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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
NOV 27 1953
OIL CONSERVATION
HONORARY

Humble Oil & Refining Company
(Company or Operator)

New Mexico State A
(Lease)

Well No. 5, in SH 1/4 of SE 1/4, of Sec. 25, T. 18-S, R. 37-E, NMMP.

Notes

Pool.

143

County.

Well is 660 feet from South line and 1690 feet from East line
of Section 25. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced 10-20-53, 19..... Drilling was Completed 11-10-53, 19.....

Name of Drilling Contractor..... **Gackie Drilling Company**

Address.....**Box 677, Tulsa 1, Oklahoma**

Elevation above sea level at Top of ~~Section~~ Cr. 3656 The information given is to be kept confidential until
 19.....

No. 1, from 1095 to 1190 No. 4, from.....to.....

No. 2, from 1170 to 1210 No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	29.75432	Used	1626.17	Baker			
5-1/2	15.5	New	4208.99	Howes		4170-4210; 4095-4190	

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8-5/8	1639.67	900	Malliburton	-	
7-7/8	5-1/2	4220.00	1100	Malliburton	10.6	

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

11-16-59 Perforated 4170-4210 with 4 Schenberger bullet shots per foot, 160 shots

11-16-53 Acidized 4170-420 with 500 gallons Western mud acid

11-17-73 Acidized 4170-4210 with 4000 gallons Western 15% regular acid

11-18-53 received AL70-420 with 5000 gallons Western 1% L. T. with XRL additive

11-19-53 Perforated 4095-4150 with 4 Schlumberger bullet shots per foot, 220 shots
Result of Production Stimulation.

Result of Production Stimulation.

Depth Cleaned Out.

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

Max. hole deviation 3° at 3984 by Totop

TOOLS USED

Rotary tools were used from 0 feet to 4220 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 11-18, 19 53

OIL WELL: The production during the first 24 hours was 168 barrels of liquid of which 94.57 % was oil; _____ % was emulsion; 5.43 % water; and _____ % was sediment. A.P.I.

Gravity _____

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. Ant Rustler Anhy. 1600	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. Ant Bowers Sand 3339	T. McKee	T. Menefee
T. Queen Sand 3742	T. Ellenburger	T. Point Lookout
T. Grayburg 4086	T. Gr. Wash	T. Mancos
T. San Andres	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	446	446	Caliche and red bed				
446	1538	1092	Sed bed				
1538	1720	182	Anhydrite				
1720	2902	1182	Anhydrite and salt				
2902	3733	831	Anhydrite				
3733	3933	200	Anhydrite & lime				
3933	3983	50	Lime and gyp				
3983	4195	212	Lime				
4195	4220	25	Dolomite				

DRILL STEM TESTS

DATE	TYPE OF TEST	FORMATION TESTED FROM	TO	SIZE CHOKE	TOOL	OPEN FORMATION PRESS.	RECOVERY-FEET	RECOVERY-FEET	RECOVERY-FEET	RECOVERY-FEET
		FROM	TO	TOP	BOTTOM	MINUTES	FLOWING	S-I	OIL	WATER
11-1-53	O. N.	3302	3358	1	1	90	73	90	30	60
11-12-53	O. N.	4085	4195	1	3/4	150	300	650		9600

a - Water out with sand
b - Oil and gas out sand

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.

November 25, 1953

(Date)

Company or Operator Humble Oil & Refining Co.

Address Box 2347, Hobbs, N. M.

Name

R. M. Gillette

Position or Title District Chief Clerk