

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JAN 31 3 42 PM '66

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
OG-93	

1a. TYPE OF WELL	7. Unit Agreement Name
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	
b. TYPE OF COMPLETION	8. Farm or Lease Name
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	State "BB"

2. Name of Operator	9. Well No.
Socony Mobil Oil Company, Inc.	3
3. Address of Operator	10. Field and Pool, or Wildcat
Box 1800, Hobbs, New Mexico	Mescalero San Andres
4. Location of Well	

UNIT LETTER <u>G</u> LOCATED <u>2310</u> FEET FROM THE <u>East</u> LINE AND <u>1980</u> FEET FROM	12. County
THE <u>North</u> LINE OF SEC. <u>14</u> TWP. <u>10-S</u> RGE. <u>32-E</u> NMPM	<u>Lea</u>

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
12-27-65	1-7-66	1-20-66	4323 GL	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
4485	4470	-	0-4485	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
4111-4453 San Andres	Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
Correlation, GR-Sonic	Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	29#	1585	12-1/4	500 sx 4% Gel + 100 Incor neat 2% CaCl	
4-1/2"	9.5#	4485	6-3/4	300 sx. Incor Neat 8#/sx salt.	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	4467

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4259, 64, 70, 81, 4303, 12, 15, 27, 33, 46, 51, 65, 69, 88, 4398, 33, 37, 49, 51, & 4453 w/1 SPF - 4111, 15, 21, 25, 29, 33, 38, 43, 45, 47, 49 & 57 w/1 SPF	
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	4259-4453 2250 gals. 15% Unisol + 20 RCN
	4259-4453 5000 gals. 15% Unisol + 23 RCN balls
	4111-4157 2000 gals. Unisol + 14 RCN balls
	Sealers

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1-20-66		Pumping				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-30-66	24			86	9	39	109
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
			86	9	39	18.4°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED <u>E. J. Korman</u>	TITLE <u>Group Supervisor</u>	DATE <u>Jan. 31, 1966</u>

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1565</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2206</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3200</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3433</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	980	980	Surface & Red bed				
980	1204	224	Anhydrite & Red rock				
1204	1532	328	Anhydrite & red bed				
1532	1585	53	Anhydrite				
1585	2290	705	Anhydrite & red bed				
2290	2643	353	Anhydrite & salt				
2643	2874	231	Anhydrite, salt & sand				
2874	3390	516	Anhydrite				
3390	3465	75	Anhydrite & lime				
3465	3594	129	Anhydrite				
3594	3690	96	Anhydrite & lime				
3690	4154	464	Lime				
4154	4285	131	Lime, Dolomite & anhydrite				
4285	4343	58	Limestone				
4343	4485	142	Lime, dolomite & anhydrite				

DEVIATION TESTS

Socony Mobil Oil Co., Inc.

State "BB" No. 3

Unit G, Section 14, T-10-S, R-32-E, 3

Lea County, New Mexico

Jan 31 3 52 PM '66
L.C.C.

<u>DEPTH</u>	<u>DEGREE OFF VERTICAL</u>
510	1/2
1007	1
1370	3/4
1585	1
2360	1-1/2
2860	1-3/4
3420	1-1/2
3690	1-1/4
3870	3/4
4280	1-1/4
4485	3/4

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

E. J. Kennon
E. J. Kennon, Group Supervisor

SUBSCRIBED AND SWORN TO BEFORE ME, A NOTARY PUBLIC IN AND FOR LEA COUNTY, STATE OF NEW MEXICO, THIS 31st DAY OF JANUARY 1966

My Commission Expires February 23, 1968

W. M. Hasclett
Notary Public

MOORE FIELD S.C.C.
JAN 31 1966

Date	Operations
12-28	Verna Drilling Co. Spudded 6:00 P.M., 12-27-65
12-30	Set 8-5/8" 29# casing on bottom @ 1585 cemented w/500 sx Incor 4% gel + 100 sx Incor neat, 2% CaCl. Plug down 12:45 A.M., 12-30-65. Cement circ.
12-31	Tested casing & BOP w/1000# 30 min. OK.
1-6	Core #1 - San Andres 4120-4178' Rec. 58', 4120-59 - 39' Gray dolomite, frac, oil stained., 4159-67 - Rec. 8' Gray dolomite, frac, no oil show, 4167-78 - Rec. 11' Gray dolomite, frac. oil stain.
1-8	Core #2 - San Andres 4285-4343, Rec. 58' - Dense brown limestone, scattered porosity small vugs - 13' had slight to fair shows of oil.
1-10	Set 4-1/2" J-55 ST&C casing @ 4485' cemented w/300 sx Incor Neat 8#/sx salt. Plug down 4:00 A.M. 1-9-66, Est. cement top @ 3000', Schlumberger ran G.R. Sonic log 4484 Released Verna Drilling Co. 8:00 A.M. 1-9-66
1-12	Moved in Field Service Unit.
1-13-66	Install BOP, Ran bit & Scraper, drld cement 4414-4470, Tested casing 2000# - OK displaced water with oil, pull tubing & bit. Schlumberger ran correl. log 3400- - 4470' Perf. San Andres 4259, 64, 70, 81, 4303, 12, 15, 27, 33, 46, 51, 65, 69, 88, 4398, 4418, 33, 37, 49, 51, & 4453 w/1 Jet SPF
1-14	Ran tubing to 4460, Card. Chem wash perf, pulled tubing to 4210. Acidized perf w/2250 gal. 15% unisol acid 20 RCN ball sealers, Max. Press. 3800# Tr. TP 3200#, 2.7 BPM, ISIP 3000# 5 min. 2800#, Comp. 10:30 A.M. 1-13-66. Pull tubing, reran with mud anchor to 4467, Tubing perf. 4456-59, SN 4455, Install well head. Swab 83 BLO + 38 BAW + 35 BNO, in 9 hours, 300-500' fluid in hole.
1-17	Pull tubing, ran RTTS to 4200', loaded casing. Card. Chem. acidized San Andres 5000 gals. 15% unisol acid, 23 RCN ball sealers Tr. TP 2300# rate 3.4 BPM, ISIP 2600# 5 min. 2000#, Comp. 2:00 P.M. 1-15-66. Pull packer, ran tubing to 4467, T. Perf. 4456-59, SN @ 4455' Install well head, Swab 84 BLO + 58 BAW + BNO in 31 hours, 100-500' fluid in hole.
1-19-	Pulled 2-3/8" tubing. Schlumberger perf. 4-1/2" casing in San Andres @ 4111, 15, 21, 25, 29, 33, 38, 43, 45, 47, 49 & 57 w/1 Jet SPF
1-20	Ran HwCo Ret. plug on 2-3/8" tubing, Set 4205' pulled tubing to 4161' Card. Chem wash perf. 4111-4157 w/unisol acid. Then pulled tubing to 4056, Acidized perf. w/2000 gals. unisol acid + 14 RCN ball sealers, Max Press 4700, Avg. TP 3100, rate 3.5 BPM, ISIP 1900, 5 min. SIP 1000# Comp. 2:00 P.M. 1-19-66. Swab 82 BLO (all) + 13 BAW + 36 BNO in 15 hours.
1-21	Ret. BP from 4205 & pulled. Ran 2-3/8" tubing to 4467. Tub. perf. 4455-59. SN @ 4454, Install well head
1-24	Ran rods and pump to 4434, Released unit @ 2:00 P.M. 1-22-66
1-28	Checked fluid level 2500' FIH, pulled tubing to rec. gas anchor off of pump. Reran tubing & rods. Put well to pump.
1-31	NMOCC Test: Pumped 86 BNO + 31 BAW + 7 BSW in 24 hrs. GOR 109/1, Gravity 18.4° @ 60° Allow. 42 B/D TFA 42 B/D complete 1-20-66.