mexico
 Well No. 3 Sec. 35 T. 27N R. 3W Meridian N.M.P.M. County Rio Arriba
 Location 990 ft. N of S. Line and 990 ft. E of W Line of Section 35 Elevation 7190

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 August 12, 1957 Title R.T. GERMAN
Director Superintendent

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

Commenced drilling June 14, 1957 Finished drilling August 1, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by $\odot$)

No. 1, from 3804 to 3885 (G) No. 4, from to
No. 2, from 5602 to 6126 (G) 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—	
10-3/4	32.75	8-11	British	316'					Surface
7-8	25.10	8-11	British	316'					Surface
5-1/2	14.8	8-11	Ingston	2230'					Liner
	15.50	8-11	Ingston	2230'					Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	316'	150	Pump & plug		
7-5/8	422'	100	Pump & plug	40	49010 lbs
5-1/2	6210'	200	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 6210 feet, and from feet to feet.

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

DATES

August 12, 1957 Put to producing July 31, 1957

The production for the first 24 hours was 0 barrels of fluid of which 0% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. _____

U.S. V. 280

If gas well, cu. ft. per 24 hours 204 MCF Gallons gasoline per 1,000 cu. ft. of gas No Test

Rock pressure, lbs. per sq. in. $\frac{570}{1690}$ V. $\frac{704}{1690}$ #

Paul F. Rutledge Drilling Co., Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3358	3570	212	Ojo Alamo
3570	3800	230	Kirtland Fruitland
3800	3895	95	Pictured Cliff
3895	5579	1684	Lewis
5579	5667	88	Cliff House
5667	5959	292	Menafee
5959	6131	172	Point Lookout
6131	6210	79	Mancus

SUMMARY

6-14-57 Spudded
6-17-57 Set 10-3/4" Surface casing on btm @ 316' W/150 sx.
6-25-57 Restored 100% lost circulation @ 3921' 10 hrs.
6-26-57 Run Elec. Logs.
6-27-57 WOC 7-5/8" casing on btm W/100 sx.
7- 2-57 Running 5 1/2" Liner to cemented on btm.
7- 3-57 WOC 2138' of 5 1/2" Liner on btm W/100 sx. Temp. survey 5900'. Prep to perf.
7- 5-57 Red cemented 5 1/2" Liner thru perf. @ 5665' W/100 sx. cam. over top of Liner W/100 sx.
7- 8-57 Drilled out plug & cement in 5 1/2" liner to 6175' FBTD. Perf 5 1/2" liner in W.V. 5602-5611', 5619-5622', 5633-5636', 5657-5664', 5852-5863', 5962-5979', 5994'-6009', 6002-41', 6060-6063', 6071 -6073', 6080'-6 94', 6116-6126', Sandwaterfrac all perf. W/115,000 Gals. Max. Press. 1875#. Using 300 rubber balls. Jetted 650 B.W 5 hrs. @ 1800'. Lack 2750'.
7- 9-57 from 12 sets Mesa Verde Perf. Jetted 450 B.W 24 hrs. from 5325'. Lack 2300'.
7-10-57 From 12 sets Mesa Verde Perf. Jetted 200 B.W 24 hrs. from 6174'. Gas Vol. 2590 MCF or day. Prep. to set slotted Cliff.

LEON

9-6-68

EMPLOYMENT RECORD—Continued

7-11-57 Perf. Pictured Cliffs 3834-3836', 3834'-3839, 3865'-3885'. Set Brige Plug @ 4074'. Sandwaterfrac W/40,000 Gals. CP-900#. Jetted 75 BLW 1 hr. from 1350'. Lack 1400 BLW.

7-15-57 After Sandwaterfrac Pictured Cliffs Perf. Jetted 75 BLW 24 hrs. from 4050'. Gas at rate of 960 MCF per day. Pulled Bridge lug at 4074'. Set Baker Prod. Bkr. at 5572'. Ran Mesa Verde Tubing W/4 gas lift valves. Ran Pictured Cliffs tubing. Installed tree. Rig released 8 A.M. 7-14-57.

7-16-57 Shut in. Installing gas lift line.

7-17-57 From all perf. gas lifted 60 BLW 6 hrs.

7-19-57 Shut in move off rig.

7-22-57 Mesa Verde perf. fl. 50 BLW 24 hrs. Dry last hr. Gas Est. 3000 MCF per day. 3 sets Pictured Cliffs flow 2 hrs. Died.

7-23-57 Shut in wait on Otis Pressure Control.

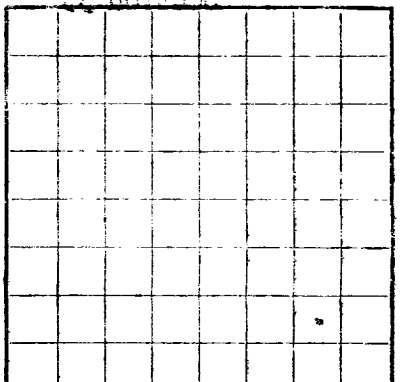
7-24-57 Shut in for Potential

8- 1-57 Poteneial test Mesa Verde, after 7 days shut in TP-1690#. flow 3 hrs. 48/64" ch. End of 3 hrs. TP-231#. flow gas at rate of 2890 MCF per day. Calc. Absolute open fl. of 3081 MCF per day. Pictured Cliffs after 7 days shut in

U. S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20240

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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LOCATE WELL CORRECTLY

Company Name _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
The summary on this page is for the condition of the well at above date.

Commenced drilling _____
OIL OR GAS SANDS OR ZONES

No. 1 from	No. 2 from	No. 3 from
_____	_____	_____
_____	_____	_____
_____	_____	_____

IMPORTANT WATER SANDS

No. 1 from	No. 2 from
_____	_____
_____	_____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
_____	_____	_____	_____	_____	_____	_____	_____	_____

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 same, and any changes made in the casing, sand tally, and at any casing was determined for the well, state 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 pulling.

History of Oil or Gas Well

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
_____	_____	_____	_____	_____	_____

FLUGS AND ADAPTERS

Size	Where set	Material
_____	_____	_____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
_____	_____	_____	_____	_____	_____	_____

TOOLS USED

Rotary tools were used from	Cable tools were used from
_____	_____

DATES

Put to producing	_____
_____	_____

Rock pressure, lbs. per sq. in. _____
If gas well, cu. ft. per 24 hours _____
The production for the first 24 hours was _____
emulsion; _____% water; and _____% sediment.

Barrels of fluid of which _____% was oil; _____% _____
Gravity, _____
Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

Driller	_____
_____	_____

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
_____	_____	_____	_____

FORMATION RECORD—Continued
