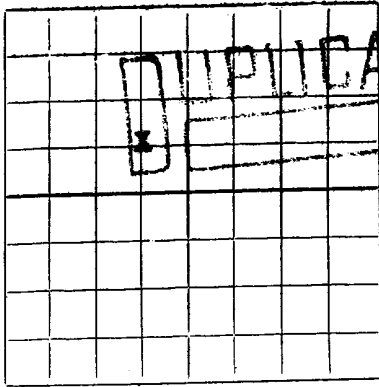


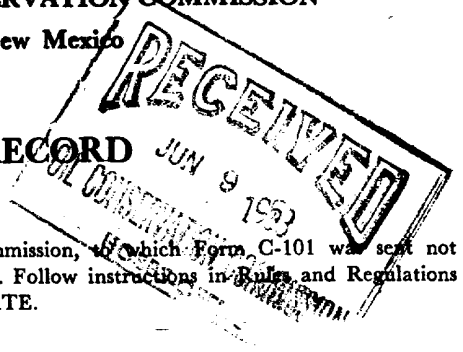
AREA 640 ACRES
LOCATE WELL CORRECTLY

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 QUINTUPPLICATE.

Humble Oil & Refining Company
(Company or Operator)Samuel E. Cain
(Lease)Well No. 1 in SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 30, T. 18-S, R. 39-E, NMPM.
E. Hobbs - San Andres Pool, Los County.Well is 1980 feet from North line and 2320 feet from West line
of Section 30. If State Land the Oil and Gas Lease No. is _____Drilling Commenced 5-6-53, 19____ Drilling was Completed 5-30-53, 19____Name of Drilling Contractor Cockle Drilling CompanyAddress Ft. Worth, TexasElevation above sea level at Top of Tubing Head 3615 DF. The information given is to be kept confidential until _____, 19____

OIL SANDS OR ZONES

No. 1, from 4462 to 4474 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 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
<u>8-5/8</u>	<u>29.75</u>	<u>Used</u>	<u>1863.15</u>	<u>Hall.</u>			
<u>5-1/2</u>	<u>24</u>	<u>New</u>	<u>4464</u>	<u>Hall.</u>		<u>4462-4474</u>	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11</u>	<u>8-5/8</u>	<u>1594-92</u>	<u>900</u>	<u>BJ Service Inc.</u>	<u>8.5</u>	
<u>7-5/8</u>	<u>5-1/2</u>	<u>4474</u>	<u>1200</u>	<u>BJ Service Inc.</u>	<u>10.4</u>	

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 5-1/2" casing from 4462 to 4474' with 40 shot s, 4 Schlumberger jet shots per foot.
Treated perforations with 1000 gallons Western 1% low tension acid. Maximum and minimum
pressures 1000 and 500f.

Result of Production Stimulation _____

Depth Cleaned Out _____

ORD OF DRILL-STEM AND SPECIAL TE

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

Max. hole deviation: 1-1/4" at 2716 by Totos.
See Attachment TOOLS USED

Rotary tools were used from 0 feet to 4475 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing: 6-3-53, 19.

OIL WELL: The production during the first 24 hours was 244.37 barrel of liquid of which 100 was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 29 GOR 332

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. 1860	T. Devonian	T. Ojo Alamo
T. Salt. 1965	T. Silurian	T. Kirtland Fruitland
B. Salt.	T. Montoya	T. Farmington
T. Yates. 3045	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Mancos
T. Queen. 3955	T. Ellenburger	T. Point Le Sueur
T. Grayburg	T. G. Wash.	T. Mancos
T. San Andres. 4455	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn.	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	287	287	Caliche, surface sand & gravel				
287	542	255	Water sand, red beds, & shales				
542	773	231	Red rock & sand				
773	1060	287	Red beds & red rock				
1060	1864	804	Red rock				
1864	1975	111	Anhydrite				
1975	2080	105	Salt				
2080	3150	1070	Salt and anhydrite				
3150	3369	219	Anhydrite, salt & gyp				
3369	3428	59	Anhydrite, gyp & lime				
3428	3715	287	Anhydrite & gyp				
3715	3812	97	Anhydrite				
3812	4153	341	Anhydrite, lime & gyp				
4153	4266	113	Anhydrite & gyp				
4266	4361	95	Anhydrite, gyp & lime				
4361	4475	114	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.

June 8, 1953

Company or Operator: Humble Oil & Refining Company Address: Box 2347, Hobbs, N. M.

Name: M. M. ROBERTS Position or Title: District Superintendent

mob/mob

HUMBLE OIL & REFINING COMPANY

SAMUEL E. CAIN NO. 1

DATE	TEST	FROM	TO	TOP	BOTTOM	CHOKE	MIN.	TOOL	FORM.	PRESS.	RECOVERY FEET				
											FLOW.	SHUT-IN	OIL	WATER	MUD
5-19-53	O. H.	3926	4010	1"	5/8"		60		105	325				380	
5-26-53	O. H.	4426	4475	1"	5/8"		115		1220	1525	29.33				