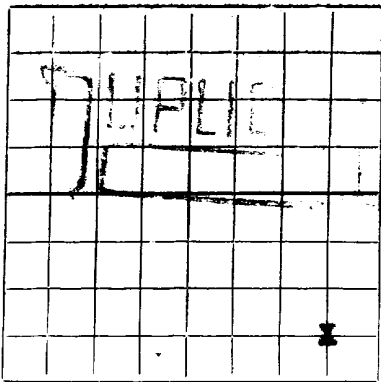


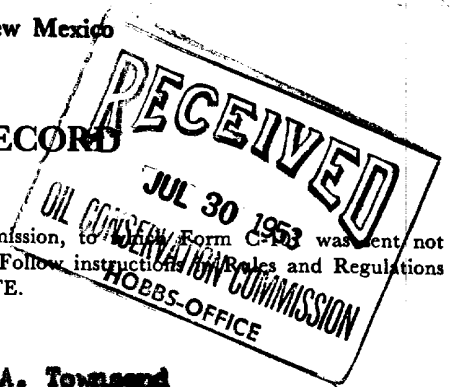
AREA 840 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to **HOBB'S OFFICE** Form C-105 was sent not later than twenty days after completion of well. Follow instructions, Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

**Humble Oil & Refining Company**
(Company or Operator)**Hulda A. Townsend**
(Lease)Well No. **2** in **SE** $\frac{1}{4}$ of **SE** $\frac{1}{4}$ of Sec. **7**, T. **16-S**, R. **35-E**, NMPM.**Undesignated** Pool, **Lea** County.Well is **660** feet from **South** line and **660** feet from **East** line of Section **7**. If State Land the Oil and Gas Lease No. is _____.Drilling Commenced **5-6-53**, 19____ Drilling was Completed **7-16-53**, 19____.Name of Drilling Contractor **Great Western Drilling Company**Address **330 V & J Tower, Midland, Texas**Elevation above sea level at Top of Tubing Head **4040 Gr.** The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from **10740** to **10745** 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
10-3/4	40.48	New	407.16	Baker-Tec.			
7-5/8	26.10	New	4648.00	Pattern			
5-1/2	15.3, 17 & 20	New	10745.65	Baker Guide & Float			
				Baker Guide & Float	10740-10745		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	10-3/4	423.96	450	BJ Service Inc.	Water	
9-7/8	7-5/8	4660.00	1800	BJ Service Inc.	11.7	
6-3/4	5-1/2	10,756.00	700	BJ Service Inc.	9.3	(2-stage)

RECORD OF PRODUCTION AND STIMULATION

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

7-14-53 Perforated from 10740 - 10745 with 4 Schlumberger bullet shots per foot, 20 shots.**7-15-53 Acidized from 10740 - 10745 with 1000 gallons Chemical Process low tension acid.****Maximum pressure 5000#.**

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: 1-3/4" at 983 by Total.
See attachment for drill stem tests.

TOOLS USED

Rotary tools were used from 0 feet to 10,736 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 7-16-53, 19

OIL WELL: The production during the first 24 hours was 251.84 barrels of liquid of which 92.5 % was
was oil; 0 % was emulsion; 7.5 % water; and 0 % was sediment. A.P.I.
Gravity 46°

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.	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.	T. Granite.	T. Dakota.
T. Glorieta. San Angelo 6300	T.	T. Morrison.
T. Drinkard. 6770	T.	T. Penn.
T. Tubbs.	T.	T.
T. Abo. Wichita 8020	T.	T.
T. Penn. Wolfcamp 9630	T.	T.
T. Miss.	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	70	70	Caliche & rocks	10126	10196	70	Lime
70	203	213	Caliche, rock & water sand	10196	10393	199	Lime & chert
203	655	370	Red bed	10393	10343	108	Lime
655	1796	1141	Red bed, shale & shells	10343	10336	53	Lime & shale
1796	1853	97	Red bed, congl. & shells	10336	10736	200	Lime
1853	1848	15	Red bed, shells & sand	P. B. 10731			
1848	1885	17	Anhy., shells				
1885	2219	134	Anhy., shale & shells				
2219	3190	971	Anhy. & salt				
3190	3310	160	Anhy., salt & shale				
3310	3410	100	Anhy. & gyp				
3410	3478	268	Gyp, shale & anhy.				
3478	3515	237	Gyp & anhy.				
3515	4273	360	Anhy.				
4273	4403	120	Anhy. & gyp				
4403	4479	76	Anhy., lime & shale				
4479	4614	135	Anhy., lime & gyp				
4614	4660	46	Lime, anhy.				
4660	9652	4992	Lime				
9652	9777	125	Lime & shale				
9777	9934	159	Lime				
9934	10126	190	Lime & chert				

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.

July 23, 1953

(Date)

Company or Operator Nubia Oil & Refining Co.

Address Box 2347, Nubia, N. M.

Name R. M. Gillette

Position or Title District Chief Clerk

mob/mob

Humble Oil & Refining Company

WELL RECORD CONT'D

Hulda A. Townsend Well No. 2

DATE	TYPE TEST	FORMATION TESTED FROM TO		SIZE CHOKES TOP BOTTOM		DRILL STEM TESTS TOOL OPEN MINUTES		FORMATION PRESSURE FLOWING SHUT-IN		RECOVERY - FEET OIL WATER MUD			OTHER
-53	O.H.	10695	10726	1"	1"	120		50	3100	270a		10	
-53	O.H.	10720	10756	1"	5/8"	222		778	3750	24 bbls.	6 bbls.		

Gas-cut oil

H. A. Townsend

