

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
TIGHT SEAL

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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
ENERGEN RESOURCES

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 **2013' ENL, 186' FEL Sec. 3 T23N 08W (H) SE/NE**
At top prod. interval reported below **378' ENL, 474' FEL, Sec. 3, T23N R08W**
At total depth **411' ENL, 249' FWL Sec. 3 T23N 08W (D) NW/NW**

5. Lease Serial No.
NMM18463

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Chaco 23-08-3 #1H

9. API Well No.
30-045-35647

10. Field and Pool, or Exploratory
Basin Mancos

11. Sec., T., R., M., or Block and Survey or Area
Sec. 3, T23N, R08W - N.M. P.M.

12. County or Parish **San Juan** 13. State **NM**

14. Date Spudded **11/08/15** 15. Date T.D. Reached **12/7/15** 16. Date Completed **01/13/16**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6912.3' GL

18. Total Depth: MD **10768'** TVD **5380'** 19. Plug Back T.D.: MD **10709'** TVD **5383'** 20. Depth Bridge Plug Set: MD **10709'** TVD **5383'**

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)

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) Bsn Mancos/NiobraraC	5761'		6178.5'-10,665' MD			
B)			See Attachment			
C)						
D)						

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
			→						JAN 22 2016
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						FARMINGTON FIELD OFFICE BY: William Tambekou

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

NMOCDA

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

JAN 25 2016

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

#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