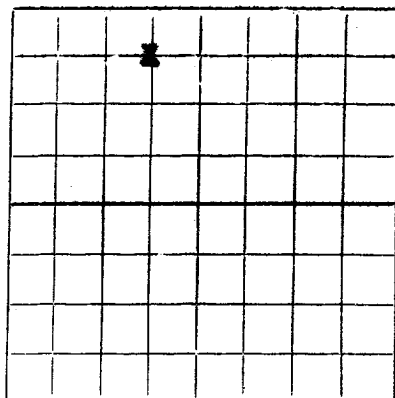


N.

(Revised 7/1/53)
(Form C-106)AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

DISTRICT OFFICE OCC
1955 AUG 24 AM 9:45Humble Oil & Refining Company
(Company or Operator)D. A. Groatett et al
(Lease)Well No. 1, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 21, T. 15-N, R. 36-E, NMPM.

Gardill-Duranton

Pool,

San

County.

Well is 660 feet from North line and 1900 feet from West lineof Section 21. If State Land the Oil and Gas Lease No. is -Drilling Commenced 2-1, 19 55. Drilling was Completed 7-26, 19 55Name of Drilling Contractor Hall & Stewart Drilling CompanyAddress Midland, TexasElevation above sea level at Top of Tubing Head 3902. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 13,592 to 13,604 No. 4, from _____ to _____
No. 2, from 13,614 to 13,648 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 None 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	287.39	Reiser	-	-	Surface
9-5/8"	36	New	4733.65	Larkin	-	-	Intermediate
5-1/2"	23.20, 217	New	13639.90	HOCo	-	13,592-13,648	Production

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"	303.56	325	Pump & plug		
12-1/4"	9-5/8"	4746.00	2400	"		
8-3/4"	5-1/2"	13690.00	1760	"		

RECORD OF PRODUCTION AND STIMULATION

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

None

Result of Production Stimulation

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS
Maximum deviation: at 12,062 feet by Eastman.
If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto
See attached record of drill stem tests.
TOOLS USED

Rotary tools were used from Surface feet to 13,690 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 6, 1955

OIL WELL: The production during the first 24 hours was 875.2 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 58°

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.	2010		T. Devonian	13,476	T. Ojo Alamo
T. Salt	2148		T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	3087		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	4626		T. Granite		T. Dakota
T. Glorieta	6147		T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs	7428		T.		
T. Abo	8043		T.		
T. Penn	10,617		T.		
T. Miss	12,596		T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2090	2090	Red beds & anhydrite	13491	13502	11	Dolomite
2090	4502	2412	Anhydrite, salt, & gyp	13502	13554	52	Dolomite
4502	4740	238	Anhydrite & lime	13554	13577	23	Dolomite & lime
4740	6387	1647	Lime	13577	13601	24	Lime & anhydrite
6387	9354	2967	Lime, shale, & sand	13601	13624	24	Anhy, dolomite, & lime
9354	10374	1020	Lime	13624	13690	66	Lime & dolomite
10374	10380	6	Lime & shale		T.B.		
10380	10422	42	Lime				
10422	10440	18	Lime & shale				
10440	10734	294	Lime, sand, & shale				
10734	11180	446	Shale & lime				
11180	11392	212	Shale				
11392	11753	361	Shale & lime				
11753	11826	73	Shale				
11826	11975	149	Shale, lime & sand				
11975	12116	141	Shale				
12116	12287	171	Shale & lime				
12287	12431	144	Lime & chert				
12431	12612	181	Lime & shale				
12612	12836	224	Lime				
12836	12867	31	Lime & chert				
12867	12916	49	Sandy lime				
12916	13407	491	Lime & shale				
13407	13443	36	Sandy shale				
13443	13491	48	Shale & lime				

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 22, 1955

(Date)

Company or Operator Humble Oil & Refining Company

Address Box 2347, Hobbs, New Mexico

Name M. M. Rogers

Position or Title Agent

Job