

X									

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DISTRICT OFFICE 000

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.

Humble Oil & Refining Company
(Company or Operator)Hulda A. Townsend a/c 1
(Lease)Well No. 5, in NW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 9, T. 16S, R. 35E, NMPM.

Townsend Wolfcamp

Pool,

Lea

County.

Well is 660 feet from North line and 660 feet from West lineof Section 9. If State Land the Oil and Gas Lease No. is _____Drilling Commenced 3-5-54, 19____. Drilling was Completed 4-27-54, 19____.Name of Drilling Contractor Humble Oil & Refining Company Rig 42Address Box 2347, Hobbs, N. M.Elevation above sea level at Top of Tubing Head 4024 Gr.. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from <u>10386</u> to <u>10404</u>	No. 4, from _____ to _____
No. 2, from <u>10426</u> to <u>10432</u>	No. 5, from _____ to _____
No. 3, from <u>10442</u> to <u>10448</u>	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 <u>None</u> 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	32.75	New	408.90	Baker			
7-5/8	26.40	New	4560.50	Halliburton			
5-1/2	15.5 & 17	New	10560.50	Halliburton		10386-10404, 10426-10432 & 10442-10448	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4	10-3/4	426.10	325	Halliburton	Water	
9-7/8	7-5/8	4576.00	2000	Halliburton	Water	
6-3/4	5-1/2	10575.00	330	Halliburton	9	

RECORD OF PRODUCTION AND STIMULATION

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

4-27-54 - Perforated 10386-10404, 10426-10432, 10442-10448 with 4 Schlumberger jet shots per foot, 120 shots.4-27-54 - Acidized perforations with 500 gallons 15 percent LF Chemical Process acid.

Result of Production Stimulation _____

Depth Cleaned Out _____

No drill stem test. 3RD 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 Hole Deviation: 4-1/2° at 5520' by Totec.

TOOLS USED

Rotary tools were used from 0 feet to 10,575 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 4-27, 19 54

OIL WELL: The production during the first 24 hours was 398.10 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 40.5

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. San Rustler 1800	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 4586	T. Granite	T. Dakota
T. Glorieta 6182		T. Morrison
T. Drinkard 7305		T. Penn
T. Tubbs		
T. Abo 8021		
T. San Wolfcamp 9523		
T. San Top of Pay 10388		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Caliche	7507	8180	673	Lime
40	427	387	Caliche and red bed	8180	8280	100	Lime with shale
427	1249	822	Red bed	8280	8611	331	Lime
1249	2417	1168	Red bed and anhy.	8611	8664	53	Lime with shale
2417	2729	312	Red bed and red rock	8664	8865	201	Lime
2729	2996	267	Red rock and salt	8865	8926	61	Lime with shale
2996	3130	134	Red rock and gyp w/streaks salt	8926	9085	159	Lime
3130	3715	585	Anhy. and gyp	9085	9307	222	Lime with shale
3715	4075	360	Anhydrite	9307	9952	645	Lime
4075	4374	299	Anhydrite, gyp & lime	9952	10015	63	Lime with shale
4374	4576	202	Anhydrite and lime	10015	10167	152	Lime
4576	4837	261	Lime	10167	10203	36	Lime with shale
4837	5072	235	Lime and sand	10203	10312	111	Lime and chert
5072	5444	372	Lime	10312	10372	60	Shale, lime and chert
5444	5526	82	Lime and sandy lime	10372	10395	23	Lime
5526	6194	668	Lime	10395	10430	35	Lime and shale
6194	6245	51	Lime with shale	10430	10461	31	Lime
6245	6333	88	Lime	10461	10490	29	Lime and shale
6333	6368	35	Lime with shale	10490	10545	55	Lime and chert
6368	6410	42	Lime	10545	10575	30	Lime and shale
6410	6730	320	Lime with shale				
6730	7356	626	Lime				
7356	7507	151	Lime with shale				

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.

May 5, 1954

(Date)

Company or Operator. Humble Oil & Refining Co.

Address. Box 2347, Hobbs, N. M.

Name. M. M. Rogers

Position or Title. District Superintendent

mcb/mcb