

COPY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 054253-A

LEASE OR PERMIT TO PROSPECT _____

Julia Brainard

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company CONTINENTAL-YATES (Martin Yates, Jr.) Address Artesia, New Mexico

Lessor or Tract Julia Brainard Field Loco Hills State New Mexico

Well No. 3-A Sec. 11 T. 18 R. 29 Meridian N.M.P.M. County Eddy

Location 1650ft. [S.] of N Line and 330ft. [E.] of W Line of Sec. 11 Elevation 3515
(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 Martin Yates, Jr.

Date April 6th, 1940 Title Operator

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

Commenced drilling February 23rd, 1940 Finished drilling March 29th, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2644 to 2656 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—	
7"	100 lbs.	4 1/2	2526'	100 sacks of cement					5 tons mud
8 1/4"	140 lbs.	5	465'	50 sacks of cement					none

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	2526'	100 sacks			5 tons
8 1/4"	465'	50 sacks			none

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
Shot well from 2644' to 2656' with 60 quarts of Nitro-Glycerin on March 27th, 1940. Work done by New Mexico Glycerin Company.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 00 feet to 2658 feet, and from _____ feet to _____ feet

DATES

Put to producing April 1st, 1940

The production for the first 24 hours was 50 Bbls. per hr. barrels of fluid of which 100 % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

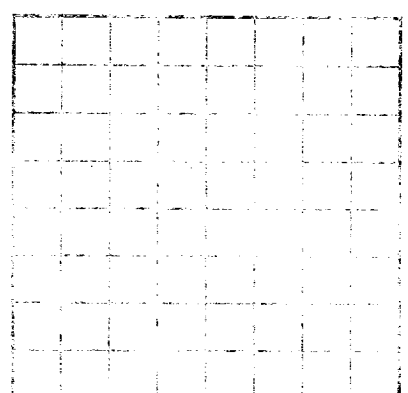
A. E. Maxwell, Driller J. B. Bryant, Driller

C. V. Miller, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40		Red sand
40	135		Red sand and gravel
135	225		Red sand
225	300		Gyp
300	385		Gyp and red sand
385	450		Red mud
450	465		Salt
465	555		Salt & potash
555	710		salt
710	735		Salt and potash
735	755		Salt and redrock breaks
755	790		Anhyd.
790	942		Salt
942	955		Anhyd.
955	1000		Anhyd. broken
1000	1180		Anhyd.
1180	1200		Red sand
1200	1230		Anhyd. broken
1230	1765		Anhyd.
1765	1855		Anhyd. and lime
1855	1890		Anhyd.
1890	1920		Anhyd. and lime
1920	1995		Anhyd.
1995	2020		Anhyd. and lime
2020	2160		Anhyd.

FOLD MARK



LOG OF OIL OR GAS WELL

Company Name: _____
 Address: _____
 Field: _____ State: _____
 Well No.: _____ Section: _____ Township: _____
 Elevation of _____ of _____ and _____ of _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Signed _____
 Title _____

The summary on this page is for the condition of the well as above data.
 Completed drilling _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
 No. 2 from _____ to _____
 No. 3 from _____ to _____

IMPORTANT WATER ZONES

No. 1 from _____ to _____
 No. 2 from _____ to _____

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 checked or left in the well, give its size and location. If the well has been dynamited, give date, 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 falling.

HISTORY OF OIL OR GAS WELL

Date	Depth (feet)	Description	SHOOTING RECORD			Remarks
			Quantity	Depth (feet)	Depth cleared (feet)	
2160	2190	Red sand				
2190	2225	Anhyd. and red sand				
2225	2315	Lime and anhyd.				
2315	2330	Lime				
2330	2400	Anhyd.				
2400	2430	Anhyd. and lime				
2430	2502	Anhyd.				
2502	2523	Lime				
2523	2529	Gray lime				
2529	2535	Red shale				
2535	2585	Gray lime				
2585	2605	Brown lime				
2605	2620	Gray lime				
2620	2630	Sandy lime				
2630	2635	Hard white sand				
2635	2645	Gray sand (light show of oil)				
2645	2650	Brown sand				
2650	2658	Sand, soft brown				
2658		TOTAL DEPTH				