

Form 9-330

U. S. LAND OFFICE **Artesia, N. M.**
 SERIAL NUMBER **15-028945**
 LEASE OR PERMIT TO PROSPECT **CO. 77216**

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Humble Oil & Refining Company** Address **Box 1600, Midland, Texas**
 Lessor or Tract **Federal Virginia F. Carpenter** Field **Square Lake W/O** State **New Mexico**
 Well No. **1** Sec. **20** T. **16-S** R. **30-E** Meridian _____ County **ddy**
 Location **1900** ft. **N.** of **N.** Line and **1900** ft. **E.** of **W.** Line of **SW 1/4 of Sec. 20** Elevation **3775**
 (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 _____ Title **Asst. div. supt.**
 Date **June 30, 1944**

The summary on this page is for the condition of the well at above date.
 Commenced drilling **April 18**, 19**44** Finished drilling **June 30**, 19**44**

OIL OR GAS SANDS OR ZONES
 (Denote gas by G)

No. 1, from **None** to _____ 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—	
19 3/4"	40.5	8	2201.24'	400.9'	2201.24'	2201.24'			
10-3/4"	20.4	8	2201.24'	2201.24'	2201.24'	2201.24'			
7 1/2"	20.4	8	2201.24'	2201.24'	2201.24'	2201.24'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	605'	75 sacks inner	Ballburton	clear water	
7"	2205'	100 sacks inner			

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
		None				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from **0** feet to **3518** feet, and from _____ feet to _____ feet

DATES

Put to producing **dry hole**, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____ % 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

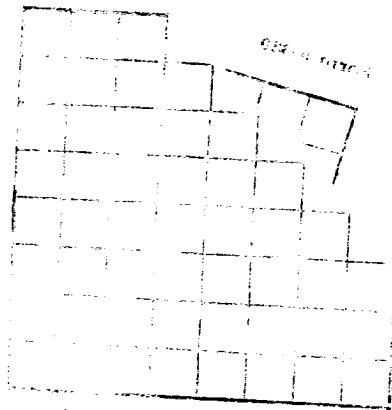
_____, Driller
M. H. Hollis, Driller
C. B. Myers, Tool Dresser
J. J. Watson, Driller
L. P. Davis, Tool Dresser

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	355	355	Red beds
355	365	10	Anhydrite
365	370	5	Red beds
370	490	120	Anhydrite
490	496	6	Gray sand
496	602	106	Red beds
602	622	20	Anhydrite
622	855	233	Salt
855	915	60	Potash and salt
915	930	15	Anhydrite and Potash
930	1040	110	Salt
1040	1065	25	Potash and salt
1065	1245	180	Anhydrite
1245	1250	5	Red rock
1250	1306	56	Anhydrite
1306	13075	15	Red sand
13075	13095	20	Anhydrite
13095	13100	5	Gray line
13100	13115	15	Anhydrite
13115	13120	5	Black shale
13120	13175	355	Anhydrite

(OVER)

FORMATION RECORD—CONTINUED



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LOG OF OIL OR GAS WELL

Company Name _____
Location _____
Well No. _____
Date _____
Driller _____
Casing _____
Pump _____
Valve _____
Flow _____
Pressure _____
Temperature _____
Remarks _____

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 "struck" 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.

HISTORY OF OIL OR GAS WELL

FROM—	TO—	TOTAL FEET	FORMATION
2475	2490	15	Lime
2490	2500	10	Amalgam
2500	2525	25	Gray lime
2525	2565	40	Amalgam
2565	2600	35	Lime
2600	2695	95	Amalgam
2695	2715	20	Red sand and amalgam
2715	2760	45	Amalgam and potash
2760	2820	60	Lime
2820	2855	35	Amalgam and red sand
2855	2945	90	Lime
2945	2945	0	Broken lime, slight show oil
2945	3295	350	Lime
3295	3315	20	Sandy lime
3315	3330	15	Lime
3330	3340	10	Slight show of gas
3340	3350	10	Slight show of gas