

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Bureau of Land Management
Farmington Field Office

Lease Serial No.

MSF 079616

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr,
Other Plug back Dakota & add PC

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

2. Name of Operator

Energizer Resources Corporation

8. Lease Name and Well No.

McCroden #4

3. Address

2010 Afton Place, Farmington, NM 87401

3a. Phone No. (include area code)

505.325.6800

9 API Well No.

30-039-23295

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

At surface 1850' FSL, 1800' FWL (K) NE/SW

10. Field and Pool, or Exploratory

Tapicito Pictured Cliffs

At top prod. interval reported below

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

K - Sec. 03, T25N, R03W NMEM

At total depth

12. County or Parish

Rio Arriba

13. State

NM

14. Date Spudded

09/21/83

15. Date T D Reached

10/13/83

16. Date Completed

☐ D & A☒ Ready to Prod02/20/09

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

7303' GL

18 Total Depth MD

8370'

TVD

19. Plug Back T D.: MD

4050'

TVD

20. Depth Bridge Plug Set. MD

TVD

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

22 Was well cored?

☒ No☐ Yes (Submit analysis)

Was DST run

☒ No☐ Yes (Submit report)

Directional Survey?

☒ No☐ Yes (Submit copy)CBL, CNL, I-SFL

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
<u>12.25</u>	<u>8.625</u>	<u>24</u>		<u>282'</u>					<u>325 cu.ft. - circ</u>
<u>7.0 3/4</u>	<u>4.50</u>	<u>11.6</u>		<u>8369'</u>					<u>2571 cu.ft. - circ</u>

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
<u>2.375"</u>	<u>3892'</u>							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) <u>Pictured Cliffs</u>	<u>3856'</u>	<u>3882'</u>		<u>0.43"</u>	<u>52</u>	<u>2 spf</u>
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
<u>3856' - 3882'</u>	<u>12,504 gals. 70Q Delta foam and 52,500# 20/40 sand</u>

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
	<u>02/20/09</u>		<u>→</u>		<u>10</u>				
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	<u>40</u>	<u>140</u>	<u>→</u>						

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
			<u>→</u>						
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			<u>→</u>						

(See instructions and spaces for additional data on page 2)

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FARMINGTON FIELD OFFICE

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
				Ojo Alamo	3501'
				Kirtland	3617'
				Pictured Cliffs	3856'
				Lewis	
				Cliffhouse	
				Point Lookout	
				Mancos	
				Gallup	
				Graneros	
				Dakota	

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) Vicki DonagheyTitle Regulatory AnalystSignature Vicki DonagheyDate 03/05/09

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.