Re-9-1-55 Re-9-7-55

F. Loc. 1650/N; 1650/E Elev. 7176 DF Spd. 1-3-52 Comp. 4-18-52 TD 3475 PB 3421

Casing S. 10-3/4 @ 217 W 185 Sx. Int. @ W Sx. Pr. 5½ @ 3396 W 300 Sx. T. 1 @ 3403

Csg. Perf. 112 shots 3346-74 Prod. Stim. Shot 1370 qts. 3395-3475

SCF 3346-74 w/78000#, 11000# sand

I.P. 237 MCF/D After 3 Hrs. Sic. P. 409# PSI After 14 Days GOR Grav. 1st Del. Trans

TOPS		NITD		Well Log	X
Kirtland	3140	C-102		Plat	X
Fruitland		C-103		Electric Log	✓
Pictured Cliffs	3383	C-104	X ✓	C-110	✓
Cliff House				C-122-B	✓
Menefee					
Point Lookout					
Mancos					
Tocito					
Dakota					
Morrison					
Entrada					
P.C.	3483				

Remarks

1: 134 MCF - 3 hrs after W.O.

TEST DATA						
Schd.	PC	Q	PW	PD	D	All.

Pool P.C. Co. Rio Arriba S 7 T 24N R 2W U G Oper. Magnolia Lse. Marron-Fed. No. 1

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct	Nov.	Dec.

Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

G Oper. EPNG Lse. Marron-Fed. No. 1

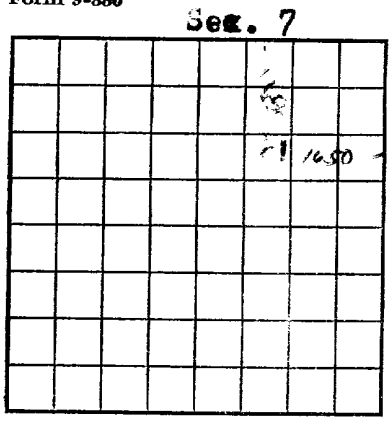
7-24-2

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078908
LEASE OR PERMIT TO PROSPECT

Sec. 7



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 Marron-Federal Field Lindrith State New Mexico
Well No. 1 Sec. 7 T. 24N R. 2W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. {N.} of N Line and 1650 ft. {E.} of E Line of Sec. 7 Elevation 7176
(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 Harve H. Mayfield
Title Assistant, Div. Sup't

Date January 5, 1953

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

Commenced drilling January 3, 1952 Finished drilling April 18, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from (G) 3383 to (G) 3475 - Sand
- Slight show of gas.
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to
No. 2, from to
No. 3, from to
No. 4, from to

RECEIVED
JAN 12 1953
OIL CON. COM.
DIST. 3

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4	32.75	8 Rd	SS	217	Halibu				
5-1/2	14	8 Rd	NTSS	1321					
5-1/2	15.50	8 Rd	SS	1865	Halibu				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	217	185 Sx Common	Pump & Plug		Tested 500#, 30 min No Break.
5-1/2	3386	300 Sx Common	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set
Adapters—Material None Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
(Dump Shot)		Nitro-Glycerin	320 Qt	4-21-52	3398-3475	3475
(Dump Shot)		Nitro-Glycerin	1050 Q	5-2-52	3395-3475	3475

TOOLS USED

Rotary tools were used from 130 feet to 3386 feet, and from feet to feet
Cable tools were used from 0 feet to 130 feet, and from 3386 feet to 3475 feet

DATES

Completed Pot. Test 5-26-52
May 26, 1952 Put to producing Temp. Abandoned Well 19

The production for the first 24 hours was No barrels of fluid of which — % was oil; — % emulsion; — % water; and — % sediment.

Gravity, °Bé.

If gas well, cu. ft. per 24 hours 24.36 MCF Gallons gasoline per 1,000 cu. ft. of gas Estimated less than ½ Gal per MCF

Rock pressure, lbs. per sq. in. 46.5#

EMPLOYEES

Power-Rotary:
Claud M. Carroll, Driller
Farmington, New Mexico, Driller

Cable Tools:
Basin Drilling Company, Driller
P.O. Box 716, Farmington N.M., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Shale
15	30	15	Shale
30	40	10	Sand & Shale
40	85	45	Shale
85	110	25	Shale
110	130	20	Shale-Moved in Rotary-Moved out Cable tools
130	217	87	Shale-WOC on 10-3/4" Csg, cemented on bottom w/185 sax.
217	1980	1763	Shale
1980	2575	595	Shale
2575	2980	405	Shale
2980	3320	340	Shale & Sand - Lost Circ for 12 hrs @ 3316.
3320	3386	66	Shale & Sand - Top Picture Cliff @ 3383' Ran 5½"csg, cmt. on Bottom w/300 Sx, Tore down rotary, prep to move in Cabel Tools
3386	3475	89	Sand - Shot 3398-3475 w/370 Qts.C/O to bottom. Re-shot 3395-3475 w/1050 Qts - lost bailer in hole. Rec. bailer - Found leak in Csg. @ 2025, Repaired leak - C/O hole to Bottom, 3475. Potential Test Well And temporarily Abandoned.

(OVER)

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION SUMMARY

FORMATION	GEOLOGIC TOP	REMARKS
Kirdland-Fruitland	3140'	
Shale	3316	Lost 90% Circulation, recovered with Hulls and Fiber Seal in 12 hours.
Picture Cliffs	3333	
Sand & Shale	3387	Slight Show of Gas
Lewis Sand	3465	

There were no drill stem test or Cores taken on this well.

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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 bailing.

SUMMARY OF OPERATIONS

1-3-52 - Commenced Drilling with Spudder.
1-13-52- Moved in Rotary
1-19-52- Set 10-3/4" Csg. @ 217' w/185 Sx, Circulated
1-25-52- Set 5½" csg @ 3386' w/300 sx. Tore Down Rotary. Waited on weather from 1-25-52 to 4-2-52.
4-2-52 - Moved in cable tools.
4-19-52 - Ran Lane Wells BR&Nlig. Specialty Shooting Co. Shot 3395' to 3475' w/320 Qts #2 Solidified Dumped Pea Gravel 3395' to 3358' plus 6 sacks Calseal from 3395' to 3358'. Loaded w/Water.
5-2-52 - Specialty Shot 3396-3475' w/1050 Qts #2 Solidified Pea Gravel from 3396'-3394'. Plus 3 sacks Calseal. All Dumped.
5-27-52 - Well made 24-36 MCF per day. Pull 2" Tubing, install Christmas tree & Temp. Abandoned Well.

RECEIVED