

Santa Fe

U. S. LAND OFFICE
SERIAL NUMBER 078700LEASE OR PERMIT TO PROSPECT
Hutchinson-Federal

#2

Sec. 15

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 Hutchinson-Federal Field Unnamed State New Mexico
Well No. 2 Sec. 15 T9N R3W Meridian N.H.P.M. County Sandoval
Location 1986 ft. N. of 3 Line and 660 ft. E. of 3 Line of Sec. 15 Elevation 5788'
(Denotes foot 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 [Signature] Title L. German, Div. Sup't.Date April 1, 1954

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

Commenced drilling November 28, 1953 Finished drilling December 10, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

Mesa Verde (top) to 340 No. 4, from to
Tosito (top) to 3162 No. 5, from to
No. 2, from to
Entrada No. 3, from 5183 to 5199 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None - water hauled to No. 3, from to
location No. 4, from to
No. 2, 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—	
9-5/8	36	2 RT	J-55	470	Hallib.				Surface Oil String
7"	23	8 RT	J-55	5200	Hallib.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Purpose
9-5/8	470	475	Pump & Plug		Amount of mud used 1954 OIL CON. COM. PAGE 3
7"	5200	500	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
	<u>NONE</u>					

TOOLS USED

Rotary tools were used from 0 feet to 5202 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing December 17, 1953

The production for the first 24 hours was 220 barrels of fluid of which 24 % was oil; 0 %
emulsion 72 % 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

Creekmore Drilling Co., Driller , Driller
809 Thomason Bldg
Tulsa, Oklahoma, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5175	5175'	Sand & Shale
5175	5202	27'	Anhydrite & Sand

FORMATION SUMMARY

Formation
Mesa Verde
Lancos
Tosito
Green Horn
Dakota
Morrison
Tosilto
Entrada

Top
340
2062
3162
3953
4174
4432
5183
5199

DRILL STEM TESTS

Test #1 on 12-10-53 from 5187-5202' - Open Hole, Tool set 5187'.
Chokes 1" X 1" - No Water Cushion - Test time 1 hr. Entrada, 2 pkrs,
nothing to surface. Recovered 1580' Free Oil, 90' mud cut oil, no
water, SHP 0#, SHFP 130-540#, 20 Min SIP 2020#, RH 2400# in & out.

CORE RECORD:

No.	From	To	Recovered	Description
1	5160	5175	14'	5160-5165 Red Sand 5165-5166 light gray line 1/4 shale <u>Stringers</u> 5166-5169 Red & Gray Shale 5169-5174 Pink Shale Sand

2. 5175 5202 23' 20' Anhydrite
3' Fine grain to medium grain sand /
good stain & fluorescence.

History of the Well

11-13-53 Location staked.
11-13-53 Commenced drilling (Spud Date)
11-19-53 Set 9-5/8" casing 470' w/475 sacks.
11-21-53 Tested casing OK.
12-1-53 Schlumberger Microlog to 3380'.
12-1-53 Schlumberger Electrical to 3519'.
12-1-53 Schlumberger Laterolog to 3519'.
12-9-53 Core #1 5160-5175'.
12-9-53 Core #2 5175-5202'.
12-10-53 DST #1 Entrada 5187-5202'.
12-12-53 Schlumberger Microlog to 5200'.
12-12-53 Schlumberger Electrical Log to 5205'.
12-12-53 Schlumberger Laterolog to 5205'.
12-13-53 Set 7" casing 5200' w/500 sacks.
12-13-53 Halliburton ran temperature survey to 5125', top ann 5200'.
12-16-53 Air released 8:00 PM.