

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil Refining Company Address McComery, Texas
Lessor or Tract Federal Avers "B" Field Hobbs State Okla
Well No. 1-2 Sec. 20 T. 18-N R. 7-E Meridian SW of 1st of County LeFlore
Location 330 ft. N. of E. Line and 330 ft. E. of 1/4 Line of SE 1/4 Sec-20 Elevation 132
(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 J. A. Powers

Date December 11, 1931 Title Division Unit

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

Commenced drilling Nov. 12, 1931 Finished drilling Dec. 14, 1931

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4156 to 4247 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 None 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 1/2	70	8	Natl.	225	Box lat.				
10 3/4	40	8	"	2790	"				
7	28	10	"	4030	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
15 1/2	225	225	Pumped		
10 3/4	2810	700	"		
7	4050	300	"		

PLUGS AND ADAPTERS

Heaving plug - Material Length Depth set
Adapters - Material Size

SHOOTING RECORD

Size	Shot used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

Rotary tools were used from Surface feet to 4247 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing December 14, 1931

The production for the first 24 hours was 8208 barrels of fluid of which 96 % was oil; 4 % emulsion; % water; and X % sediment. Gravity, Bé. X

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

Rock pressure, lbs. per sq. in. X

EMPLOYEES

A. D. Smith Driller Driller
L. B. Cleveland Driller Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	230	230	Surface 1st
230	1310	1080	Red bed
1310	1370	60	Shells & shells, slightly
1370	1415	45	Anhydrite
1415	1470	55	Red bed & sand
1470	1520	50	Anhydrite
1520	1570	50	Red bed & anhydrite
1570	1595	25	Red bed & shells
1595	1630	35	Red bed
1630	1680	50	Anhydrite
1680	1750	70	Red bed & anhydrite
1750	1785	35	Anhydrite
1785	1820	35	Red bed & anhydrite
1820	2510	690	Potash & salt
2510	2610	110	Potash & anhydrite
2610	2610	190	Anhydrite
2610	2860	50	Anhydrite & red bed
2860	2925	65	Anhydrite
2925	2990	70	Lime and anhydrite
2990	3070	80	Anhydrite
3070	3525	60	Anhydrite & lime
3525	3700	120	Anhydrite
3700	3750	45	Lime & anhydrite
3750	3955	205	Anhydrite

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
3985	4010	25	Lime
4010	4050	40	Anhydrite & Lime
4050	4060	10	Anhydrite
4060	4247 T.D.	187	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.