Form 9-330

GEOLOGICAL SURVEY
RECEIVED
JAN 27 1944
Artesia, New Mexico

U. S. Land Office Las Cruces
Serial Number 029431
Lease or Permit to Prospect

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 Brewer Drilling Company Address Box 566, Artesia, New Mexico.

Lessor or Tract George Etz Field Square Lake State New Mexico

Well No. 1 Sec. 30 T. 16 R. 31 Meridian NMPM County Eddy

Location 810 ft. {N. / S.} of N Line and 505 ft. {E. / W.} of W Line of 30-16-31 Elevation (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 [signature]

Date January 20, 1944 Title Partner

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

Commenced drilling November 20 1943 Finished drilling January 12, 1944

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2675 to 2685 No. 4, from to

No. 2, from 3024 to 3035 No. 5, from to

No. 3, from 3066 to 3090 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 2390 to 2405 No. 3, from to

No. 2, from 2385 to 2395 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
8⅝	[illegible]	[illegible]		520	Regular				1st String
6⅝	20-15	10thrd		2910	Texas-Pat				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8⅝"	520	50 sks.	Halliburton		Circulated with Aquagel
6⅝"	2910	100 sks.	"		" "

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
120 qts	3½"	Nitro Glycerin	120 qts	1-10	3030-3090	3090

TOOLS USED

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

Cable tools were used from 0 feet to 3090 feet, and from feet to feet

DATES

, 19 Put to producing January 16, 1944

The production for the first 24 hours was 72 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

[illegible], Driller George Harris, Driller

Charles Ellis, Driller E. I. Glover, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Red Sand
50	60	10	Red Bed
60	110	50	Red Shale
110	125	15	Sandy Lime
125	185	60	Sand
185	225	40	Sandy Red Bed
2225	290	65	Red Sand
290	295	5	Red Bed
295	425	130	Anhydrite
425	440	15	Anhydrite & Red Rock
440	595	155	Salt & Red Rock
595	605	10	Anhydrite
605	645	40	Salt
645	660	15	Anhydrite
660	665	5	Salt & Red Rock
665	675	10	Salt
675	725	50	Salt & Anhydrite
725	1205	480	Salt & Potash Show gas at 770.
1205	1250	45	Salt & Anhydrite shells
1250	1355	105	Salt, Potash & Gyp.
1355	1410	55	Anhydrite & salt break
1410	1615	205	Anhydrite & Red Rock
1615	1645	30	Anhydrite & Red Shale
1645	1750	105	Anhydrite & Red Rock
1750	2040	290	Anhydrite

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2040	2067	27	Lime. Show of gas at 2040.
2067	2130	33	Anhydrite
2130	2135	5	Red Bed
2135	2160	25	Anhydrite & Shale breaks
2160	2190	30	Anhydrite & Red Bed
2190	2385	195	Anhydrite, broken
2385	2395	10	Red Sand
2395	2428	33	Red Sand
2428	2645	217	Anhydrite
2645	2670	25	Anhydrite & Red Bed breaks
2670	2675	5	Anhydrite
2675	2685	10	White sand. Show of gas
2685	2715	30	Anhydrite
2715	2790	75	Anhydrite & Brown Shale
2790	2805	15	Sandy Lime
2805	2840	35	Lime
2840	2855	15	Brown shale & Anhydrite
2855	2880	25	Anhydrite & Red Rock [illegible] Lime at 115
2880	2900	20	Anhydrite & Red Bed
2900	3010	110	Lime
3010	3015	5	Brown Shale
3015	3075	60	Lime
3075	3086	11	Sand
3086	3090	4	Lime

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.

CASING RECORD

IMPORTANT WATER SANDS

OIL OR GAS SANDS OR ZONES

FORMATION RECORD

EMPLOYEES

DATES

TOOLS USED

SHOOTING RECORD

PLUGS AND ADAPTERS

MUDDING AND CEMENTING RECORD

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