

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 Con-Federal Field Allison-Penn. State New Mexico
Well No. 2 Sec. 12 T. 9S R. 36E Meridian N.M.P.M. County Lea (Est)
Location 660 ft. N. of N Line and 660 ft. E. of W Line of Section 12 Elevation 4049

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
HARVE H. MAYFIELD
Title Assistant Dir., Superintendent

Date August 8, 1956

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

Commenced drilling ----- April 9 -----, 1956 Finished drilling ----- June 18 -----, 1956
Reached Total Depth 9813'

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from None to _____

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 9793' to 9813' 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	H40	429'					
7-5/16"	21	8RT	H40	2355'					
7-5/16"	21	8RT	H40	2355'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	439'	450 sx.	Circulated		
7-5/8"	4220'	1487 sx.	Pump & plug	1.19	3 bbls of 9.9# per gal.
				1.27	402 bbls of 10.6# per gal.
					in hole

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
12	12	12	12	12	12	12
12	12	12	12	12	12	12
12	12	12	12	12	12	12

TOOLS USED

Rotary tools were used from 0 feet to 943.1 (TD) feet, and from feet to feet

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

DATES

-----, 19-----	Put to producing ----- Dry Hole -----, 19-----
The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment.	Gravity, °Bé. -----
If gas well, cu. ft. per 24 hours -----	Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. -----	

EMPLOYEES

Magnolia Petroleum Company	Driller	Driller
P. O. Box 613	Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2190	2297	107	Anhy.
2297	2716	419	Salt
2716	2842	126	Base of Salt
2842	3548	706	Yates
3548	4097	549	Queen
4097	5530	1433	San Andres
5530	6931	1401	Glorieta
6931	7720	789	Tubb
7720	8988	1268	Abo
8988	9678	690	Perno Penn
9678	9678 (TD)	135	Bough "G"

SUMMARY OF OPERATIONS

4-9-56 Spudded
4-11-56 Set 10-3/4" casing on bottom @ 439' w/450 sx cmt., circulated.
4-19-56 Set 7-5/8" casing on bottom @ 4220' w/1487 sx cmt., did not
circulate.
4-24-56 Drill Stem Test San Andres 4860-4940' 5/8" X 1" ch, tool open
1 hr, no water cushion. Nothing to surface. Recovered 90'
drilling mud, no shows. SFP 0#. BHFP 90#. 15 min BHSIP 150#.
5-28-56 Drill Stem Test Wolfcamp @ 8970-9040' 2 hrs 15 min 5/8" X 1" ch.
No water cushion. Nothing to surface. Recovered 300' drilling
mud, no shows oil or gas or water. SFP 0#. BHFP 180#. 30 min
BHSIP 2765#.
6-12-56 Cement 261' SFP 0# recovered 261' mud & shale. No shows. 7 min

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.

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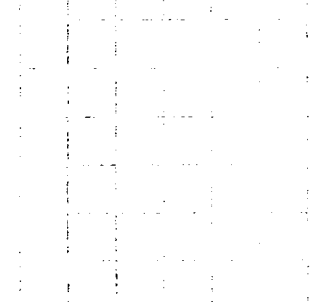
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ПРОГНОЗЫ ВОЗРАСТА

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.