



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 QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil & Refining Co.

New Mexico State "AM"

(Company or Operator)

(Lease)

Well No. 1, in SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 36, T. 15-S, R. 34-E, NMPM.Undesignated Pool, Lea County.Well is 1900 feet from West line and 660 feet from South line of Section 36. If State Land the Oil and Gas Lease No. isDrilling Commenced 7-11-55, 19. Drilling was Completed 11-16-55, 19.Name of Drilling Contractor Durham Drilling Co.Address Midland, TexasElevation above sea level at Top of Tubing Head 4046 DF. The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 10,820 to 10,860 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
13-3/8	48	New	405.12	Baker-Tax.	Pattern		Surface
9-5/8	36	New	4594.00	Baker			Intermediate
5-1/2	20 & 17	New	11692.00	Baker			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	423	423	BJ Service	9.5	
12-1/4	9-5/8	4620	3700	BJ Service	10.9	
7-7/8	5-1/2	11704	1650	BJ Service	9.2	2-Stage

RECORD OF PRODUCTION AND STIMULATION

DATE	DEPTH FROM TO	SHOTS GALS.	MIN. PRESS.	GUN OD	REMARKS
11-21-55	11400-11535	540		1-5/8"	Western 4 shots/foot
	11543-11575	40		1-5/8"	Western
11-22-55	Bitto Bitto	1000	15% L. T. Acid	3700	4300 Western
11-23-55	Bitto Bitto	5000	15% L. T. Acid	0	1950 Western
11-27-55	11023 11045	120		1-5/8"	Western 4 shots/foot
12-3-55	11023 11045	2000	L. T. Acid	-	Western non-emulsifying
12-8-55	10820 10860	160		1-5/8"	Welox 4 Spring shots/ft.
12-9-55	10820 10860	500	L. T. Acid	3700	4700 Western non-emulsifying

Result of Production Stimulation

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

Maximum Deviation 2-1/2° at 8535 by Totco, TOOLS USED

Rotary tools were used from 0 feet to 13,432 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 12-10, 19 55

OIL WELL: The production during the first 24 hours was 454 barrels of liquid of which 100 was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 44.0

GAS WELL: The production during the first 24 hours was 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. Rustler Anhy. 1760	T. Devonian Woodford 13076	T. Ojo Alamo			
T. Salt	T. Silurian Devonian 13196	T. Kirtland-Fruitland			
T. Salt	T. Montoya	T. Farmington			
T. Yates 4935	T. Simpson	T. Pictured Cliffs			
T. 7 Rivers	T. McKee	T. Menefee			
T. Queen	T. Ellenburger	T. Point Lookout			
T. Grubb	T. Gr. Wash	T. Mancos			
T. San Andres 4490	T. Granite	T. Dakota			
T. Glorieta 6095	T.	T. Morrison			
T. Clearfork 6420	T.	T. Penn.			
T. Tulbs 7270	T.	T.			
T. Abc 7910	T.	T.			
T. Wolfcamp 9510	T.	T.			
T. Perm. 10797	T.	T.			
T. Miss. 12280	T.	T.			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1800	1800	Red beds, shale and anhy.				
1800	2710	910	Anhy. and shale and salt				
2710	4569	1859	Anhy., salt and gyp				
4569	9752	5183	Lime				
9752	10389	637	Lime, chert and shale				
10389	10431	42	Lime and chert				
10431	10480	49	Lime and shale				
10480	10864	384	Lime, chert and shale				
10864	12480	1616	Lime and shale				
12480	12513	33	Lime and chert				
12513	12647	134	Lime				
12647	12825	178	Lime and shale				
12825	13220	395	Lime, shale and chert				
13210	13432	222	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.

December 20, 1955
Company or Operator Humble Oil & Refining Co. Address Box 2347, Hobbs, N. M.
Name M. M. Rogers Position or Title Agent
M. M. Rogers