

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **080472**LEASE OR PERMIT TO PROSPECT **Chilline-Federal**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Magnolia Petroleum Company** Address **Box 633 Midland, Texas**
Lessor or Tract **Chilline-Federal** Field **So. Blanco** State **New Mexico**
Well No. **2** Sec. **4** T. **24N** R. **3W** Meridian **N.M.P.M.** County **Mio Arriba**
Location **1650** ft. **N.** of **11** Line and **990** ft. **E.** of **5** Line of **Section 4** Elevation **7022**
(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.

Signed

Date **October 7, 1957**Title **R. F. GERMAN**
Division Superintendent

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

Commenced drilling **September 4,** 19**57** Finished drilling **September 15,** 19**57**OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3314** to **3339** 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 **none** to **none** 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	29	8 VT	L.W.	238'					Surface
5 1/2	14	8 ST	M.W.	3392'					Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	238'	200	Pump & Plug		
5 1/2	3392'	200	Pump & Plug	44	17,630 lbs.

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 _____ feet to **3392** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 7, 19**57** Put to producing **potential & shut in** 19**57**

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **no test.**

If gas well, cu. ft. per 24 hours **1638 MCF** Gallons gasoline per 1,000 cu. ft. of gas **no test**Rock pressure, lbs. per sq. in. **122 #**

EMPLOYEES

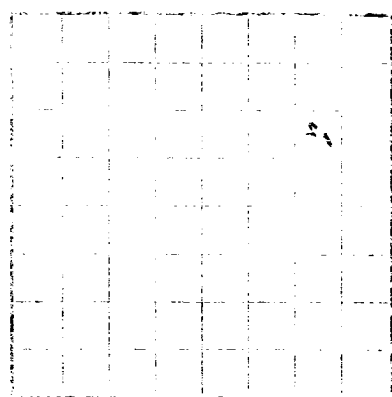
George W. Riley, Inc. _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2394	3015	121	Ojo Alamo
3015	3279	264	Hartland Fruitland
3279	3347	68	Pictured Cliffs
3347	3392	45	Lewis

SUMMARY

9-4-57 Spudded
9-6-57 8-5/8" Casing on btm. with 200 sx.
9-12-57 Run Electric Logs.
9-16-57 Set 5 1/2" Casing on btm. 3392' with 200 sx cement. Top cem. by temp survey
2050'. Washed out cement in 5 1/2" Casing to 3372'. BTD. Perf 5 1/2" Casing
3314-3327' and 3332-3339',. Sandwaterfrec with 20,000 gals. down casing C -
3000'. Using 90 rubber balls. Flowed 300 gals 2 hrs. Died. Jan 2" tbg. Rig
released 9-15-57.
9-20-57 Flow 50 gals 24 hrs. Gas Volume 1869 MCF per day.
9-23-57 Shut in for Gas potential.
9-30-57 Potential test after 7 days shut in T-9344. C-9344. Flowed gas 3 hrs.
on 4 1/2" chk. T-1224. C-1974. Gas volume 1570 MCF per day calculated
absolute open flow 1638 MCF per day. Completed 9-15-57.



LOG OF OIL OR GAS WELL

LOCATE BELT CORRUPT

[illegible]

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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD-Continued

STAIN D JO=