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

Form C-103
Revised 11-78

1. Lease Type of Lease
Date ☐ ☒ ☐
2. Lease No. & Gas Lease No.

3. Unit Agreement Name

4. Farm or Lease Name

Crume

9. Well No.

#1

10. Field and Pool, or Water

Undesignated

11. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

12. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

13. Name of Operator

Energy Reserves Group, Inc.

14. Address of Operator

P. O. Drawer 2437, Midland, Texas 79702

15. Location of Well

UNIT LETTER C LOCATED 1980 FEET FROM THE West LINE AND 660 FEET FROM

THE North LINE OF SEC. 13 TWP. 6S RGE. 33E NMPN

16. Date Spudded 6/26/81 17. Date T.D. Reached 7/26/81 18. Date Compl. (Ready to Prod.) 8/12/81 19. Elevations (DF, Ebb, RT, GR, etc.) 4372.5 20. Elev. Casinghead 4368.9

21. Total Depth 7851 22. Plug Back T.D. 7820 23. If Multiple Compl., How Many No 24. Interval Drilled By → 25. Interval Tools 0-7851 26. Cable Tools →

27. Producing Interval(s), of this completion -- Top, Bottom, Name

7516'-7568' Cisco

28. Was Directional Survey Made No

29. Type Electric and Other Logs Run

Micro SFL & Neutron Density

30. Was Well Cased No

31. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>13 3/8</u>	<u>48</u>	<u>378</u>	<u>17 1/2</u>	<u>350 sx</u>	<u>None</u>
<u>8 5/8</u>	<u>32 & 24</u>	<u>3300</u>	<u>11</u>	<u>1350 sx</u>	<u>None</u>
<u>4 1/2</u>	<u>11.6 & 10.5</u>	<u>7851</u>	<u>7 7/8</u>	<u>500 sx</u>	<u>None</u>

32. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
<u>None</u>					<u>2 3/8</u>	<u>7499</u>	<u>7499</u>

33. Perforation Record (Interval, size and number)

7542-44 & 7560-67
W/1 JSPF (11 Holes)

34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>7542-67</u>	<u>3000 gal 15% DS-30 w/1000 SCF</u> <u>N2 1 bbl</u>

35. PRODUCTION

Date First Production <u>9/29/81</u>		Production Method (Flowing, gas lift, pumping -- Size and type pump) <u>Flow</u>				Well Status (Prod. or Shut-in) <u>SI</u>	
Date of Test <u>9/29/81</u>	Hours Tested <u>1</u>	Coke Size <u>1/4</u>	Prod'n. For Test Period <u>→</u>	Oil -- Bbl. <u>2/3</u>	Gas -- MCF <u>3331</u>	Water -- Bbl. <u>-0-</u>	Gas -- Oil Ratio * <u>88.71</u>
Flow Taking Press. <u>1715</u>	Casing Pressure <u>Pkr</u>	Calculated 24-Hour Rate <u>→</u>	Oil -- Bbl. <u>16</u>	Gas -- MCF <u>3331</u>	Water -- Bbl. <u>-0-</u>	Oil Gravity -- API (Corr.) <u>69.9</u>	

36. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

John West Engineering

37. List of Attachments

Logs, C-103, C-122

* Overall GOR

38. 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

R. L. Robertson

R. L. Robertson TITLE Production Engineer

DATE 10/21/81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or reopened well. It shall be accompanied by one copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including full stem tests. All depths reported shall be measured by tape. In the case of fire-shafted 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 quarterly reports except on state land, where six copies are required. See Rule 1165.

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 _____ 2015'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2657'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3075'	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____ 4425'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____ 7590'	T. Morrison _____	T. _____
T. Tubb _____ 5706'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 6456'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 7160'	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 7516'	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 7516' _____ to _____ 7568' _____	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 _____ 0 _____ to _____ 3300± _____ feet.	
No. 2, from _____ to _____ feet.	
No. 3, from _____ to _____ feet.	
No. 4, from _____ to _____ feet.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	375	375	RDBD				
375	1050	675	RDBD & GYP				
1050	2690	1640	RDBD & ANHY				
2690	3000	310	ANHY.				
3000	4303	1303	ANHY & LM				
4303	5200	897	LM				
5200	6312	1112	LM & SH				
6312	7594	1282	SH				
7594	7749	155	LM & SH				
7749	7851	102	GR WASH				

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