

M.

Santa Fe, New Mexico

MAY 1 10 39 AM '64

[illegible]

AREA 640 ACRES
LOCATE WELL CORRECTLY.

State "BB"

(Lease)

..Pool,Lea

....., 19.....

No. 3, from.....to..... No. 6, from.....to.....

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"	2.9#	New	400	-	-	-	Surface
4-1/2"	9.5#	New	3378	-	-	-	Production String
4-1/2"	11.6#	New	1112	-	-	4122-4137	Production String

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	400	250-3% CACI	Pump & Plug	-	-
7-7/8"	4-1/2"	4490	2200	Pump & Plug	-	-

..Depth Cleaned Out.....

BOARD 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

TOOLS USED

Rotary tools were used from 0 feet to 4490 feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 4/1/64, 19 68 BNO
 35 BSW
 OIL WELL: The production during the first 24 hours was barrels of liquid of which 49 % was
 was oil; % was emulsion; 51 % water; and % was sediment. A.P.I.
 Gravity 15.1 @60°
 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.	1516	T. Devonian.	T. Ojo Alamo.
T. Salt.	1570	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	2090	T. Montoya.	T. Farmington.
T. Yates.	2159	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.		T. McKee.	T. Menefee.
T. Queen.	2860	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	3158	T. Gr. Wash.	T. Mancos.
T. San Andres.	3398	T. Granite.	T. Dakota.
T. Glorieta.		T.	T. Morrison.
T. Drinkard.		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	60	60	Shell				
60	409	349	Red Bed				
409	760	351	Red Rock				
760	1600	840	Red Bed & Anhy				
1600	1935	335	Salt & Anhy				
1935	2368	433	Anhy				
2368	2535	167	Anhy & Sand				
2535	2770	235	Anhy & Gyp				
2770	3154	384	Anhy				
3154	3342	188	Anhy & Lime				
3342	3356	14	Lime				
3356	3459	103	Lime & Dolo				
3459	4104	645	Lime				
4104	4117	13	Dolo				
4117	4169	52	Core #1				
4169	4232	63	Lime				
4232	4275	43	Lime & Sand				
4275	4490	215	Lime				

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 23, 1964 (Date)
 Company or Operator Socony Mobil Oil Co., Inc. Address Box 1800, Hobbs, New Mexico
 Name J. McDaniel Position or Title Group Supervisor

SUMMARY OF OPERATIONS

Page #1

2-9-64 Leatherwood Drilling Co. commenced drilling operations @ 1:AM (spud date.)
 2-9-64 Set 400' of 8-5/8" surface casing.
 2-10-64 Tested 8-5/8" csg. w/1000# for 30 mins. Tested Ok.
 2-21-64 Cored #1-4117-4169.
 2-26-64 Fished & recovered Core bbl w/Core #1 in 120 hrs.
 2-29-64 Schlumberger ran GR-Sonic Log 0-4478'.
 2-29-64 Schlumberger ran Laterolog 400-4082'.
 3-1-64 Worth Well ran Caliper survey 400-4490.
 3-1-64 Set 4490' of 4-1/2" production casing.
 3-1-64 Released Leatherwood Drilling Co. @ 9:PM.
 3-3-64 Moved in Field Service derrick unit.
 3-5-64 Tested 4-1/2" casing w/1500# for 30 mins. Tested Ok.
 3-5-64 Frontier perf. 4-1/2" csg. 4294-4344 w/2 JSPF.
 3-6-64 Chemical Engineering Co. acidized perfs. 4294-4344 w/3000 gal acid + 30 RCN ball sealers.
 3-10-64 Cardinal Chemical sand oil frac. perfs 4294-4344 w/20,000 gal refined oil + 40,000# 20-40 Ottawa sand + 24 RCN ball sealers.
 3-11-64 Ran sand pump, cleanout sand 4430-4470'. Ran 2" tbg. to 4458', tbg. perf 4423-27, SN 4422'. Ran rods & pump.
 3-15-64 Pumped 48 BLO in 36 hrs.
 3-17-64 Pulled rods & pump. Swab 38 BLO in 6 hrs. Pumped 6 BLO & swab 176 BLO + 45 BLW + 21 BSW in 70 hrs.
 3-31-64 Ran HOWCo DC retainer & set @ 4198'. Squeezed San Andres perfs 4294-4344 w/50 Sx Trinity Inferno neat cement. Max Pr. 3300#, rev. 10Sx.
 3-31-64 PGAC perf. 4-1/2" csg. 4122-4128, 4131-4137 w/1JSPF (14 holes).
 4-1-64 Cardinal Chemical acidized perfs 4122-4137 w/1000 gals 15% NE acid.
 4-6-64 Cardinal Chemical acidized perfs 4122-4137 w/5000 gal Unisole acid + RCN ball sealers.
 4-7-64 Pulled tbg. & pkr.
 4-7-64 Ran 2" tbg to 4176, tbg. perf. 4141-45, SN 4140. Ran rods & pump
 4-8-64 On NMOCC potential test pumped 68 BNO + 35 BSW in 24 hrs. 13 42" SPM. GOR TSTM. Gty 15.1 @ 60°.

CORE RECORD

NO.	DATE	FROM	TO	FORMATION	REMARKS
1	2-21-64	4117'	4169'	San Andres	Rec. 49'. 22-1/2' brown to gry oil st. Do-lo, good show. 7-1/2' dense do-lo, slight show 19' dense dolo, Anhy, no show

PERFORATIONS

ZONE	DEPTH	SIZE	KIND	
San-Andres	4294	1/2"	Jet	Squeezed w/50 Sacks Trinity Inferno Cem.

ZONE	DEPTH	SIZE	KIND	
San-	4313'	1/2"	Jet	Squeezed w/50 Sacks Trinity Inferno Cem.
Andres				
	4323	"	"	"
	4325	"	"	"
	4329	"	"	"
	4336	"	"	"
	4338	"	"	"
	4340	"	"	"
	4342	"	"	"
	4344	"	"	"

San Andres	4122'	1/2"	Jet
	4123'	"	"
	4124'	"	"
	4125'	"	"
	4126'	"	"
	4127'	"	"
	4128'	"	"
	4131'	"	"
	4132'	"	"
	4133'	"	"
	4134'	"	"
	4135'	"	"
	4136'	"	"
	4137'	"	"

ACIDIZING

3/6/64 Chemical Engr. Co. acidized perfs. 4294-4344 w/3000 gals acid + 30 RCN ball sealers. Trt. Pr. 2900-3300#. Rate 4.1 BPM. ISIP 2750# SI 2 hrs. Swab 18 BLO + 38 BAW in 3 hrs. SI 12 hrs. Swab 2 BNO + 21 BAW in 12 hrs. Swab 10 bbl. fluid in 14 hrs. 90% AW.

3-10-64 Cardinal Chemical Co. sand oil frac. perfs. 4294-4344 w/20,000 gal refined oil + 40,000# 20-40 Ottawa sand + 24 RCN ball sealers. Brk dwn pr. 3800# trt. pr. 4200-3800#. Rate 13.1 BPM ISIP 3400#, SI 19 hrs. Flow 111 BLO in 10 hrs.

4-1-64 Cardinal Chemical Co. acidized perfs. 4122-4137 w/1000 gals 15% NE acid. Trt. pr. 3000-2600. Rate 3 BPM ISIP 2200#, 5 min. SIP 2000#. Swab 17 BLO + 53 BNO + 16 BAW in 41 hrs. Re-set RTTS @3991'.

4-6-64 Cardinal Chemical acidized perfs. 4122-4137 w/5000 gal Unisole acid + 16 RCN ball sealers. Trt. pr. 3800-2000#. Rate 2.1 BPM. ISIP 2500#. 5 min SIP 2400#. Balled out w/105 bbls. in formation. Swab 17 BLO + 64 BNO + 64 BAW in 15 hrs.