

				X					

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

WELL RECORD

HOBBS OFFICE O. C.
DEC 20 9 08 AM '63

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.

HUMBLE OIL & REFINING COMPANY J. D. Knox
(COMPANY OR OPERATOR) (LEASE)
WELL NO. 10, IN SW 1/4 OF NE 1/4, OF SEC. 10, T. -21-S, R. -36-E, NMPM.
Oil Center Blinebry POOL, Lea COUNTY.
WELL IS 1650 FEET FROM North LINE AND 1752 FEET FROM East LINE
OF SECTION 10. IF STATE LAND THE OIL AND GAS LEASE NO. IS Fee
DRILLING COMMENCED October 31, 1963 DRILLING WAS COMPLETED November 14, 1963
NAME OF DRILLING CONTRACTOR Moran Drilling Company
ADDRESS Hobbs, New Mexico
ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 3588 D.F. THE INFORMATION GIVEN IS TO BE
KEPT CONFIDENTIAL UNTIL - 19 - DATE WELL COMPLETED 11-22-63
DISTANCE FROM RDB TO CSG. HEAD FLANGE 10.70 TOP OF RDB 1.0

OIL SANDS OR ZONES

NO. 1, FROM 5897, 5902, 5906, 5910, 5914, 5923, NO. 4, FROM TO
5925, 5949 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
7-5/8"	24	New	1311	Larkin	-	-	Surface
4-1/2"	9.5 & 11.6	New	6219	Larkin	-	-	Oil String
* 2"	4.7	Unk	5812	-	-	-	tubing

* Tubing. Packer set at 5761

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	TOP OF CEMENT
11	7-5/8	1323	700	Pumped	-	Circulated cement.
6-3/4	4-1/2	6230	500	Pumped	-	2200 by temp. survey

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 15% N.E. acid w/inhibitor over perf 5897, 5902, 5906, 5910, 5914, 5923, 5925 and 5949.
Pulled tbg up and reset packer at 5751. Pressured up to 2000# on tbg. Let soak for 20 min. Pressured up to 3500# on tbg. Let soak for 20 min. Pressured up to 3800#, broke down esp. perf. Treated w/2000 gals acid with an average injection rate of 2.7 BPM. (cont pg. 3)

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

TOTAL DEPTH 6236 Driller's T.D.

PBD 6206 by WL

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 6236 * FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

* Driller's Total Depth

PRODUCTION

PUT TO PRODUCING November 20, 19 63.

OIL WELL: THE PRODUCTION DURING THE FIRST 24 HOURS WAS 187 BARRELS OF LIQUID OF WHICH 94 % WAS OIL; % WAS EMULSION; 6 % WATER; AND % WAS SEDIMENT. A.P.I. GRAVITY 39.1°

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. SALT		T. SILURIAN	
B. SALT		T. MONTOYA	
T. RUSTLER	1301	T. SIMPSON	
T. SALADO	1430	T. McKEE	
T. QUEEN	3366	T. ELLENBURGER	
T. GRAYBURG	3657	T. GR. WASH	
T. SAN ANDRES	3932	T. GRANITE	
T. GLORIETA	5275	T.	
T. DRINKARD		T.	
T. CLEARFORK (Blinebry)	5882	T.	
T. ABO		T.	
T. PENN		T.	
T. MISS		T.	

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	75	75	Surface				
75	1325	1250	Red Bed				
1325	3363	2038	Anhydrite				
3363	6236	2873	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 19, 1963 (DATE)

COMPANY OR OPERATOR Humble Oil & Refining Company ADDRESS Box 2100, Hobbs, New Mexico
NAME COPY ORIGINAL SIGNED: E. S. DAVIS POSITION OR TITLE Agent

SUPPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER John D. Knox No. 10

POOL COMPLETED IN Oil Center Blinbry

PERFORATED INTERVAL 5897, 5902, 5906, 5910, 5914, 5923, 5925 and 5949 one shot per depth

STIMULATIONS: (con't from page 1) average treating pressure 3000#. Pumped 20 bbls lease oil into annulus. Job by Knox Services, Inc.

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						
11-22-63	13/64	24	187	176	6	247	1403	500	-	39.1°

DRILL STEM TESTS

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

CORES: NONE

LOGS: Laterolog + PGAC from 6234 to 2500 on 11-14-63
 Gamma Ray - PGAC from 6234 to surface on 11-14-63
 Sonic - PGAC from 6234 to 1323 on 11-14-63
 Microlaterolog - PGAC from 6234 to 2500 on 11-14-63
 Caliper - PGAC from 6234 to 2500 on 11-14-63
 Laterolog - Schlumberger from 6234 to 2500 on 11-15-63.

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