

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**CONFIDENTIAL**  
FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. <b>NMM18463</b>			
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"/> Diff.Resvr., Other _____										6. If Indian, Allottee or Tribe Name			
2. Name of Operator <b>ENERGEN RESOURCES</b>										7. Unit or CA Agreement Name and No.			
3. Address <b>2010 Afton Place, Farmington, NM 87401</b>						3a. Phone No. (include area code) <b>505-325-6800</b>				8. Lease Name and Well No. <b>Chaco 23-08-3 #1H</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>2013' FNL, 186' FEL Sec. 3 T23N 08W (H) SE/NE</b>  At top prod. interval reported below <b>378' FNL, 474' FEL, Sec. 3, T23N R08W</b>  At total depth <b>411' FNL, 249' FWL Sec. 3 T23N 08W (D) NW/NW</b>										9. API Well No. <b>30-045-35647</b>			
14. Date Spudded <b>11/08/15</b>										15. Date T.D. Reached <b>12/7/15</b>		10. Field and Pool, or Exploratory <b>Basin Mancos</b>	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>01/13/16</b>										11. Sec., T., R., M., or Block and Survey or Area <b>Sec. 3, T23N, R08W - N.M. P.M.</b>			
17. Elevations (DF, RKB, RT, GL)* <b>6912.3' GL</b>										12. County or Parish <b>San Juan</b>			
18. Total Depth: MD <b>10768'</b> TVD <b>5380'</b>										13. State <b>NM</b>			
19. Plug Back T.D.: MD <b>10709'</b> TVD <b>5383'</b>										20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)										22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input 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				
12.25"	9.625"	36#		334'		190 sx			18 bbls				
8.75"	7.0"	26#		6408'		860 sx			90 bbls				
6.125"	4.5"	11.6#	6117'	10760'		515 sx		6117'	45 bbls				
24. Tubing Record													
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)					
2.875"	6331'	6070'											
25. Producing Intervals													
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status					
A) Ben Mancos/Niobrara C		5761'		6178.5'-10,665' MD									
B)				See Attachment									
C)													
D)													
26. Perforation Record													
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.													
Depth Interval		Amount and Type of Material											
6178.5'-10,665' MD		See Attached											
OIL CONS. DIV DIST. 3													
JAN 25 2016													
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				
01/15/16	01/15/16	24	→	1007	612	307			Flowing				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
48/64"	400#	680#	→										
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.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
			→										

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

NMOCDV

ACCEPTED FOR RECORD

JAN 22 2016

FARMINGTON FIELD OFFICE  
BY: William Tambekou

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	1078' MD
				Kirkland	1202' MC
				Fruitland EM	1356' MD
				Pictured Cliffs	1796' MD
				Lewis	1913' MD
				Chacra	2747' MD
				Huerfanito Bentonite	2189' MD
				Cliff House	3595' MD
				Manefee	3648' MD
				Point Lookout	4556' MD
				Mancos Shale	5008' MD
				El Vado SS	5128' MD
				Niobrara A	5470' MD
				Niobrara B	5642' MD

32. Additional remarks (include plugging procedure):

Niobrara C 5761' MD

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 Stotts

Title Regulatory Analyst

Signature 

Date 1/19/16

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.



**OIL CONS. DIV DIST. 3**

Energen Resources  
Chaco 23-08 03 #1H  
30-045-35647

**JAN 25 2016**

#26 Perforation Record	#27 Depth Interval	Amount & Kind Material Used
10,663' - 10,665' (RSI tool)	10,663' - 10,665' MD	138,700# of 20/40 sand
10,426.5' - 10,605' MD, 0.41" HD, 6 spf, 36 holes	10,426.5' - 10,605' MD	214,100# of 20/40 sand
10,190.5' - 10,369' MD, 0.41" HD, 6 spf, 27 holes	10,190.5' - 10,369' MD	197,900# of 20/40 sand
9954.5' - 10,133' MD, 0.41" HD, 6 spf, 36 holes	9954.5' - 10,133' MD	223,000# of 20/40 sand
9718.5' - 9897' MD, 0.41" HD, 6 spf, 36 holes	9718.5' - 9897' MD	230,000# of 20/40 sand
9482.5' - 9661' MD, 0.41" HD, 6 spf, 36 holes	9482.5' - 9661' MD	231,500# of 20/40 sand
9246.5' - 9425' MD, 0.41" HD, 6 spf, 36 holes	9246.5' - 9425' MD	230,000# of 20/40 sand
9010.5' - 9189' MD, 0.41" HD, 6 spf, 36 holes	9010.5' - 9189' MD	231,100# of 20/40 sand
8774.5' - 8953' MD, 0.41" HD, 6 spf, 36 holes	8774.5' - 8953' MD	230,700# of 20/40 sand
8538.5' - 8717' MD, 0.41" HD, 6 spf, 36 holes	8538.5' - 8717' MD	232,200# of 20/40 sand
8302.5' - 8481' MD, 0.41" HD, 6 spf, 36 holes	8302.5' - 8481' MD	230,300# of 20/40 sand
8066.5' - 8245' MD, 0.41 HD, 6 spf, 36 holes	8066.5' - 8245' MD	226,600# of 20/40 sand
7830.5' - 8009' MD, 0.41" HD, 6 spf, 36 holes	7830.5' - 8009' MD	230,300# of 20/40 sand
7594.5' - 7773' MD, 0.41 HD, 6 spf, 36 holes	7594.5' - 7773' MD	230,400# of 20/40 sand
7358.5' - 7537' MD, 0.41 HD, 6 spf, 36 holes	7358.5' - 7537' MD	230,200# of 20/40 sand.
7122.5' - 7301' MD, 0.41 HD, 6 spf, 36 holes	7122.5' - 7301' MD	230,600# of 20/40 sand
6886.5' - 7065' MD, 0.41 HD, 6 spf, 36 holes	6886.5' - 7065' MD	230,200# of 20/40 sand
6650.5' to 6829' MD, 0.41" HD, 6 spf, 36 holes	6650.5' to 6829' MD	230,300# of 20/40 sand
6414.5' - 6593' MD, 0.41" HD, 6 spf, 36 holes	6414.5' - 6593' MD	252,000# of 20/40 sand
6178.5' - 6357' MD, 0.41" HD, 6 spf, 36 holes	6178.5' - 6357' MD	263,880# of 20/40 sand