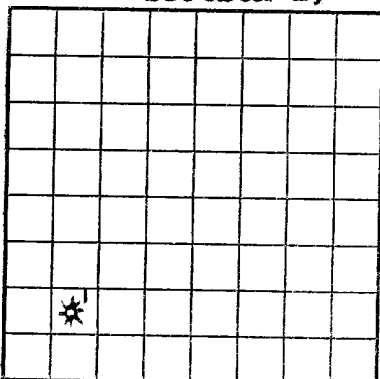


Section 19



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 **Jicarilla "B"** Field **Undesignated Pictured** State **New Mexico**
Well No. **1** Sec. **19** T. **26N** R. **3W** Meridian **NMPM** County **Rio Arriba**
Location **990 ft. {N} of 8 Line and 990 ft. {E} of W Line of Section 19** Elevation **7235' (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 **October 6, 1955** Signed **R. T. Gorman** Title **Division Superintendent**

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

Commenced drilling **August 31**, 19**55** Finished drilling **September 21**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

OJO Alamo
No. 1, from **3393'** to **3578'** No. 4, from _____ to _____
Kirtland-Fruitland
No. 2, from **3578'** to **3874'** No. 5, from _____ to _____
Pictured Cliff
No. 3, from **3874'** to **3930' (TD)** 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	8RT	Y-88	271'					
5-1/2	14	8RT	LS-8100	3890'					
			Weld						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	271'	250	Pump & Plug		
5-1/2	3890'	700	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

SEE REMARKS FOR SANDFRAC RECORD

TOOLS USED

Rotary tools were used from **0** feet to **3890** feet, and from _____ feet to _____ feet
Cable tools were used from **3890** feet to **3930** feet, and from _____ feet to _____ feet

Well was put on Potential
& then Shut In **9/21**, 19**55**

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 **4,501 MCF** Gallons gasoline per 1,000 cu. ft. of gas **No Test**

Rock pressure, lbs. per sq. in. **1029 PSIG**

EMPLOYEES

Magnolia Petroleum Company Driller _____, Driller
McKinney Drilling Company _____, Driller
P. O. Box 716 _____, Driller
Farmington, New Mexico

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3393'	3578'	185'	OJO Alamo
3578'	3874'	296'	Kirtland-Fruitland
3874'	3930' (TD)	56'	Pictured Cliff

SANDFRAC RECORD

1. Sandfrac OH 3890-3940' W/16,000 gal. TP 1350-1200#. Inj. rate 31.7 bbls. per minute. Sw. & Fl. 207 BLO 12 hrs. Last 9 hrs. Fl. gas rate of 3480 MCF per day, 3/4" ch., 1 BLO last hr. TP 360#. Fl. 12 BLO 5 hrs., 3/4" ch. TP 340#. Shut In 1 hr. 50 minutes. TP 340# to 800#. Opened & Fl. thru 2" tbg. 3 hrs. Potential tube gas tested 3783 MCF per day.

CORING RECORD

No Cores.

DRILL STEM TESTS

No Drill Stem Tests.

SUMMARY OF OPERATIONS

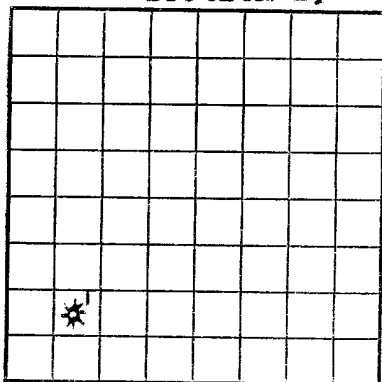
Spud 8-31-55.
Cmt 10-3/4" Csg @ 271' W/250 Sx, Circ.
Tested 10-3/4" Csg before & after drilling plugs W/600#.
Tested OK.
Cmt 5-1/2" Csg @ 3890' W/700 Sx. Did not Circ.
Tested 5-1/2" Csg for Water Shut off. Tested dry, no break.
Sandfrac (see Sandfrac record).
Shut In 7 days
Estimated 9-21-55. Flow 3 hrs. on open 2" tbg. from open

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FORMATION RECORD—Continued

Tested 10-3/4" Cag before & after drilling plus W/000.



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(Denote gas by G)

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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

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Rotary tools were used from **0** feet to **3890** feet, and from _____ feet to _____ feet
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Tested 5-1/2" Csg for Water Shut off. Tested dry, no break.
Sandfrac (see Sandfrac record).
Shut In 7 days
Potentialized 9-31-55. Flow 3 hrs. on open 2" tbg. from open hole 3890-3930' - rate of 4,501 MCF Gas per day. TP 1028#. CP 1029#.

