

Submit to Appropriate District Office  
State Lease - 6 copies

Fee Lease - 5 copies

District I

1625 N. French, Hobbs, NM 88240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

WELL API NO.

30-045-31277

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Culpepper Martin

8. Well No.

5C

9. Pool name or Wildcat

Blanco Mesaverde

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ RESVR. ☐ OTHER ☐

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address of Operator

2198 Bloomfield Highway, Farmington, NM 87401

4. Well Location

Unit Letter L : 2625 Feet From The South Line and 660 Feet From The West Line

Section 31 Township 32N Range 12W NMPM San Juan County

10. Date Spudded

03/24/03

11. Date T.D. Reached

04/01/03

12. Date Compl. (Ready to Prod.)

05/14/03

13. Elevations (DF & RKB, RT, GR, etc.)

5805' GL

14. Elev. Casinghead

15. Total Depth

5000'

16. Plug Back T.D.

4864'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Yes

Cable Tools

No

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

Point Lookout 4486' - 4762'

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

GR/Temp/HRI:GR/Spec Den Dual Spaced Neutron/CBL

22. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	233'	12-1/4"	130 sks - 153 cu.ft.	circulated
7"	23#	4158'	8-3/4"	535 sks - 937 cu.ft.	circulated

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	4008'	4911'	95 sks		2-3/8"	4736'	
			125 cu. ft.				

25. TUBING RECORD

26. Perforation record (interval, size, and number)

Lower Point Lookout Size 0.34 4634, 36, 38, 58, 60, 62, 80, 82, 84, 94, 96, 4700, 02, 10, 12, 14, 26, 28, 30, 34, 36, 40, 42, 44, 52, 54, 56, 58, 60, 62 1 JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4634' - 4762'	34692 gals 600 foam slickwater &
	60000# 20/40 sand - 52164 gals 600
4486' - 4594'	foam slickwater & 162440# 20/40 sand

28. PRODUCTION

Date First Production 05/14/03		Production Method (Flowing, gas lift, pumping - Size and type pump) flowing					Well Status (Prod. or Shut-in) SI	
Date of Test 05/21/03	Hours Tested 7 days SI	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
Flow Tubing Press. 640	Casing Pressure 640	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF 531 mcf/d	Water - Bbl.	Oil Gravity - API -(Corr.)		

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

to be sold

Test Witnessed By

30. List Attachments

31. 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

Vicki Donaghey

Printed

Vicki Donaghey

Production Assistant

05/19/03

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

### Northeastern New Mexico

T. Ojo Alamo _____ <b>60</b>	T. Penn. "B" _____
T. Kirtland-Fruitland _____ <b>231</b>	T. Penn. "C" _____
T. Pictured Cliffs _____ <b>2116</b>	T. Penn. "D" _____
T. Cliff House _____ <b>3680</b>	T. Leadville _____
T. Menefee _____ <b>3955</b>	T. Madison _____
T. Point Lookout _____ <b>4479</b>	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. Lewis _____ <b>2345</b>
T. Morrison _____	T. Huerfanito Bent. _____ <b>2827</b>
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet _____
No. 2, from _____ to _____	feet _____
No. 3, from _____ to _____	feet _____

## LITHOLOGY RECORD ( Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
4486	4594		4486,88,90,92,94,4500,02,04, 06,08,10,12,14,16,18,20,22,30 32,34,36,38,40,42,46,48,50, 52,54,56,58,60,80,82,84,86, 88,90,92,94 Size 0.34 1JSPF				
Upper							
Point							
Lookout							