

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NOV 16 2011

5. Lease Serial No.
NMN 282771a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
OtherFarmington Field Office
Bureau of Land Management

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

Report to Lease

8. Lease Name and Well No

Carracas 8B #16H

9. API Well No.

30-039-31059-0DS1

10. Field and Pool, or Exploratory
Basin Fruitland Coal11. Sec., T., R., M., or Block and
Survey or Area

L - Sec. 09, T32N, R04W NMN

12. County or Parish

Rio Arriba

13. State

NM

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

6183' GL

2. Name of Operator

Energen Resources Corporation

3. Address

2010 Afton Place, 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 2095' FSL, 119' FWL (L) NW/SW Sec. 09-T32N-R04W

At top prod. interval reported below 458' FEL 1576' FSL (I) Sec. 8-T32N-R04W

At total depth 1409' FSL 739 FWL Sec 8 T32N R04W (L)

14. Date Spudded

9/25/11

15. Date T.D. Reached

10/18/11

16. Date Completed

☐ D & A☒ Ready to Prod.

11/15/11

18. Total Depth: MD

7692

19. Plug Back T.D.: MD

7692

20. Depth Bridge Plug Set: MD

TVD

3020

TVD

3020

TVD

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

none

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 Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
12.25"	9.625"	32.3#		210		327 sks		surface	0 bbls
8.75"	7.0"	23#		3498'		490 sks		surface	60 bbls - circ.
6.25"	4.50"	11.6#	3299'	7692'		none			

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"	3286'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3049 TVD	3052 TVD	3725-7690 MD	.50"	31720	8 spf
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3725-7690	195 bbl 15% HCL, 39 bbls 2% KCL

RCVD NOV 22 11

OIL CONS. DIV.

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
	11/15/11	2	→	0	900	25			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press. SI	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas, Oil Ratio	Well Status	
1/2"	FL 120	SI 500	→				NMOCD		

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	
			→						

ACCEPTED FOR RECORD

NOV 16 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
				San Jose Fm	surface
				Nacimiento Fm. (est)	1249 MD 1249 TVD
				Ojo Alamo Ss	2470 MD 2380 TVD
				Kirtland Sh.	2619 MD 2517 TVD
				Fruitland Fm.	3050 MD 2857 TVD
				Fruitland Coal (target)	3640 MD 3049 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) Justin AnchorsTitle District EngineerSignature Date 11/15/11

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.