

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Magnolia Petroleum Company Address P.O. Box 633 - Midland, Texas
Lessor or Tract Childers-Federal Field Unnamed State New Mexico
Well No. 1 Sec. 11 T. 9S R. 36E Meridian N.M.P.M. County Lea
Location 660 ft. XX of N Line and 1980 ft. XX of E Line of Section 11 Elevation 4057
(Denotes 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

R.T. German, Division Sup't.

Date July 12, 1954

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

Commenced drilling March 14, 1954, 19 Finished drilling May 23, 1954, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

San Andres (Tops)

No. 1, from 4085' to No. 4, from to

Abo

No. 2, from 7722' to No. 5, from to

Permian Penn

No. 3, from 8987' to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from Water piped into location. 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	8HT	H-40	472	Hallib.				Surf.
7-5/8	26.40	8HT	H-40	2067	Hallib.				Salt
7-5/8	26.40	8HT	H-40	2233	Hallib.				Salt
5-1/2	17	8HT	H-40	2956	Hallib.				Salt
5-1/2	17	8HT	H-40	3367	Hallib.				Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	485	500 Sacks	Pump & Plug		
7-5/8	5000	2000 Sacks	Pump & Plug		
5-1/2	9713	550 Sacks	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
From 9682-9689' Shot with 28 1/2" Jet Holes						

TOOLS USED

Rotary tools were used from 0 feet to 9713' feet, and from feet to feet

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

DATES

Pot. Test. June 26, 1954, 19 Put to producing June 26, 1954, 19The production for the first 24 hours was 246.65 barrels of fluid of which 42% was oil; 0 % emulsion; 57% water; and 0 % sediment. Gravity, °Bé. 45.8

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Southeastern Drilling Co., Driller

901 Employer's Insurance Building, Driller

Dallas, Texas, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	374	374	Gumbo Sand & Clay
374	1919	1545	Red Bed
1919	3580	1661	Red Bed & Anhydrite
3580	3610	30	Anhydrite & Junk
3610	3980	370	Salt & Anhydrite
3980	4425	445	Lime & Abhydrite
4425	4820	395	Lime
4820	4975	155	Core
4975	7700	2725	Lime
7700	8747	1047	Lime & Shale
8747	9647	900	Lime
9647	9713	66	Core

GEOLOGICAL TOPS

FORMATION	TOP
Anhydrite	2236
Yates	2830
San Andres	4085
Glorietta	5528
Tubb	6936
Abo	7722
Permian Penn	8987

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

1. The first part of the document is a header section containing the following information:

- UNITED STATES DEPARTMENT OF THE INTERIOR
- BUREAU OF LAND MANAGEMENT
- WASH. D.C.

2. The second part of the document is a title section containing the following information:

- WATER RESOURCES DIVISION
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SECURITY INFORMATION
JAN 19 1964

INVESTIGATION OF THE
CAUSE OF THE
FIRE