

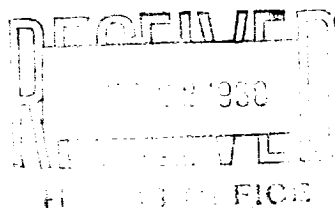
DUPLICATE

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Humble Oil & Refining Company

Houston, Texas

Company or Operator

Address

J. L. Greenwood

Well No. 4

in 38-1/4

of Sec. 9

T. 22 South

Lease

R. 37 East N. M. P. M. Penrose Field, Lea County.

Well is 4620 feet south of the North line and 3300 feet west of the East line of Section 9

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is J. L. Greenwood Address Eunice, New Mexico

If Government land the permittee is Address

The Lessee is Humble Oil & Refining Co. Address Houston, Texas

Drilling commenced 11/22, 1938 Drilling was completed 12/10, 1938

Name of drilling contractor Company Rig #38 Address Houston, Texas

Elevation above sea level at top of casing 3404 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3617 to 3705 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
9-5/8" OD	36 1/2	8	SS	407' 9"	Shop Made			
7" OD	24 1/2	8	SS	3587' 4"	Halliburton Set Shoe & Float Collar			
					Halliburton Two-Stage Cementing Tool			
2" EUSE	4.70 1/2	8	SS	3671' 4"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/8"	9-5/8"	421' 7"	125	Halliburton	10.7 1/2	30 tons used in
8-3/4"	7"	3400' 4"	170	below Tool	10.5 1/2	well
			230	above Tool		
2" EUSE	4.70 1/2	3493' 4"				

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Halliburton	1500	12/12/38	3617-3705	
		Acid	Cals.			

Failed to flow before treatment:

Results of shooting or chemical treatment: After treatment, well flowed 288 bbls. oil per day thru 1" choke with 262,000 cu. ft. gas.

RECORD OF DRILL-STEM AND SPECIAL TESTS

SEE ATTACHMENT:

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3705 feet, and from feet to feet

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

PRODUCTION

Put to producing December 16th, 1938

The production of the first 24 hours was 288 barrels of fluid of which 99.2 % was oil; %

emulsion; % water; and 6/10 % sediment. Gravity, Be 38.3 at 80°

If gas well, cu. ft. per 24 hours 232,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

E. Boyd Driller P. L. Stephens Driller

R. F. Huber Driller G. H. Oberg Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 17th

Midland, Texas 12/17/38

Place

Date

day of December 1938

Name L. H. FINE

Position Division Superintendent

Representing Humble Oil & Refining Company

Company or Operator

My Commission expires 6/1/39

Address Box 1600 - Midland, Texas.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	58	58	Caliche
58	140	82	Sand
140	217	77	Hard sand
217	690	473	Red beds
690	751	61	Hard sand
751	782	31	Red beds and shells
782	940	58	Red beds and streaks hard sand
940	1018	78	Hard sand and streaks red beds
1018	1138	120	Red beds
1138	1243	105	Anhydrite
1243	1335	92	Broken anhydrite and salt
1335	1450	115	Salt and streaks anhydrite
1450	1600	150	Anhydrite and streaks salt
1600	1686	86	Salt and streaks anhydrite
1686	1823	127	Salt
1823	1841	18	Anhydrite
1841	2297	456	Salt and streaks anhydrite
2297	2377	80	Anhydrite and streaks salt
2377	2953	576	Anhydrite
2953	3008	55	Anhydrite and brown lime
3008	3053	45	Lime and anhydrite
3053	3107	54	Anhydrite and lime
3107	3705	598	Lime - T.D.

GENERAL REMARKS

Drilled by: Company Rig #138
 Hobbs District Request #468 - Job Order NM-447
 Pay Formation: Lime 3617-3705
 Elevation top of derrick floor 3416'
 Elevation top of oil string bradenhead 3404'
 Distance from top of derrick floor to top of rotaryl'
 Distance from top of derrick floor to top of Oil String Bradenhead 12'

CASING SET AND CEMENTED

9-5/8" OD set 18 jts. 407' 9" at 421' 7" and cemented with 125 sacks Trinity.

7" OD set 92 jts. 3587' 4" at 3600' 4" and cemented with 170 sacks OK below Two-State Tool and 230 sacks above Two-Stage Tool.

DRILL TOOLS, PIPE OR OTHER MATERIAL LOST IN HOLE: NONE.

D R I L L I N G D A T A

Commenced building rig: 11/8/38
 Commenced rigging up: 11/19/38
 Commenced drilling: 11/21/38
 Completed drilling: 12/10/38
 Completed work: 12/15/38

SET SHOES AND FLOAT COLLARS USED

With 9-5/8" OD Casing	1 - Shop Made Set Shoe
With 7" OD Casing	1 - Halliburton Set Shoe
	1 - Halliburton Float Collar
	1 - Halliburton Two-Stage Cementing Tool

Orig. & 2 CC: State of New Mexico Oil Conservation Commission
 2 CC: Mr. J. W. House
 1 CC: Mr. S. W. Oberg
 1 CC: Mr. J. I. Riddle
 Orig. & 2 CC: Mr. R. E. Sinclair
 1 CC: District File