

NEW MEXICO OIL CONSERV. ON 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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

HUMBLE OIL & REFINING COMPANY

New Mexico State BW

(COMPANY OR OPERATOR)

(LEASE)

WELL NO. 3, IN NE $\frac{1}{4}$ OF NW $\frac{1}{4}$, OF SEC. 20, T. 8-S, R. 33-E, NMPM.
Tobac Pennsylvanian POOL, Chaves COUNTY.

WELL IS 1980 FEET FROM West LINE AND 660 FEET FROM North LINE
OF SECTION 20. IF STATE LAND THE OIL AND GAS LEASE NO. IS E-9089

DRILLING COMMENCED October 6, 19 64 DRILLING WAS COMPLETED November 6, 19 64

NAME OF DRILLING CONTRACTOR Cactus Drilling Company

ADDRESS Midland, Texas

ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 4404 D. F. THE INFORMATION GIVEN IS TO BE

KEPT CONFIDENTIAL UNTIL ---, 19 --- DATE WELL COMPLETED 11-12-64

DISTANCE FROM RDB TO CSG. HEAD FLANGE 15.28 TOP OF RDB 1.0

OIL SANDS OR ZONES

NO. 1, FROM 8950, 8952, 8954, 8956 TO --- 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 --- 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	OUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75	New	389	Baker	---	---	Surface
7-5/8	24	New	3581	Baker	---	---	Intermediate
4-1/2	9.5 & 11.6	New	9071	Baker	---	8950, 8952,	Oil String
2-3/8	4.70	New	8930	---	---	8954, 8956	---

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	TOP OF CEMENT
15	10-3/4	406	375	Pumped	---	Cement circulated
9-7/8	7-5/8	3595	500	Pumped	---	1500 by temp. survey
6-3/4	4-1/2	9086	300	Pumped	---	7400 by temp. survey

RECORD OF PRODUCTION AND STIMULATION

(RECORD THE PROCESS USED, NO. OF QTS. OR GALS. USED, INTERVAL TREATED OR SHOT.)

Spotted 250 gals. acetic acid on bottom. Perf. 4 1/2" casing at 8950, 8952, 8954, 8956 with one shot per depth. Acidized above perf. with above acid with an average injection rate of .75 BPM. Max. press. 1250#. Min. press. 900#. Job by Dowell.

RESULT OF PRODUCTION STIMULATION Well completed as a flowing oil well.

TOTAL DEPTH 9086 (Driller's T. D.)

PBD. 9067

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 9086* FEET, AND FROM _____ FEET TO _____ FEET.
CABLE TOOLS WERE USED FROM _____ FEET TO _____ FEET, AND FROM _____ FEET TO _____ FEET.

PRODUCTION

* Driller's T. D.

PUT TO PRODUCING November 11, 1964.

OIL WELL: THE PRODUCTION DURING THE FIRST ¹⁵~~24~~ HOURS WAS 205 BARRELS OF LIQUID OF WHICH 100 %
WAS OIL; _____ % WAS EMULSION; _____ % WATER; AND _____ % WAS
SEDIMENT. A.P.I. GRAVITY 47.4°

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 _____
X T. SALT Rustler 1814	T. MONTOYA _____	T. FARMINGTON _____
T. YATES 2330	T. SIMPSON _____	T. PICTURED CLIFFS _____
T. 7 RIVERS 2433	T. McKEE _____	T. MENELEE _____
T. QUEEN 3003	T. ELLENBURGER _____	T. POINT LOOKOUT _____
T. GRAYBURG _____	T. GR. WASH _____	T. MANCOS _____
T. SAN ANDRES 3515	T. GRANITE _____	T. DAKOTA _____
T. GLORIETA 4927	T. _____	T. MORRISON _____
T. DRINKARD _____	T. _____	T. PENN _____
T. TUBBS 6400	T. _____	T. _____
T. ABO 7250	T. _____	T. _____
X T. PENN Hueco 8085	T. _____	T. _____
X T. MISSOUR Bough "C" 8930	T. _____	T. _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	2343	2343	Red Bed				
2343	3552	1209	Anhydrite				
3552	4765	1213	Lime				
4765	5650	885	Lime & Sand				
5650	7361	1711	Lime				
7361	7831	470	Shale				
7831	9086	1255	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.

December 23, 1964

COMPANY OR OPERATOR Humble Oil & Refining Company
NAME E. S. DAVIS

ADDRESS Box 2100, Hobbs, New Mexico 88240
POSITION OR TITLE Agent

PPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER New Mexico State BW Well #3

POOL COMPLETED IN Tobac Pennsylvanian

PERFORATED INTERVAL 8950, 8952, 8954, 8956

STIMULATIONS: See front page.

POTENTIAL TEST

DATE	CHOKE SIZE	HOURS TESTED	BBLs/DAY		% OF BS&W	GAS MCF /DAY	GOR	TEG PR OR S P M	CSG PR OR L. STROKE	CORRECTED GRAVITY
			FLUID	OIL						
11-12-64	13/32	15	328	328	--	424	1954	300	---	47.4°

DRILL STEM TESTS

NO.	RESERVOIR	INTERVAL TESTED		PRESSURES			RECOVERY - FEET	RUN BY
		FROM	TO	I. SI.	F. FLOW.	F. SI.		
	None							

CORES: None

LOGS: Acoustic - PGAC - from 9086 to 3620 on 11-6-64
 Microlaterolog - PGAC - from 9086 to 8000 on 11-6-64
 Gamma Ray - PGAC - from 9086 to surface on 11-6-64
 Sonic - PGAC - from 9086 to 3610 on 11-6-64
 Laterolog - PGAC - from 9086 to 8000 on 11-6-64

UNSUCCESSFUL COMPLETION ATTEMPTS: FROM None TO None.
 (SEE DAILY DRILLERS REPORTS FOR SQUEEZES OR BRIDGES.)