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Form C-105  
Revised 1-1-65

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

5a. Indicate Type of Lease  
State ☐ Federal ☒ Fee ☐

5. State Oil & Gas Lease No.  
**NM 0346362**

1a. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

7. Unit Agreement Name

2. Name of Operator  
**Sun Oil Company**

8. Farm or Lease Name  
**Woodman Federal**

3. Address of Operator  
**P. O. Box 2792, Odessa, Texas 79760**

9. Well No.  
**5**

4. Location of Well  
UNIT LETTER **A** LOCATED **660** FEET FROM THE **North** LINE AND **660** FEET FROM

10. Field and Pool, or Wildcat  
**Cato (San Andres) Ext. Undesignated**

THE **East** LINE OF SEC. **29** TWP. **8S** RGE. **30E** NMPM

12. County  
**Chaves**

15. Date Spudded **12-19-67** 16. Date T.D. Reached **12-26-67** 17. Date Compl. (Ready to Prod.) **12-31-67** 18. Elevations (DF, RKB, RT, GR, etc.) **4129 DF, 4130 RKB, 4118 GR** 19. Elev. Casinghead **4117**

20. Total Depth **3490** 21. Plug Back T.D. **-** 22. If Multiple Compl., How Many **No** 23. Intervals Drilled By **Rotary Tools** Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**3342-3444 Milnesand (San Andres)**

25. Was Directional Survey Made  
**Yes**

26. Type Electric and Other Logs Run  
**Densilog**

27. Was Well Cored  
**No**

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	20#	336	12 1/4"	225 sks Incon	None
4-1/2	9.5#	3490	7-7/8"	300 sks Incon	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	3422
						3163

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
<b>3342, 44, 46, 50, 53, 55, 61, 63, 70, 3410, 12, 15, 30, 32, 44 (15 holes)</b>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		<b>3342-3444</b>	<b>8000 gals 28% NE Hcl acid and 18 7/8" ball sealers</b>
			<b>flushed w/4000 gals treated</b>
			<b>fresh water</b>

33. PRODUCTION							
Date First Production <b>12-31-67</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Pumping - 2" x 1 1/2" Insert Pump</b>				Well Status (Prod. or Shut-in) <b>Prod.</b>	
Date of Test <b>1-11-68</b>	Hours Tested <b>24</b>	Choke Size <b>2"</b>	Prod'n. For Test Period <b>23</b>	Oil - Bbl. <b>NAG</b>	Gas - MCF <b>40</b>	Water - Bbl. <b>40</b>	Gas - Oil Ratio <b>TSTM</b>
Flow Tubing Press. <b>25#</b>	Casing Pressure <b>25#</b>	Calculated 24-Hour Rate <b>23</b>	Oil - Bbl. <b>NAG</b>	Gas - MCF <b>40</b>	Water - Bbl. <b>40</b>	Oil Gravity - API (Corr.) <b>26.8° API</b>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**Vented**

Test Witnessed By  
**C. H. Matthews**

35. List of Attachments  
**C-104, Inclination Test, Electric logs**

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 **P. B. Happel** TITLE **Area Engineer** DATE **1-12-68**

## 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 _____	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 _____	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 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
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. <b>Milnesand</b> <b>3307</b>	T. Chinle _____	T. _____
T. Penn. _____	T. <b>Cato</b> <b>3393</b>	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	300	300	Red bed				
300	2275	1975	Anhydrite				
2275	2750	475	Limestone				
2750	3301	551	Lime				
3301	3480	179	Limestone				
3480	3490	10	Dolomite				