

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. **14-S** R. **30-E** Meridian **N44** County **N44**
Location **1900** ft. **N** of **W** Line and **1900** ft. **E** of **W** Line of **SW 1/4 of Sec. 4** 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

Date **June 30, 1944**Title **Asst. Div. Supt.**

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—	
10-3/4"	40.54	10	2nd Cl.	600.9'	Reg. Pattern				
7 1/2"	22.4	8	2nd Cl.	2201.24'	Reg. 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 Inocer	Halliburton	Clear water	
7"	2204'	100 sacks Inocer	"	"	

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 **3510** 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. Hellis, Driller **J. J. Watson**, Driller
C. E. Myers, Driller **L. P. Davis**, Driller
Tool Dresser **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

(OVER)

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2475	2490	15	Lime
2490	2500	10	Anhydrite
2500	2525	25	Gray lime
2525	2545	40	Anhydrite
2545	2600	115	Lime
2600	2695	15	Anhydrite
2695	2715	20	Red sand and anhydrite
2715	2760	45	Anhydrite and potash
2760	2820	60	Lime
2820	2855	35	Anhydrite and red sand
2855	2940	85	Lime
2940	2945	5	Broken lime. Slight show oil
2945	3297	352	Lime
3297	3315	18	Sandy lime
3315	3518	203	Lime T. D.

3305' to 3310' slight show of gas

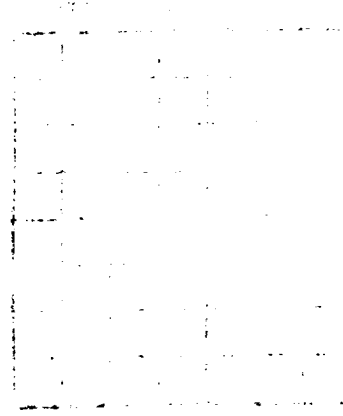
3330' to 3340' slight show of gas

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HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 6-6745

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.



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