Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. JIC117

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name JICARILLA APACHE

7. Unit or CA Agreement Name and No.

2. Name of Operator ENERGEN RESOURCES CORP Contact: VICKI DONAGHEY E-Mail: vdonaghe@energen.com

8. Lease Name and Well No. JICARILLA 117 E 5C

3. Address 2198 BLOOMFIELD HIGHWAY FARMINGTON, NM 87401

3a. Phone No. (include area code) Ph: 505.325.6800

9. API Well No. 30-039-30121-00-S1

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

At surface NESW 2060FSL 1950FWL 36.45594 N Lat, 107.15267 W Lon

At top prod interval reported below NESW 2060FSL 1950FWL 36.45594 N Lat, 107.15267 W Lon

At total depth NESW 2060FSL 1950FWL 36.45594 N Lat, 107.15267 W Lon

10. Field and Pool, or Exploratory BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey or Area Sec 28 T26N R3W Mer NMP

12. County or Parish RIO ARRIBA

13. State NM

14. Date Spudded 01/15/2009

15. Date T.D. Reached 01/29/2009

16. Date Completed ☐ D & A ☒ Ready to Prod. 05/08/2009

17. Elevations (DF, KB, RT, GL)* 7275 GL

18. Total Depth: MD 8100 TVD

19. Plug Back T.D.: MD 6860 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR CBL TRIPLEDENSITYNE IND. TEMP.

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H-40	32.3		260		195		0	
8.750	7.000 J-55	23.0		4233		795		1910	
6.250	4.500 J-55	11.6	4077	8090		400		0	TOC 1910'

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	6110							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MESAVERDE	6041	6120	6041 TO 6120	0.430	132	3 SPF
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
6041 TO 6120	133,391 GALS FRAC FLUID & 128,200# 20/40 SAND

RCVD JUN 3 '09
OIL CONS. DIV.
DIST. 3

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
A	05/08/2009	2	→		590.0				FLOWS FROM WELL

Choke Size	Tbg Press. Flwg. SI 180	Csg Press 625.0	24 Hr. Rate →	Oil BBL 0	Gas MCF 7080	Water BBL 0	Gas Oil Ratio	Well Status GSI

ACCEPTED FOR RECORD

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg Press. Flwg SI	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status

JUN 0 2 2009
FARMINGTON FIELD OFFICE
BY

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #70024 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	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 Corr API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

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

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
				NACIMIENTO	2410
				OJO ALAMO	3428
				FRUITLAND	3712
				KIRTLAND	3842
				PICTURED CLIFFS	3884
				LEWIS	4010
				CLIFF HOUSE SANDSTONE	5468

32. Additional remarks (include plugging procedure):
7" CASING - CBL - TOC @ 1910'

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):

Electronic Submission #70024 Verified by the BLM Well Information System.
For ENERGEN RESOURCES CORP, sent to the Rio Puerco
Committed to AFMSS for processing by JIM LOVATO on 06/02/2009 (09JXL0003SE)

Name *(please print)* CHARLIE DONAHUE Title DISTRICT ENGINEER

Signature (Electronic Submission) Date 05/18/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****