

[illegible]

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 Company
(Company or Operator)

New Mexico State S
(Lease)

Well No. 23, in SE 1/4 of SE 1/4, of Sec. 2, T. 22-S, R. 37-E, NMPM.

Blinebry Gas and Tubb Gas Pool, Lea County.

Well is.....**990**.....feet from.....**South**.....line and.....**990**.....feet from.....**East**.....line
of Section.....**2**..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....3-24....., 1955..... Drilling was Completed.....4-22....., 1955.....

Name of Drilling Contractor.....**Gackle Drilling Company**.....

Address.....Fort Worth, Texas.....

Elevation above sea level at Top of Tubing Head.....**3351'**..... The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from Gas 5428 to 5545 No. 4, from _____ to _____

No. 2, from Gas 5996 to 6185 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
10-3/4	40.5	New	331.67	Larkin	-	-	Surface
7-5/8	24	New	2580.91	Larkin	-	-	Intermediate
5-1/2	14 & 15.5	New	6188.00	Halliburton	-	5428-5545 and 5996-6185	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
13-3/4	10-3/4	347.33	300	Pump & plug	Water	
9-7/8	7-5/8	2595.00	1050	Pump & plug	10.4	
6-3/4	5-1/2	6200.00	400	Pump & plug	9.8	

RECORD OF PRODUCTION AND STIMULATION

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

LST acid - 3.000 gallons - 5996-6185 (Tubb)

LST acid - 9,000 gallons - 5996-6185 (Tubb)

Mud Acid - 500 gallons - 5428-5545 (Blinbry)

LST acid - 3,000 gallons - 5428-5545 (Blincy)

Result of Production Stimulation.....After first treatment Tubb zone flowed at rate of 313 Mcf/day; after second treatment flowed at rate of 2550 Mcf/day. After both treatments Blinbry zone flowed through casing at 6013 Mcf/day.....Depth Cleaned Out.....

CORD OF DRILL-STEM AND SPECIAL TI

See attached record of drill stem tests.

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

Maximum deviation: 1-1/2° at 5871' by Totco.
TOOLS USED

Rotary tools were used from Surface feet to 6200 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

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

Linebry: 6013

GAS WELL: The production during the first 24 hours was Tubbs: 2550 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in *

*Additional potential test data will be submitted after pipe line connection is completed.

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1110	T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt		T. Montoya	T. Farmington
T. Yates	2505	T. Simpson	T. Piedra 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	3830	T. Granite	T. Dakota
T. Glorieta	4997	T.	T. Morrison
T. Drinkard	5422	T.	T. Penn.
T. Tubbs	5989	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	70	70	Caliche & sand				
70	1080	1010	Red beds				
1080	1550	470	Anhydrite				
1550	1867	317	Anhydrite & red beds				
1867	2332	465	Salt & anhydrite				
2332	2595	263	Anhydrite				
2595	2700	105	Lime				
2700	2830	130	Lime & anhydrite				
2830	2987	157	Anhydrite				
2987	3142	155	Anhydrite & lime				
3142	3212	70	Anhydrite				
3212	3458	246	Lime				
3458	3575	117	Anhydrite & lime				
3575	4539	964	Lime				
4539	4616	77	Sand lime				
4616	4672	56	Lime & sand				
4672	4996	324	Lime				
4996	5021	25	Sand				
5021	5046	25	Sand & lime				
5046	6200	1154	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.

May 18, 1955

(Date)

Company or Operator: Humble Oil & Refining Company Address: Box 2347, Hobbs, New Mexico
Name: Position or Title: District Superintendent

jmb

DRILL STEM TEST RECORD

New Mexico State S-23

Humble Oil & Refining Company

<u>Date</u>	<u>Type</u> <u>Test</u>	<u>Formation Tested</u>		<u>Size Choke</u>		<u>Tool</u> <u>Open</u> <u>Min.</u>	<u>Formation Pressure</u>		<u>Recovery - Feet</u>		<u>Was</u> <u>Test</u> <u>Satis.</u>
		<u>From</u>	<u>To</u>	<u>Top</u>	<u>Bottom</u>		<u>Flowing</u>	<u>Shut-in</u>	<u>Mud</u>	<u>Other</u>	
4-11-55	O.H.	4969	4996	1	5/8	60	235	1950	425		Yes
4-12-55	O.H.	4989	5021	1	5/8	90	225	1630	600	*	Yes
4-13-55	O.H.	5020	5046	1	5/8	90	120	1630		**	Yes

*gas to surface in 8 minutes at rate of 25 Mcf/day estimated.

**recovered 210' oil and gas cut mud, 30' free oil, gas to surface in 5 minutes.

jmb