

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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

3. Address

2010 Afton Place, Farmington, NM 87401

3a. Phone

31505-325-6800

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

At surface 1680' FSL, 955' FWL Sec. 01, T27N, R13W (L) NW/SW

At top prod. interval reported below

At total depth

14. Date Spudded

9/28/11

15. Date T.D. Reached

10/3/11

16. Date Completed

☐ D & A☒ Ready to Prod.

11/18/11

18. Total Depth: MD  
TVD

1535'

19. Plug Back T.D.: MD  
TVD

1497

20. Depth Bridge Plug Set: MD  
TVD

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

CALPER HOLE VOL/COMP DUAL NEUTRON/ARRAY IND RTAP/COMP PHOTO DENS

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
12.25"	8.625"	24#		179'		140 sks		surface	11 bbls - circ.
7.875"	5.50"	15.5#		1523'		275 sks		surface	20 bbls - circ.

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"	1399'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Fruitland Coal	850'	1335'	1298-1306, 1309-1312,	.40"	132	6 SPF
B)			1315-1326			
C)						
D)						

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

Depth Interval	Amount and Type of Material
1298-1306, 1309-1312,	54,546 gals. x/link in 70Q foam, 5000# 100 mesh, 100,000# 20/40
1315-1326	

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
	11/12/11	3	→	0	0	9			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status	
1/4 "	0 si	360 si	→						

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. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status	
			→						

RECEIVED

NOV 21 2011

5. Lease Serial No.  
T149IND8181

6. If Indian, Allottee or Tribe Name

Navaio Allotment

7. Unit or CA Agreement Name and No.

Report to Lease

8. Lease Name and Well No.

Richardson 103

9. API Well No.

30-045-35241-0051

10. Field and Pool, or Exploratory

Basin Fruitland Coal

11. Sec., T., R., M., or Block and Survey or Area

L - Sec. 01, T27N, R13W NMM

12. County or Parish

San Juan

13. State

NM

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

5838' GL

RCVD NOV 29 '11

OIL CONS. DIV.

DIST. 3

Flowing

ACCEPTED FOR RECORD

NOV 22 2011

FARMINGTON FIELD OFFICE  
BY SW

## 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. →	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. →	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
				Nacimiento	surface
				Ojo Alamo	120 MD 120 TVD
				Kirtland	220 MD 220 TVD
				Fruitland	850 MD 850 TVD
				Pictured Cliffs	1336 MD 1336 TVD

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Adam KlemTitle District Engineer

Signature


Date 11/21/11

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.