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Form 160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 28 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGGEMENT
Farmington Field Office

5. Lease Serial No.
NMNM28277

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

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
CARRACAS 32B 7

3. Address
2010 AFTON PLACE
FARMINGTON, NM 87401

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

9. API Well No.
30-039-30528-00-S1

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

At surface SWNW 1630FNL 715FWL 36 94604 N Lat, 107.28454 W Lon

At top prod interval reported below SENW 1649FNL 1623FWL

At total depth SENE 1724FNL 111FEL

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., or Block and Survey
or Area Sec 32 T32N R4W Mer NMP

12. County or Parish
RIO ARRIBA

13. State
NM

14. Date Spudded
08/12/2009

15. Date T.D. Reached
~~09/22/2009~~
8/31/09

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/22/2009

17. Elevations (DF, KB, RT, GL)*
7196 GL

18. Total Depth: MD 8019
TVD 3966

19. Plug Back T.D.: MD 8019
TVD 3966

20. Depth Bridge Plug Set: MD
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 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	32.3		229		125		0	
8.750	7.000	23.0		4544		745		0	
6.250	4.500	11.6	4506	8019		0			

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	4278							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) FRUITLAND COAL	4550	7975	4550 TO 7975	0.500	27402	8 SPF (PRE-PERF LINER)
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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	09/23/2009	2	→		750.0				OTHER
Choke Size	Thg. Press Flwg SI	Org. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	350	1300.0	→	0	9000	0		DSI	

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	Thg. Press Flwg SI	Org. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #74831 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMCCD by

ACCEPTED FOR RECORD
SEP 28 2009
FARMINGTON FIELD OFFICE
BY J. Salazar

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	Ckg. 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	Ckg. 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)
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
				OJO ALAMO	218
				KIRTLAND	3345
				FRUITLAND	3889
				FRUITLAND COAL	4358

32. Additional remarks (include plugging procedure):

Directional survey will be e-mailed to Troy Salyers @ BLM - Farmington. ✓

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 #74831 Verified by the BLM Well Information System.
For ENERGEN RESOURCES CORPORATION, sent to the Farmington
Committed to AFMSS for processing by TROY SALYERS on 09/28/2009 (09TLS0059SE)

Name (please print) VICKI DONAGHEY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/28/2009

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

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