

Form 31 (August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Amended

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED  
Bureau of Land Management  
Farmington, NM 87401  
SEP 11 2011

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

Energizer 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 990' FSL 820' FWL (M) SW/SW Sec 21 T32N R04W

At top prod. interval reported below 770' FSL 693' FEL (P) SE/SE Sec 20 T32N R04W

At total depth 708' FSL 503' FWL (M) Sec 20 T32N R04W

14. Date Spudded

5/17/11

15. Date T.D. Reached

6/9/11

16. Date Completed

☐ D & A ☒ Ready to Prod.  
9/9/11

18. Total Depth: MD

9100'

TVD

4128'

19. Plug Back T.D.: MD

8999'

TVD

4129'

20. Depth Bridge Plug Set: MD

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 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#		233'		110 sks		surface	6 bbls - circ.
8.75"	7"	23#		5042'		840 sks		surface	160 bbls - circ.
6.25"	4.50"	11.6#	4965'	9099'		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"	4865'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <u>Fruitland Coal</u>	<u>4916'</u>		<u>5091' - 9055'</u>	<u>.50"</u>	<u>31,712</u>	<u>8 spf</u>
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
<u>9083' 7945' 6808' 5670'</u>	<u>spot acid with 156 Bbls 15% HCL</u>

RCVD SEP 15 '11

Oil Cons. Div.

DIST. 3

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>9/9/11</u>	<u>24</u>	<u>→</u>	<u>0</u>	<u>400</u>	<u>30</u>			<u>flowing</u>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	<u>SI 1000</u>	<u>SI 1100</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. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	<u>SI</u>		<u>→</u>						

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

NMOC

FARMINGTON FIELD OFFICE  
BY SC

## 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)	2430'
				Ojo Alamo Ss.	3631'
				Kirtland Sh.	3803'
				Fruitland Fm.	4413'
				Fruitland Coal	4916'

32. Additional remarks (include plugging procedure):

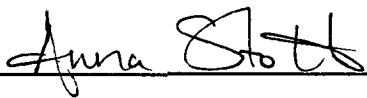
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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) Anna StottsTitle Regulatory Analyst

Signature

Date 9/14/11

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG SEP 12 2011

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		Farmington Field Office							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Other		17. Unit for CA Agreement Name and No. Report to Lease							
2. Name of Operator Energen Resources Corporation		8. Lease Name and Well No. Arboles 20A #10							
3. Address 2010 Afton Place, Farmington, NM 87401		9. API Well No. 30-039-30291-0051							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 990' FSL 820' FWL (M) SW/SW Sec 21 T32N R04W At top prod. interval reported below 770' FSL 693' FEL (P) SE/SE Sec 20 T32N R04W At total depth 708' FSL 503' FWL (M) Sec 20 T32N R04W		10. Field and Pool, or Exploratory Basin Fruitland Coal 11. Sec., T., R., M., or Block and Survey or Area M - Sec. 21 T32N R04W NMM 12. County or Parish Rio Arriba 13. State NM							
14. Date Spudded 5/17/11	15. Date T.D. Reached 6/9/11	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 9/9/11	17. Elevations (DF, RKB, RT, GL)* 7396' GL						
18. Total Depth: MD TVD 9100' 4128'	19. Plug Back T.D.: MD TVD 8999' 4129'	20. Depth Bridge Plug Set: MD TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) none		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
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B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
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2186'									
28. Production - Interval A									
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	9/9/11	24	→	0	400	30			flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	SI 1000	SI 1100	→						
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	
	SI		→						

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

NMOCD A

ACCEPTED FOR RECORD

SEP 13 2011

FARMINGTON FIELD OFFICE

BY [Signature]

## 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.*)

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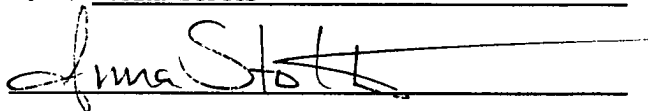
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 ☐ Other:

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) Anna StottsTitle Regulatory Analyst

Signature


Date 9/12/11

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