

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Jan 31 1 42 PM '64
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
(COMPANY OR OPERATOR)
Charles S. Alves
(LEASE)
WELL NO. 1, IN NW $\frac{1}{4}$ OF NE $\frac{1}{4}$, OF SEC. 7, T. 19-S, R. -35-E, NMPM.
Scharb Bone Spring POOL, Lea COUNTY.
WELL IS 660 FEET FROM North LINE AND 1980 FEET FROM East LINE
OF SECTION 7. IF STATE LAND THE OIL AND GAS LEASE NO. IS -
DRILLING COMMENCED September 21, 1963 DRILLING WAS COMPLETED November 4, 1963
NAME OF DRILLING CONTRACTOR Lee Drilling Company
ADDRESS Tulsa, Oklahoma
ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 3909 D.F. THE INFORMATION GIVEN IS TO BE
KEPT CONFIDENTIAL UNTIL -, 19- DATE WELL COMPLETED 12-31-63
DISTANCE FROM RDB TO CSG. HEAD FLANGE 16.80 TOP OF RDB 1.0

OIL SANDS OR ZONES

NO. 1, FROM 10,105 TO 10,125 NO. 4, FROM - TO -
NO. 2, FROM 10,144 TO 10,159 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
13-3/8	48	New	375	Larkin	-	-	Surface
8-5/8	24 & 32	New	3953	Larkin	-	-	Intermediate
4-1/2	11.6	New	10188	Halliburton	-	-	Oil String
*2-3/8	4.7	New	10048				

*Tubing set at 10,060.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	TOP OF CEMENT
17-1/2	13-3/8	395	425	Pumped	-	Cement Circulated.
11	8-5/8	3971	500	Pumped	-	2850 by temp. survey.
7-7/8	4-1/2	10205	500	Pumped	-	7450 by temp. survey.

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perf. 10,144-10,159 with 500 gals MCA acid with an average injection rate of 1.8 BPM.
Max. press. 4600#. Min. press. 3700#. Job by Cardinal Chemical. Acidized perf. 10,144-
10,159 w/ 40 gals Reg. 15% N.E. acid with an average injection rate of 4 BPM. Max. press.
4400#. Min. press. 4400#. Job by Cardinal Chemical. Acidized perf. 10,144-10,159 with
RESULT OF PRODUCTION STIMULATION Well completed as a pumping oil well.

TOTAL DEPTH 10,205 Driller's T.D. PBD 10,185

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 122 FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

PRODUCTION *Miller's T.D.

PUT TO PRODUCING November 9, 1963 Allowable based on swab test.
OIL WELL: THE PRODUCTION DURING THE FIRST 10 HOURS WAS 81 BARRELS OF LIQUID OF WHICH 100 %
WAS OIL; % WAS EMULSION; % WATER; AND % WAS
SEDIMENT. A.P.I. GRAVITY 38.3°

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 10,100			NORTHWESTERN NEW MEXICO	
T. ANHY		Bone Spring Pay	T. OJO ALAMO	
T. SALT			T. KIRTLAND-FRUITLAND	
	Rustler 1847		T. FARMINGTON	
T. YATES	3393		T. PICTURED CLIFFS	
T. 7 RIVERS	3900		T. MENESEE	
T. QUEEN	4646		T. POINT LOOKOUT	
	Penrose 4925		T. MANCOS	
T. SAN ANDRES	5200		T. DAKOTA	
T. GLORIETA			T. MORRISON	
T. DRINKARD			T. PENN	
	Delaware Mtn. 6025		T.	
	Bone Spring 7887		T.	
	1st BS Sand 9392		T.	
	2nd BS Sand 9890		T.	

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	1850	1850	Red Bed				
1850	3230	1380	Anhydrite and Salt				
3230	3971	741	Anhydrite				
3971	6590	2619	Lime				
6590	7853	1263	Lime and Sand				
7853	8160	307	Lime				
8160	8528	368	Lime and Dolomite				
8528	8693	165	Dolomite				
8693	9421	728	Dolomite and Chert				
9421	10019	598	Dolomite and Lime				
10019	10181	162	Lime				
10181	10205	24	Shale				
	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.

January 29, 1964

COMPANY OR OPERATORHumble Oil & Refining Company ADDRESS BOX 2100, Hobbs, NEW MEXICO 88240
NAME COPY ORIGINAL SIGNED: E. S. DAVIS POSITION OR TITLE Agent