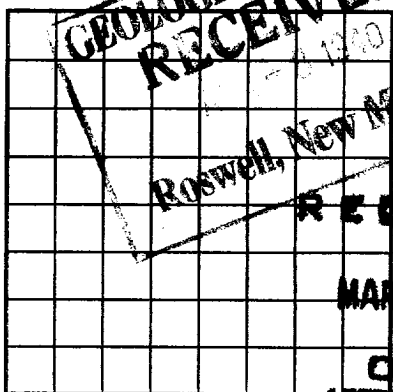


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054253-A
LEASE OR PERMIT TO PROSPECT _____
Julia Brainard

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



U. S. G. LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company (Martin Yates, Jr.) Address Artesia, New MexicoLessor or Tract _____ Field Loco Hills State New MexicoWell No. 3-A Sec. 11 T. 18 R. 29 Meridian NMPH County EddyLocation 1650 ft. N. of N Line and 330 ft. E. of W Line of Sec. 11 Elevation 3515 feet
(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, 19 40 Finished drilling March 29th, 19 40

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" O. D. Casing				2526 Ft.	100 Sacks of Cement.	5 tons of Mud			
8 1/4" Casing				465 Ft.	50 Sacks of Cement.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7" O. D.	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 0 feet to 2658 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing April 1st, 19 40The 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, DrillerC. 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 and Potash
555	710		Salt
710	735		Salt and Potash
735	755		Salt and Red Rock Breaks
755	790		Anhydrite
790	942		Salt
942	955		Anhydrite
955	1000		Anhydrite broken
1000	1180		Anhydrite
1180	1200		Red Sand
1200	1230		Anhydrite broken
1230	1765		Anhydrite
1765	1855		Anhydrite and Lime
1855	1890		Anhydrite
1890	1920		Anhydrite and Lime
1920	1995		Anhydrite
1995	2020		Anhydrite and Lime
2020	2160		Anhydrite

