

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NMSF-078244

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

6. If Indian, Allottee or Tribe Name

2. Name of Operator

Energen Resources Corporation

3. Address

2198 Bloomfield Highway, Farmington, NM 87401

3a. Phone No. (include area code)

505-325-6800

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NESW 1900' FSL, 1700' FWL

At top prod. interval reported below

At total depth

8. Lease Name and Well No.

Nye Federal 1N

9. API Well No.

30-045-31219

10. Field and Pool, or Exploratory
Blanco Mesaverde11. Sec., T., R., M., or Block and
Survey or Area
Sec. 20, T31N, R12W - N.M.P.M.

12. County or Parish

San Juan

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

6116' GL

14. Date Spudded

02/12/03

15. Date T.D. Reached

02/20/03

16. Date Completed

07/07/03

☐ D & A☒ Ready to Prod.

18. Total Depth: MD

7154'

TVD

19. Plug Back T.D.: MD

7141'

TVD

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CNL GR OTH TL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run ☒ No ☐ Yes (Submit report)Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625	32.3	0	233		150		0	
8.75	7.000	23.0	0	4388		476		0	
6.25	4.50	11.6	4220	7153		328		4220	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7053							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4814'	5080'	4814, 16, 18, 24, 26, 28,	0.34	42	
B)			30, 32, 34, 36, 48, 44, 46,			
C)			48, 56, 58, 66, 68, 74, 76,			
D)			4906, 08, 10, 12, 44, 46,			

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4814' - 5080'	68,838 gals. 60Q foam slickwater & 182,000# 20/40 sand
4474' - 4730'	55,944 gals. 60Q foam slickwater & 116,000# 20/40 sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
	07/15/03	7dy	→						flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	670	670	→		685				

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

SEP 18 2003
FARMINGTON FIELD OFFICE

NMOCD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

to be sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Point Lookout	4822	5030	(cont. from page 1) 4968, 70, 95, 97, 5014, 20, 22, 24, 26, 34, 36, 40, 42, 58, 60, 78, 5080 (total 40 holes - 1 JSPF)	Ojo Alamo	658
				Kirtland	773
				Pictured Cliffs	2503
				Mesaverde	2753
				Chacra Equivalent	3218
Menefee	4474	4730	4474, 76, 78, 80, 82, 84, 86, 4518, 20, 39, 41, 43, 54, 56, 58, 60, 4610, 12, 24, 26, 28, 30, 60, 62, 64, 66, 68, 70, 72, 74, 4716, 18, 20, 22, 24, 26, 28, 30 (total 30 holes - 1 JSPF Size: 0.34)	Cliff House	4033
				Menefee	4233
				Point Lookout	4810
				Mancos	5104
				Gallup	6120
				Greenhouse	6853
				Dakota	6908

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Vicki DonagheyTitle Production Assistant

Signature

Vicki DonagheyDate 07/23/03