

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

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

2. Name of Operator **ENERGEN RESOURCES CORPORATION** Contact: **VICKI DONAGHEY**  
Email: **vdonaghe@energen.com**

3. Address **2010 AFTON PLACE**  
**FARMINGTON, NM 87401**

3a. Phone No. (include area code)  
Ph: **505-324-4136**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NWNE 1000FNL 1950FEL 36.56336 N Lat, 107.11172 W Lon**  
At top prod interval reported below **NWNE 1000FNL 1950FEL 36.56336 N Lat, 107.11172 W Lon**  
At total depth **NWNE 1000FNL 1950FEL 36.56336 N Lat, 107.11172 W Lon**

5. Lease Serial No.  
**JIC94**

6. If Indian, Allottee or Tribe Name  
**JICARILLA APACHE**

7. Unit or CA Agreement Name and No.  
**JICARILLA 94 4C**

8. Lease Name and Well No.  
**JICARILLA 94 4C**

9. API Well No.  
**30-039-30164-0001**

10. Field and Pool, or Exploratory  
**BLANCO MESAVERDE**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 23 T27N R03W Mer NMP**

12. County or Parish  
**RIO ARRIBA**

13. State  
**NM**

14. Date Spudded  
**12/09/2008**

15. Date T.D. Reached  
**12/21/2008**

16. Date Completed  
☐ D & A **04/30/2009** ☐ Ready to Prod.

17. Elevations (DF, KB, RT, GL)\*  
**7081' GL**

18. Total Depth: **MD 7850**  
**TVD**

19. Plug Back T.D.: **MD 6200**  
**TVD**

20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**TEMP/HRI/CNT/LDT/GR CBL**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H-40	32.0		247		175		0	
8.750	7.000 J-55	23.0		4155		1075		4975	After Squeeze
6.250	4 500 J-55	11.6		7845		400		4200	

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	6072							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
MCFEE/PICTURED CLIFFS	5573	5828	5573 TO 5828	0.430	75	3 SPF
B) POINT LOOKOUT	5906	6081	5906 TO 6081	0.430	96	3 SPF
C)						
D)						

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

Depth Interval	Amount and Type of Material
5573 TO 5828	91,322 GALS 60Q & 116,100# 20/40 SAND
5906 TO 6081	94,281 GALS 60Q & 125,000# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	05/01/2009	2	→		970.0				OTHER
Shoke Size	Thg. Press Flwg.	Crg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI 580	580.0	→						

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
			→						
Shoke Size	Thg. Press Flwg.	Crg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #70116 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

NMOCD 8/2

ACCEPTED FOR RECORD

JUN 15 2009

FARMINGTON FIELD OFFICE  
BY J. S. SWEET

## 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
			→						
Shoke Size	Thg. 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
			→						
Shoke Size	Thg. 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
				OJO ALAMO 3163' KIRTLAND	349'
				FRUITLAND	3469
				PICTURED CLIFFS	3617
				LEWIS	3950
				CLIFF HOUSE	5558
				MENEFEE	5622
				POINT LOOKOUT	5902
				MANCOS	6235

## 32. Additional remarks (include plugging procedure):

7" casing - CBL - TOC @ 1975' **Sur Face**  
 4.50" casing - CBL - TOC @ 4200'  
 new PBTD after squeeze - 6200'  
 CBL will be dropped off @ BLM

## 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 #70116 Verified by the BLM Well Information System.**  
**For ENERGEN RESOURCES CORPORATION, sent to the Rio Puerco**  
**Committed to AFMSS for processing by TROY SALYERS on 06/10/2009 ()**

Name (please print) CHARLIE DONAHUE

Title PRODUCTION ENGINEERING MANAGER

Signature (Electronic Submission)

Date 05/20/2009

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 fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***