

NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE O. C. C.
SANTA FE, NEW MEXICO

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MAY 1 8 54 AM '64
WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

HUMBLE OIL & REFINING COMPANY
(COMPANY OR OPERATOR)

New Mexico State "K"

WELL NO. 19, IN SE $\frac{1}{4}$ OF SE $\frac{1}{4}$, OF SEC. 28, T. -17-S, R. -35-E, NMPM.
Undesignated-Vacuum Glorieta (T) POOL Lea COUNTY.

WELL IS 330 FEET FROM South LINE AND 330 FEET FROM East LINE
OF SECTION 28 IF STATE LAND THE OIL AND GAS LEASE NO. IS A-1320

DRILLING COMMENCED March 25, 1964 DRILLING WAS COMPLETED April 13, 1964

NAME OF DRILLING CONTRACTOR Rod Ric Corporation

ADDRESS Midland, Texas

ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 3946 D.F. THE INFORMATION GIVEN IS TO BE

KEPT CONFIDENTIAL UNTIL _____, 19____ DATE WELL COMPLETED 4-18-64

DISTANCE FROM RDB TO CSG. HEAD FLANGE 11.65 TOP OF RDB 1.0

OIL SANDS OR ZONES

NO. 1, FROM 6083-88, 6090-93, 6097-6100,	NO. 4, FROM _____ TO _____
NO. 2, FROM 6105-10 TO _____	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"	24#	New	1574	Baker	-	-	Surface
4-1/2"	9.5 & 11.6	New	6218	Halliburton	-	6083-88, 6090-93, 6097-6100, 6105-10	Oil String
ng 2-3/8"	4.7	New	6065	-	-	-	-

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	TOP OF CEMENT [REDACTED]
12-1/4"	8-5/8"	1587	825	Pumped	-	Cement Circulated.
7-7/8"	4-1/2"	6230	750	Pumped	-	6218 by Temp Survey
						2650

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

Displaced water in casing with oil. Spotted 500 gallons acetic acid on bottom. Perf. 4-1/2"
casing from 6083-88, 6090-93, 6097-6100 and 6105-10 with 1 radioactive shot per foot. Pumped
above acid into perforations. Maximum pressure 1900#. Average injection rate of 12 BPM.
Job by Dowell.

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

TOTAL DEPTH 6230 Driller's Total Depth

PBD 6218

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 6230* 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 4-17, 19 64

OIL WELL: THE PRODUCTION DURING THE FIRST 24 HOURS WAS 107 BARRELS OF LIQUID OF WHICH 100% WAS OIL; % WAS EMULSION; % WATER; AND % WAS SEDIMENT. A.P.I. GRAVITY 37.7°

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		
XXXXXXXXXX Rustler 1574	T. DEVONIAN		T. OJO ALAMO		
XXXXXXXXXX B. Salt Salado 2695	T. SILURIAN		T. KIRTLAND-FRUITLAND		
XXXXXXXXXX Tansill 2733	T. MONTOYA		T. FARMINGTON		
T. YATES 2816	T. SIMPSON		T. PICTURED CLIFFS		
T. 7 RIVERS 3050	T. McKEE		T. MENEFFEE		
T. QUEEN 3693	T. ELLENBURGER		T. POINT LOOKOUT		
T. GRAYBURG 4037	T. GR. WASH		T. MANCOS		
T. SAN ANDRES 4353	T. GRANITE		T. DAKOTA		
T. GLORIETA 5957	T.		T. MORRISON		
XXXXXXXXXX Paddock Pay 6076	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	204	204	Sand & Gravel				
204	1485	1281	Red Bed				
1485	1588	103	Red Bed and Anhydrite				
1588	2930	1342	Anhydrite and Salt				
2930	4227	1297	Anhydrite				
4227	6000	1773	Lime				
6000	6171	171	Dolomite, Sand & Anhydrite				
6171	6230	59	Dolomite				
	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.

April 30, 1964

COMPANY OR OPERATOR Humble Oil & Refining Company ADDRESS Box 2100, Hobbs, New Mexico 88240 (DATE)
NAME E. S. DAVIS POSITION OR TITLE Agent

SUPPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER New Mexico State "K" Well #19

POOL COMPLETED IN Undesignated-Vacuum Glorieta (T)

PERFORATED INTERVAL 6083-88, 6090-93, 6097-6100, 6105-10

STIMULATIONS: See front 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						
4-18-64	3/16	15-1/4	168	168	-	113	673	300	-	37.7°

DRILL STEM TESTS

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

CORES: Core #1 from 6002 to 6053, Core #2 from 6053 to 6101. Core #3 from 6101 to 6114.
Core #4 from 6114 to 6156. Core #5 from 6156 to 6181.

LOGS: Gamma Ray-Sonic-Lane Wells- from 6230 to surface on 4-13-64.
Microlaterolog-(Minifocused)-Lane Wells-from 6230 to 2700 on 4-13-64.
Focused (Laterolog)-Lane Wells-from 6230 to 2700 on 4-13-64.
Caliper-Lane Wells-from 6230 to 1588 on 4-14-64.

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