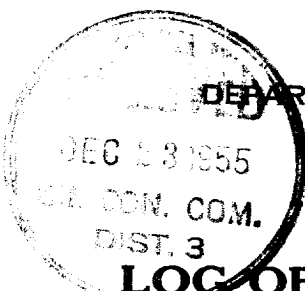


LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Magnolia Petroleum Company** Address **P. O. Box 633, Midland, Texas**
 Lessor or Tract **Jicarilla "C"** Field **Undesignated Pictured**
 Well No. **1** Sec. **7** T. **26N** R. **3W** Meridian **N.M.P.M.** County **Rio Arriba**
 Location **990** ft. **(N)** of **8** Line and **990** ft. **(E)** of **W** Line of **Section 7** Elevation **6898'**
 (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 **November 7, 1955**Signed **A. T. Gorman**
Title **Division Superintendent**

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

Commenced drilling **October 4**, 19**55** Finished drilling **October 26**, 19**55**
 (Total Depth of Well **3635'**)

OJO Alamo

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3190'** to **3286'** No. 4, from _____ to _____
 No. 2, from **3286'** to **3579'** No. 5, from _____ to _____
 No. 3, from **3579'** to **3635'** 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 24#		8RT	Natl.	272'					
5-1/2 15.3#		8RT	Repsco	3273'					
5-1/2 11#		8RT	Repsco	3579'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	272'	175	Pump & Plug	9.4# to	27500# gel
5-1/2	3590'	625	Pump & Plug	10.1#	3900# chemical
				per gal	13000# of lost circ material

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

SEE REMARKS FOR SANDFRAC RECORD

TOOLS USED

Rotary tools were used from **0** feet to **3590** feet, and from _____ feet to _____ feet
 Cable tools were used from **3590** feet to **3635** feet, and from _____ feet to _____ feet

~~Well was put on Potential~~
~~& then Shut In~~

DATES

Waiting On Sale of Gas
 Put to producing _____, 19____

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. **No Fluid**

If gas well, cu. ft. per 24 hours **1834.2MCF** Gallons gasoline per 1,000 cu. ft. of gas **No Test**

Rock pressure, lbs. per sq. in. **(TP 993#) (CP 1000#)**

(Rotary Tools)

EMPLOYEES

(Cable Tools)

Smith Drilling Corp., Driller **McKinney Drilling Company**, Driller
P. O. Box 1817 **P. O. Box 716**
Farmington, New Mexico, Driller **Farmington, New Mexico**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3190'	3286'	96'	OJO Alamo
3286'	3579'	293'	Kirtland-Fruitland
3579'	3635'(TD)	56'	Pictured Cliff

SANDFRAC RECORD

From Open Hole 3590-3635', after 20,000 gals Sandfrac, flowed 138 BLO
 And no str in 18 hrs on 3/4" ch. TP 100-90#. 8 BLO last hr. Gas
 rate of 925 MCF per day. Shut in 3 hrs. TP 50-650#. CP 90-650#.
 Open 2" tbg blow 3 hrs. At end of 3 hrs gas vol 952 MCF per day.
 CP 225#. Lack 369 BLO. Shut in for Potential.

Coring Record

No Cores.

Drill Stem Tests

No Drill Stem Tests.

Summary Of Operations

Spudded October 4, 1955.

Set 272' of 8-5/8" casing on btm W/175 SX. Circulated.

Set 3590' of 5-1/2" casing on btm W/525 SX, did not circulate.

WOC 8 hrs. Ran Temp. Survey, top of cement @ 340'. Drilled out

cement plugs in 5-1/2" casing 3485-3590'. Tested 3 hrs, no fluid

came in. Then mud started coming in from 3622-3625'. Bailed 19

Bbls mud in 19 hrs, then bailed 13 gal water and 2 gal oil in 11

hrs. Ran 2" tbg and gravel packed open hole 3625-3605', set

Hydromite plug 3605-3595', set retainer @ 3582'. Squeezed open

hole 3590-3595' W/100 SX @ 750#-0#-500#. WOC 24 hrs. Drilled

out retainer, cement, and pea gravel to 3625'. Bailed hole dry.

No show of gas or water, shut off OK.

Ran 2" tbg.

Sandfrac.

After shut in 7 days, Potential test 3 hrs. Blow down open 2"

tbg, gas flow rate of 1834 MCF per day. Shut in tbg press 993#.

Casing press 1000#. After 2 hrs blow down, tbg press 283#.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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