

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 064118
LEASE OR PERMIT TO PROSPECT _____

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Amon G. Carter Address P. O. Box 1688, Kermit, Texas
 Lessor or Tract E. C. Hill Field Teague State New Mexico
 Well No. 2-M Sec. 34 T. 23-S R. 37-E Meridian NMPM County Lea
 Location 840 ft. N of N Line and 655.5 ft. E of E Line of Section 34 Elevation 3275
(Derive four 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.

Date April 14, 1953

Title Field Manager

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

Commenced drilling January 27, 1953 Finished drilling April 2, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote year by 2)

No. 1, from <u>7,225</u> to <u>7,400</u>	No. 4, from _____ to _____
No. 2, from <u>9,095</u> to <u>9,371</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 65 to 85 No. 3, from _____ to _____
No. 2, from 615 to 630 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—	
13-3/8	48#	8	Spang	300	Halliburton				
9-5/8	36 & 40	8	Spang	2,977	Halliburton				
7" CD	23 & 26	8	Spang	9,914	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	314	300 sacks / 3% gel.	Pump & plug		
9-5/8	2,928	1500 sacks / 3% gel.	Pump & plug		
7" OD	9,337	675 sacks / 3% gel.	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 9,371 feet, and from _____ feet to _____ feet

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

DATES

April 14, 1953 Put to producing April 3, 1953

The production for the first 24 hours was 432 barrels of fluid of which 100 % was oil; --- % emulsion; --- % water; and --- % sediment. Gravity, °Bé. 42.6

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

.....J. D. Calloway....., Driller

J. B. Woods, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1,045	1,045	Red Sand & Shale.
1,045	1,270	225	Anhy. Sand & Red Shale. Top Anhy 1045 (12230)
1,270	2,357	1,087	Salt, potash, anhy., Red Shale. Top Salt 1270 (12005). Base Salt 2357 (1918).
2,357	2,477	120	Anhy., Red & Green Shale. Top Yates 2477 (1798)
2,477	2,914	437	Anhy., Sand, Red & Green Shale & Dolomite.
2,914	3,386	472	Red & Gray Shale, Anhy. & Dolomite. Top Penrose 3386 (-111)
3,386	3,782	396	Dolomite, Sand, Anhy. & Green Shale. Top of San Andres 3782 (-507).
3,782	4,910	1,128	Dolomite, Sand & some chert. Top Glorieta 4910 (-1635).
4,910	5,892	982	Lime & Dolomite. Top Tubbs 5892 (-2617).
5,892	7,240	1,348	Lime, Dolomite and Sand. Top Devonian 7240 (-3965)
7,240	8,195	955	Lime & Dolomite. Top Fusselman 8195 (-4920).
8,195	8,420	225	Dolomite and chert. Top Montoya 8420 (-5145).
8,420	8,820	400	Lime, Dolomite and Chert. Top Simpson 8820 (-5545)
8,820	9,095	275	Lime, Sand, Black & Green Shale. Top McKee 9095 (-5820).
9,095	9,371	276	Sand with Green Shale.

Using Western Company jet charges, perforated with 10 gram charges, four $\frac{1}{4}$ " holes per foot: 9,180 to 9,220; 9,230 to 9,250; 9,260 to 9,290 and 9,305 to 9,337. Perforated open hole with 28 gram charges, four $\frac{1}{4}$ " holes per foot from 9,337 to 9,371.

SECRET

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 "sacked" 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.

HISTORY OF OIL OR GAS WELL

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