

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 QUINTUPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

HUMBLE OIL & REFINING COMPANY

New Mexico State "BW"

(COMPANY OR OPERATOR)

(LEASE)

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

WELL IS 1874 FEET FROM South LINE AND 2086 FEET FROM West LINE
OF SECTION 20. IF STATE LAND THE OIL AND GAS LEASE NO. IS E-9089

DRILLING COMMENCED August 7, 1964 DRILLING WAS COMPLETED September 3, 1964

NAME OF DRILLING CONTRACTOR Cactus Drilling Corporation

ADDRESS Midland, Texas

ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 4401 D.F. THE INFORMATION GIVEN IS TO BE

KEPT CONFIDENTIAL UNTIL -, 19- DATE WELL COMPLETED 9-9-64

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

OIL SANDS OR ZONES

NO. 1, FROM 8990, 8991, 8992, 8993 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	380	Baker	-	-	Surface
7-5/8	24	New	3627	Baker	-	-	Intermediate
4-1/2	9.5 & 11.6	New	9035	Baker	-	8990, 8991, 8992,	Oil String
*2-3/8	4.70	New	8923	-	-	8993	-

*Tubing. Set at 8935.

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	397	350	Pumped	-	Circulated
9-7/8	7-5/8	3642	500	Pumped	-	900 by Temp Survey
6-3/4	4-1/2	9050	300	Pumped	-	7500 by Temp Survey

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 250 gallons acetic acid on bottom. Perforated 4-1/2" casing at 8990, 8991, 8992,

8993 with one radio active jet shot per foot, selective fire. Acidized perforations with

the above 250 gallons acetic acid with an average injection rate of .8 BPM. Maximum pressure

1100#. Job by Lowell.

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

TOTAL DEPTH 9050 (Driller's Total Depth)

PBD .9013

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 9050* FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

PRODUCTION

*Driller's Total Depth

PUT TO PRODUCING September 8, 1964

OIL WELL, THE PRODUCTION DURING THE FIRST 19 HOURS WAS 190 BARRELS OF LIQUID OF WHICH 100% WAS OIL, % WAS EMULSION, % WATER, AND % WAS SEDIMENT. A.P.I. GRAVITY 47.0°

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. SALT
mustler 1810
T. YATES 2346
T. 7 RIVERS 2452
T. QUEEN 3013
T. GRAYBURG
T. SAN ANDRES 3536
T. GLORIETA 4945
T. DRINKARD
T. TUBBS 6418
T. ABO 7272
Hueco 8131
Bough "C" 8982

T. DEVONIAN
T. SILURIAN
T. MONTOYA
T. SIMPSON
T. McKEE
T. ELLENBURGER
T. GR. WASH
T. GRANITE
T.
T.
T.
T.
T.

T. OJO ALAMO
T. KIRTLAND-FRUITLAND
T. FARMINGTON
T. PICTURED CLIFFS
T. MENESEE
T. POINT LOOKOUT
T. MANCOS
T. DAKOTA
T. MORRISON
T. PENN
T.
T.
T.
T.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	1953	1953	Sand & Red Bed				
1953	2460	507	Salt & Anhydrite				
2460	3595	1135	Anhydrite				
3595	3642	47	Anhydrite & Lime				
3642	4938	1296	Lime				
4938	5386	448	Lime & Sand				
5386	7167	1781	Lime				
7167	7320	153	Lime & Shale				
7320	7903	583	Shale				
7903	8006	103	Shale & Lime				
8006	9050	1044	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.

October 16, 1964

COMPANY OR OPERATOR Humble Oil & Refining Company

ADDRESS Box 2100, Hobbs, New Mexico 88240

NAME COPY ORIGINAL SIGNED E. S. DAVIS

POSITION OR TITLE Agent

SUPPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER NEW MEXICO STATE "BW" WELL No. 1

POOL COMPLETED IN TOBAC PENN.

PERFORATED INTERVAL 8990, 8991, 8992, 8993 with one radio-active jet shot per foot, selective fire.

STIMULATIONS: -

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						
9-9-64	1/4	19	240	240	-	360	1500	425	-	47.0°

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-SCHLUMBURGER-FROM 9036 TO SURFACE ON 9-3-64.
CALIPER-SCHLUMBURGER-FROM 9036 TO 3642 ON 9-3-64.

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