

Section 21

INDIAN LANDS

U. S. LAND OFFICE Consolidate Ute
SERIAL NUMBER 14-20-604-83
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

1959

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Magnolia Petroleum Company Address Box 2406, Hobbs, New Mexico
 Lessor or Tract Ute Mountain Field Verde Gallup State New Mexico
 Well No. 2 Sec. 21 T. 31N R. 14W Meridian N.M.P.M. County San Juan
 Location 1980 ft. N. of N Line and 660 ft. E. of W Line of Sec. 21 Elevation 5695'

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 April 14, 1959

Title District Superintendent

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

Commenced drilling 3-15, 1959 Finished drilling 3-29, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2867 to 2887 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 _____ to _____

No. 2, from _____ to _____

No. 3, 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	29	8VT	Line pipe	106					Surface string Intermediate string
5-1/2	14	8BT	J-55	2760					
4-1/2	10.79	10VT	PP	110			2727	2837	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	117	80	Pump & plug		
5-1/2	2770	280	Pump & plug		
4-1/2	2887				

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 2887 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ----- 1-10 -----, 1950

The production for the first 24 hours was 135 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 10.18 @ 60°

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1155	1519	364	Point Lookout
1519	2553	1034	Mancus
2553	2755	202	Gallup
2755	2887	132	Lower Gallup

Perforations

Ran 140' of 4 1/2" liner perf w/2 3/8" holes per ft. Top 20' of liner is not perf.

Summary

3-6-59 Staked Location.
3-15-59 Commenced Drilling Operations (Spud Date).
3-16-59 Ran 106' of 8 5/8" csg set @ 117' cemented w/80 sks 4% Cacl₂, circ cem PD 8:45 p.m. WOC.
3-17-59 Tested 8 5/8" csg w/800# for 15 min, held OK.
3-23-59 Lost 100% returns while drlg w/water @ 1995', restored 100% circ in 2 hrs w/mud, Fibre & Mica.
3-24-59 Lost 100% circ @ 2345, restored 100% circ w/Fibre & jet flakes in 2 hrs 35 mins.
3-26-59 Schlumberger ran Electrical Log to 2569'.
3-27-59 Ran 2760' of 5 1/2" csg set @ 2770' cemented w/250 sks 8% Gel + 1/2# Flocele/sk + 30 sks neat. PD 4:00 a.m. WOC.
3-28-59 Tested 5 1/2" csg w/1000# for 30 mins, held OK.
3-27-59 B & R Service, Inc. ran temp survey. Top cement @ 950'.

Summary of Operations - Continued

3-29-59 Schlumberger ran Induction log to 2887'.
3-29-59 Ran 1140' of 4½" perforated liner, perf w/2 3/8" holes per ft. Top
liner @ 2747', bottom of liner @ 2887'. Top 20' of liner was not per-
forated.
3-29-59 Rig released 4:30 p.m.
3-30-59 Moved in J.P. "Bum" Gibbons Unit.
3-30-59 Howco sand oil frac 2770-2887 w/35000 gals lse crude + 45,800# 10-20
mesh sand. No break down. Max treat press 1500#, min treat press
970#. Av inj 60 BPM, 5 min SI press Off.
3-31-59 Ran 2" tbg to 2875, perf nipple 2845, seat nipple @ 2844'. Ran 5/8"
rods & 1½" x 10' pump.
4-1-59 Released J. P. "Bum" Gibbons Unit.
4-1-59 Installed pump unit.
4-10-59 Potential test completed.

[illegible]