

U. S. LAND OFFICE Santa Fe, N.M.
SERIAL NUMBER Los Cruces
LEASE OR PERMIT TO PROSPECT 063441

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John M. Beard Address 1300 N. Broadway, Okla. City, Okla.
Lessor or Tract Young Federal Field Young State New Mexico
Well No. 4 Sec. 17 T. 18S R. 32E Meridian NMPM County Lea Co., N.M.
Location 660 ft. (S.) of N. Line and 330 ft. (E.) of E. Line of Sec. 17 Elevation 3770GL
(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 J. W. Hartman

Date November 8, 1957 Title Geologist

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

Commenced drilling 10 - 24, 1957 Finished drilling 11 - 1, 1957.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3796 to 3807 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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—	
8 5/8	28 lb	8 Rd.		1088'	Hallib.				
5 1/2	14 1/2 lb	8 Rd.		3848'	Hallib.		3796	3807	Oil Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1088	350 sx	Circulated	Drilled	Circulated
5 1/2	3848	100 sx	Pump plug & pressure up	with air	with water load

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
Dyna	Jet	4 shots/ft		11-6-57	3796-3807	

TOOLS USED

Rotary tools were used from 0 feet to 3850 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-8, 1957 Put to producing 11-8, 1957

The production for the first 24 hours was 150 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. D. Crismon, Driller T. J. Garre, Driller
W. I. Trembley Jr., Driller _____, Driller

FORMATION RECORD

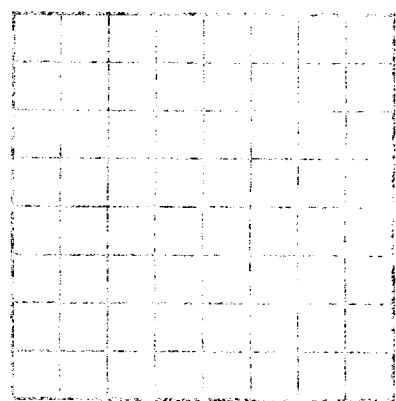
FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Top Soil & Caliche 10-24-57
25	300	275	Red Bed & Gyp. 10-25-57
300	638	338	Red Bed & Gyp.
638	815	177	Red Bed & Gyp.
815	960	145	Red Bed W/Gyp. & Anhy. Shells
960	1033	73	Red Bed & Gyp. 10-26-57
1033	1071	38	Red Bed W/Stks Anhy
1071	1088	17	Anhydrite
1088 TD			10-26-57
1088 TD			Surface Set 10-27-57
1088	1200	112	Anhy. Red Bed Stks 10-28-57
1200	1298	98	Anhy. & Stks Red Bed
1298	1620	322	Salt
1260	2030	410	Salt
2030	2410	380	Salt 10-29-57
2410	2475	65	Anhy. & Salt Stks.
2475	2546	71	Anhy. & Salt Stks.
2546	2785	239	Anhy.
2785	3015	230	Anhy. 10-30-57
3015	3220	205	Anhy. W/Lm. Stks.
3220	3350	130	Anhy. W/Lm. Stks.
3350	3465	115	Anhy. Lime 10-31-57
3465	3655	190	Anhy. W/Lm. Stks.
3655	3780	125	Anhy. & Red Sand

STATE GOV.

ПОЯВЛЕНИЕ ЭТОГО ТИПА РАБОТ

TYRUS JAGGED, 199

LEW 640 90 153 7 001



100-443887-133

[illegible]

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

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 balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE.

FROM-	TO-	TOTAL FEET	FORMATION
3780	3809	29	Core #1
3809	3810	1	Core #1
3810	3850	40	Core #1
3850 TD			7 3/4" Hole No Returns - In Limestone