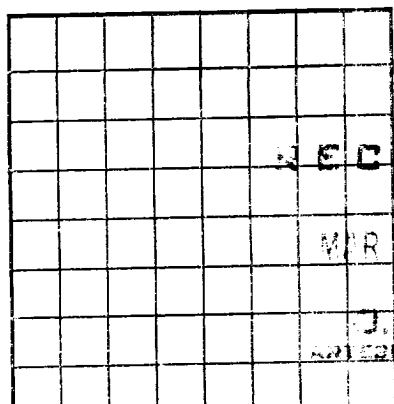


U. S. LAND OFFICE Artesia, N. M.
SERIAL NUMBER LC-028940
LEASE OR PERMIT TO PROSPECT _____
Co. #72016UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 et al. Field Square Lake W/C State New Mexico
Well No. 1 Sec. 20 T. 16-S R. 30-E Meridian County Eddy
Location 1980 ft. N of N Line and 1980 ft. E of East Line of SW 1/4 of NE 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—	
15 lbs.									
10-3/4"	40.5#	10	2nd Cl.	600.9'	Tex. Pattern				
7 1/2"	20#	8	SS. Nat.	2201.24'	Tex. Pattern				

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 Incor	Halliburton	Clear water	
7"	2206'	100 sacks Incor	"	"	

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

_____, 19____ 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

M. H. Hollis _____, Driller J. J. Watson _____, Driller
G. B. Myers _____, Tool Dresser 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	2060	810	Anhydrite
2060	2075	15	Red sand
2075	2095	20	Anhydrite
2095	2100	5	Gray lime
2100	2115	15	Anhydrite
2115	2120	5	Blue shale
2120	2475	355	Anhydrite

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 6-6745

FROM-	TO-	TOTAL FEET	FORMATION
2475	2490	15	Lime
2500	2500	10	Anhydrite
2525	2525	25	Gray lime
2565	2565	40	Anhydrite
2680	2680	115	Lime
2695	2695	15	Anhydrite
2715	2715	20	Red sand and anhydrite
2760	2760	45	Anhydrite and potash
2820	2820	60	Lime
2855	2855	35	Anhydrite and red sand
2940	2940	85	Lime
2945	2945	5	Broken lime. Slight show oil
3297	3297	352	Lime
3315	3315	18	Sandy lime
3518	3518	203	Lime To D.
3305	3310		Slight show of gas
3330	3340		Slight show of gas