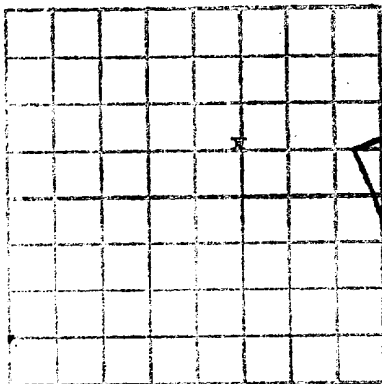


AREA AND ACRES
LOCATE WELL CORRECTLY

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

1957 JAN 3 AM 11:23
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.

Humble Oil & Refining Company

South Four Lakes Unit #1

(COMPANY OR OPERATOR)

(LEASE)

WELL NO. 2, IN SW 1/4 OF NE 1/4, OF SEC. 2, T. 12-S, R. 34-E, N.M.

Wildcat

POOL, Lea

COUNTY

WELL IS 1980 FEET FROM north LINE AND 1980 FEET FROM east

OF SECTION 2. IF STATE LAND THE OIL AND GAS LEASE NO. IS L-596, 677, 937, 2013 and 2064

DRILLING COMMENCED 5-17-56, 19 DRILLING WAS COMPLETED 10-8-56

NAME OF DRILLING CONTRACTOR Sharp Drilling Company

ADDRESS Box 1271, Midland, Texas

ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 4156 DF THE INFORMATION GIVEN IS TO BE

KEPT CONFIDENTIAL UNTIL not confidential, 19

OIL SANDS OR ZONES

NO. 1, FROM 12809 TO 12859 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
13-3/8	54.5	new	326.20	Howco	-	-	Surface
9-5/8	36	new	4185.40	Howco	-	-	Intermediate
5 1/2	17	new	12911.60	Howco	-	12809 - 12859	Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13-3/8	344	375	Howco	-	-
12 1/2	9-5/8	4200	2300	Howco	-	-
8-3/4	5 1/2	12924	1925	Howco	-	2-stage

RECORD OF PRODUCTION AND STIMULATION

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

Attempted to acidize through perforations from 12809 to 12859 with 500 gal mud acid, after 64 bbls of acid entered formation pressure rose from 5000# to 6000#, PSI ceased treatment. Treated through perforations from 12809 to 12859 with 1000 gals 15% regular acid at 5700# psi.

RESULT OF PRODUCTION STIMULATION On 8-hour test after treatment well produced 245 bbls PLO on 3/8" choke. Tubing pressure 2000#, Gas 1741 Mcf/day, gas-oil ratio 2368.

DEPTH CHANGED OUT

RECORD OF DRILL-STEM AND SPECIAL TESTS

IF DRILL-STEM OR OTHER SPECIAL TESTS OR DEVIATION SURVEYS WERE MADE, SUBMIT REPORT ON SEPARATE SHEET AND ATTACH HERETO See attached sheet for drill stem test.
Maximum hole deviation = 4 1/2 deg at 12,444' by TOTCO.

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 12,924 FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

PRODUCTION

PUT TO PRODUCING 9-22-56 19
OIL WELL: THE PRODUCTION DURING THE FIRST 24 HOURS WAS 421.08 BARRELS OF LIQUID OF WHICH 100 WAS OIL, % WAS EMULSION, % WATER, AND SEDIMENT. A.P.I. GRAVITY 57.6
GAS WELL: THE PRODUCTION DURING THE FIRST 24 HOURS WAS A.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 1993	T. DEVONIAN 12434	T. OJO ALAMO	
T. SALT	T. SILURIAN	T. KIRTLAND-FRUITLAND	
T. SALT	T. MONTOYA	T. FARMINGTON	
T. YATES 2802	T. SIMPSON	T. PICTURED CLIFFS	
T. 7 RIVERS	T. McKEE	T. MENEFEE	
T. QUEEN	T. ELLENBURGER	T. POINT LOCKOUT	
T. GRAYBURG	T. GR. WASH.	T. MANCOS	
T. SAN ANDRES 4100	T. GRANITE	T. DAKOTA	
T. GLORIETA 5544	T.	T. MORRISON	
T. DRINKARD	T.	T. PENN.	
T. TUBBS 6972	T.	T.	
T. ABO 7743	T.	T.	
T. hueco 8954	T.	T.	
T. PENN 11767	T.	T.	
T. MISS 12363	T.	T.	
Wooford 12363			

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	1993	1993	Red Beds				
1993	2802	809	Anhydrite & Red Beds & Salt				
2802	4100	1298	Sand, Red Beds				
4100	5544	1444	Dolomite, Anhydrite				
5544	6972	1428	Sand, Dolomite & Anhydrite				
6972	7743	771	Sand, Dolomite & Anhydrite				
7743	8954	1211	Green & Red Shale & Dolomite				
8954	11767	2813	Limestone & Shale				
11767	12363	596	Limestone & Chert				
12363	12434	71	Shale				
12434	12924	490	Dolomite				

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 31, 1956

COMPANY OR OPERATOR Humble Oil & Refining Company ADDRESS Box 2347, Hobbs, N.M.
NAME M. M. Rogers POSITION OR TITLE Agent

South Four Lakes Unit #1, Well #2.Undesignated Pool

Drill Stem Test

Date	Type of Test	Formation Tested		Size Choke		Tool Open Min.	Formation Press.		Recovery - feet			Was Test Satis.
		From	To	Top	Bottom		Flowing	Shut In	Oil	Water	Other	
7-5-56	OH	9837	9920	3/8	5/8	30	3525	3740	212 bbls			yes
7-13-56	OH	10100	10156	1	5/8	120	305	3255			963*	yes
7-15-56	OH	10175	10239	1	5/8	180	640	3035			681*	yes
8-6-56	OH	11328	11393	1	5/8	30	440	505			10	yes
8-30-56	OH	12504	12586	1	5/8	30	1195	1525			30	yes
8-31-56	OH	12439	12600	1	5/8	38	1425	4825			470*	yes
9-4-56	OH	12595	12641				packer failed					no
9-4-56	OH	12572	12641	1	5/8	60	1195	1780			30	yes
9-8-56	OH	12566	12693	1	5/8	35	1680	packer failed			1128*	no
9-9-56	OH	12523	12694	1	5/8	270	2200	4900	10		2350	yes
9-11-56	OH	12691	12719	1	5/8	255	4160	5215	84.17 bbls	2 hrs		yes
9-13-56	OH	12718	12744	1	5/8	301	1165	5185	35.87 bbls			yes
9-15-56	OH	12744	12769	1	5/8	347	1165	5105	18.37 bbls			yes
9-17-56	OH	12769	12794	3/8	5/8	255	4075	5215	174.19 bbls			yes
9-19-56	OH	12794	12819	1	5/8	285	1225	5175	86.70 bbls			yes
9-21-56	OH	12819	12854	5/8	5/8	191	2000	5215	95.48 bbls			yes
9-23-56	OH	12853	12889	5/8	5/8	235	1760	5165	192.50 bbls			yes
9-25-56	OH	12889	12924	5/8	5/8	312	4240	5250	186°		5174°	yes

* oil & gas cut mud.