

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

New Mexico State Oil

(COMPANY OR OPERATOR)

(LEASE)

WELL NO. 2, IN SE 1/4 OF NW 1/4, OF SEC. 20, T. 8-S, R. 33-E, NMPM.
Tobac Pennsylvanian POOL, Chaves COUNTY.

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

DRILLING COMMENCED September 6, 1964 DRILLING WAS COMPLETED October 3, 1964

NAME OF DRILLING CONTRACTOR Cactus Drilling Company

ADDRESS Midland, Texas

ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 4402 D. F. THE INFORMATION GIVEN IS TO BE

KEPT CONFIDENTIAL UNTIL 1964 DATE WELL COMPLETED 10-9-64

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

OIL SANDS OR ZONES

NO. 1, FROM 8982-8986 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	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75	New	383	Baker	---	---	Surface
7-5/8	24	New	3592	Baker	---	---	Intermediate
4-1/2	9.5 & 11.6	New	9015	Baker	---	8982-8986	Oil String
*2-3/8	4.70	New	8978	---	---	---	---

* Tubing. Packer set at 8926. 1200# Weight set on packer. Water in casing.

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	399	375	Pumped	---	6m. circulated.
9-7/8	7-5/8	3607	500	Pumped	---	1000-by temp. survey
6-3/4	4-1/2	9030	300	Pumped	---	5400-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" csg. from 8982-8986 with one radio active jet shot per ft., selective fire. Acidized above perf. with the above acid with an average injection rate of .25 BPM. Max. press. 1300#. Min. press. 500#. Job by Dowell.

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

TOTAL DEPTH 9030 (Driller's T. D.)

PRD 9000 by wire line.

IF DRILL-STEM OR OTHER SPECIAL TESTS OR DEVIATION SURVEYS WERE MADE, SUBMIT REPORT ON SEPARATE SHEET AND ATTACH HERETO

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 9030* FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

* Driller's T. D.

PRODUCTION

PUT TO PRODUCING October 8, 1964

OIL WELL: THE PRODUCTION DURING THE FIRST 15 HOURS WAS 340 BARRELS OF LIQUID OF WHICH 100% WAS OIL; % WAS EMULSION; % WATER; AND % WAS SEDIMENT. A.P.I. GRAVITY 47.9°

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
XXSALT Hustler 1825	T. MONTOYA	T. FARMINGTON
T. YATES 2336	T. SIMPSON	T. PICTURED CLIFFS
T. 7 RIVERS 2442	T. McKEE	T. MENESEE
T. QUEEN 3007	T. ELLENBURGER	T. POINT LOOKOUT
T. GRAYBURG	T. GR. WASH	T. MANCOS
T. SAN ANDRES 3527	T. GRANITE	T. DAKOTA
XXGLORIETA Paddock 4934	T.	T. MORRISON
T. DRINKARD	T.	T. PENN
T. TUBBS 6408	T.	T.
T. ABO 7260	T.	T.
XXPENNY Hueco 8114	T.	T.
XXMISS Bough "C" 8962	T.	T.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	1833	1833	Red Bed				
1833	3160	1327	Anhydrite & Salt				
3160	3606	446	Anhydrite & Lime				
3606	5223	1617	Lime				
5223	5571	348	Lime & Sand				
5571	7510	1939	Lime				
7510	7830	320	Shale				
7830	9030	1200	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 17, 1964

COMPANY OR OPERATOR Humble Oil & Refining Company ADDRESS Box 2100, Hobbs, New Mexico 88240
NAME POSITION OR TITLE Agent

SUPPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER New Mexico State HW Well #2

POOL COMPLETED IN Tobac Pennsylvanian

PERFORATED INTERVAL 8982-8986 with one radio active jet shot per ft., selective fire.

STIMULATIONS: See first page.

POTENTIAL TEST

DATE	CHOKE SIZE	HOURS TESTED	BBLs/DAY		% OF BS&W	GAS MCF /DAY	GOR	TBG PR OR S P M	CSG PR OR L. STROKE	CORRECTED GRAVITY
			FLUID	OIL						
10-9-64	11/32	15	544	544	6/10	402	1182	560	---	479

DRILL STEM TESTS

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

CORES: None

LOGS: Gamma Ray-Sonic-PGAC - from 9030 to surface on 10-3-64.

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