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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 ☐ Fee ☒

5. State Oil & Gas Lease No.  
-

7. Unit Agreement Name  
-

8. Farm or Lease Name  
**Thelma Crosby C**

9. Well No.  
**1**

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

12. County  
**Chaves**

1a. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER **TA**

b. TYPE OF COMPLETION  
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER **TA**

2. Name of Operator  
**Shell Oil Company (Western Division)**

3. Address of Operator  
**P. O. Box 1509, Midland, Texas 79701**

4. Location of Well

UNIT LETTER **A** LOCATED **660** FEET FROM THE **north** LINE AND **660** FEET FROM

THE **east** LINE OF SEC. **8** TWP. **9-S** RGE. **30-E** NMPM

15. Date Spudded **3-27-68** 16. Date T.D. Reached **4-2-68** 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) **4045' DF** 19. Elev. Casinghead

20. Total Depth **3413'** 21. Plug Back T.D. **3368'** 22. If Multiple Compl., How Many 23. Intervals Drilled By **0 - 3413'** Rotary Tools Cable Tools

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

26. Type Electric and Other Logs Run **Schlumberger SNP/BSCR LL/MLL** 27. Was Well Cored **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"	24#	298'	12 1/4"	200 sacks	
4 1/2"	10.5#	3411'	7 7/8"	400 sacks	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2"	3208'
						3208'

31. Perforation Record (Interval, size and number)  
**3336', 3342', 3345', 3349', 3351', 3353', 3354', 3355', 3357' (9 holes)**  
**1-1/2" JS**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL **3336' to 3357'** AMOUNT AND KIND MATERIAL USED **2000 gallons 28% HCl + additives**  
**Squeeze cemented w/150 sacks**

33. PRODUCTION  
Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) **Shut-in**

Date of Test Hours Tested Choke Size Prod'n. For Test Period Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

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

35. List of Attachments  
**Deviation, 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.

Original Signed By  
SIGNED **J. D. DUREN J. D. Duren** TITLE **Staff Petrophysical Engineer** DATE **April 26, 1968**

# 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>890'</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>1440'</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 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>2620'</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. <u>A Zone</u> <u>3308'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>B-C Zone</u> <u>3398'</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. <u>S.A. Mkr.</u> <u>3161'</u>	T. Penn. "A" _____	T. _____

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
3334	3408		Water bearing				
CORE # 1							
3313'	3321'		Dolomite				
3321'	3329'		Limy Dolomite				
3329'	3349'		Dolomite				
CORE # 2							
3359'	3365'		Dolomite				
3365'	3401'		Dolomite				