Form 9-330

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

RECEIVED
MAR 10 1977
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company CONTINENTAL-YATES (Martin Yates, Jr.) Address Artesia, New Mexico
Lessor or Tract Field Loco Hills State New Mexico
Well No. 2-A Sec. 11 T. 18 R. 29 Meridian NMPM County Eddy
Location 990 ft. {N.} of N Line and 990 ft. {E.} of W Line of Sec. 11 Elevation 3500 (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 [illegible]

Date Feb. 21st, 1940 Title Secretary

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

Commenced drilling November 28th, 1940 Finished drilling January 4th, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2626 to 2641 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 From—	Perforated To—	Purpose
8¼" Casing				452 Ft.	50 Sacks Cement				
7" O. D. Casing				2528 Ft.	100 Sacks Cement, 5 Tons Mud				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8¼" Casing	452 Ft	50 Sacks			
7" O. D. Casing	2528 Ft	100 Sacks			5 Tons Mud

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 2626' to 2641' with 70 quarts of Nitro-Glycerin, work done December 30, 1939 by the 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 2641 feet, and from feet to feet

DATES

, 19 Put to producing January 1st, 1940

The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 38°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

W. H. Gray, Driller W. F. Keith, Driller
G. H. Harris, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	6		Surface Sand
6	150		Red Sand
150	160		Gravel
160	190		Red Sand
190	295		Anhydrite
295	305		Red Rock
305	315		Anhydrite and Red Rock
315	340		Red Shale
340	365		Anhydrite and Potash
365	375		Anhydrite and Red Rock, Broken
375	405		Red Beds
405	423		Salt, Red Beds
423	440		Anhydrite
440	450		Salt and Anhydrite
450	765		Salt and Potash
765	780		Anhydrite
780	800		Salt and Potash
800	820		Salt
820	840		Salt and Anhydrite breaks
840	910		Salt
910	925		Salt and Potash
925	975		Anhydrite
975	982		Red Bed and Anhydrite breaks
982	1120		Anhydrite
1120	1190		Red Rock and Anhydrite broken
1190	1200		Anhydrite

(OVER)

FOLD

MARK

FROM—	TO—	TOTAL FEET	FORMATION
1200	1235		Anhydrite and Red Rock broken
1235	1358		Anhydrite, Red Rock broken
1358	1370		Anhydrite
1370	1495		Anhydrite and Red Rock broken
1495	1570		Anhydrite
1570	1590		Lime
1590	1775		Anhydrite
1775	1785		Brown Lime (Gas at 1775')
1785	1908		Anhydrite
1908	1970		Red Rock and Anhydrite Broken
1970	2025		Anhydrite
2025	2090		Anhydrite and Red Rock b roken
2090	2160		Anhydrite
2160	2190		Red Sand
2190	2200		Anhydrite
2200	2205		Lime
2205	2225		Lime and Anhydrite
2225	2230		Anhydrite
2230	2245		Anhydrite and Red Rock Breaks
2245	2290		Anhydrite
2290	2315		Lime
2315	2330		Anhydrite
2330	2355		Anhydrite and Red Rock broken
2355	2385		Anhydrite
2385	2455		Red Rock and Anhydrite breaks
2455	2465		Anhydrite
2465	2485		Lime
2485	2510		Brown Lime
2510	2620		Gray Lime
2620	2626		Lime
2626	2630		Sand Oil
2630	2637		Oil Sand
2637	2641		Sand
2641			TOTAL DEPTH.

U. S. GOVERNMENT PRINTING OFFICE 3—6745

HISTORY OF OIL OR GAS WELL

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 bailing.

RECEIVED
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O. C. C.
ROC OF OIL OR GAS ACT