



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

Humble Oil & Refining Company
(Company or Operator)N. G. Penrose
(Lease)Well No. 2 in SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 13, T. 22S, R. 37E, NMPM.~~Beinkamp~~ Sub Pool, Lea County.Well is 1980 feet from North line and 660 feet from East lineof Section 13. If State Land the Oil and Gas Lease No. is -Drilling Commenced 6-18-53, 1953 Drilling was Completed 8-15-53, 1953Name of Drilling Contractor Henry Black & SonsAddress Midland, TexasElevation above sea level at Top of Tubing Head 3329 Gr. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from - to - 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.50	New	374.86	Baker			
7-5/8	26.4	New	3089.10	Hall.			
5-1/2	15.5 & 17	New	7088.00	Hall.		7020-7040; 6924-6950; 6868-6905; 6794-6850; 6750-6774; 6470-6440; 6390-6320; 6094-6135	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	10-3/4	389.76	400	BJ Service	water	
9-7/8	7-5/8	3103.10	1562	BJ Service	11.1	
6-3/4	5-1/2	7100.00	340	BJ Service	9.6	

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

7-27-53 Perforated 7020-7040; 6924-6950; 6868-6905; 6794-6850; 6750-6774 with 4 Perf. Guns Atlas jet shots per foot, 552 shots.

7-30-53 Treated 6868-6905; 6924-6950 & 7020-7040 with 1000 gallons Western 15% L. T. acid

7-31-53 Treated 6868-6905; 6924-6950 & 7020-7040 with 4000 gallons Western 15% acid.

8-3-53 Treated 6750-6774 with 1000 gallons Western 15% L. T. acid.

8-4-53 Treated 6750-6774 & 6794-6850 with 3000 gallons Western 15% L. T. acid.

8-7-53 Treated 6750-6774 & 6794-6850 with 10,000 gallons Western 15% L. T. acid

8-9-53 Perforated 6470-6440 & 6390-6320 with 4 Perf. Guns Atlas shots/ft. 400 shots.

8-10-53 Treated 6320-6390 & 6440-6470 with 1000 gallons Western 15% L. T.

8-11-53 Treated 6320-6390 & 6440-6470 with 3000 gallons Western 15% L. T.

8-12-53 Perforated 6094-6135 with 4 jet shots per foot, total of 164 shots.

8-14-53 Treated 6094-6135 with 1000 gallons Western 15% L. T. Acid Cleaned Out.

Max. hole deviation: 2" at 7010' by photo.

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

See Attachment for drill stem test.

TOOLS USED

Rotary tools were used from 0 feet to 7100 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 8-15, 19 53

Distillate

The production during the first 24 hours was 69.84 barrels of liquid of which 100% was distillate
was 0% was emulsion; 0% water; and 0% was sediment. A.P.I.
Gravity 62.8

GAS WELL: The production during the first 24 hours was 5,000 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. 1175	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash.	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta 5085	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs 5995	T.	
T. Abo. Wichita 6565	T.	
T. Penn.	T.	
T. Miss.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	70	70	Caliche				
70	1100	1030	Red bed				
1100	1166	66	Red bed and anhydrite				
1166	1448	282	Anhydrite				
1448	1670	222	Red bed & anhydrite				
1670	2433	763	Anhydrite & Salt				
2433	2845	412	Anhydrite				
2845	2940	95	Dolomite				
2940	3004	64	Anhydrite				
3004	3043	39	Anhydrite, dolomite				
3043	3106	63	Dolomite & lime				
3106	3545	439	Lime				
3545	3625	80	Lime & GYP				
3625	7100	3475	Lime				
	T.D.						

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

August 18, 1953

(Date)

Company or Operator. Humble Oil & Refining Co.

Address. Box 2347, Hobbs, N. M.

Name. mcb/mcb

H. M. Rogers

Position or Title. District Superintendent