

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
TIGHT HOLE
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 **2057' ENL, 187' FEL Sec. 3 T23N R08W (H) SE/NE**

At top prod. interval reported below **2238' ENL 549' FEL Sec 3 T23N R08W**

At total depth **2260' ENL, 230' FWL Sec. 3 T23N R08W (E) SW/NW**

14. Date Spudded

11/02/15

15. Date T.D. Reached

11/30/15

16. Date Completed

☐ D & A ☒ Ready to Prod.
1/13/16

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 #2H

9. API Well No.

30-045-35646

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

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

6911' GL

18. Total Depth: MD

10310'

TVD

5350'

19. Plug Back T.D.: MD

10249'

TVD

5351'

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)

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"	36#		337'		190 sx			18 bbls
8.75"	7.0"	26#		5925'		815 sx			65 bbls
6.125"	4.5"	11.6#	5697'	10300'		495 sx		5697'	17 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)
2.315" / 2.875"	5902' MD	5674'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bsn Mancos/NiobraraC	5402'		5794'-10205' MD			
B)			See Attachment			
C)						
D)						

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

Depth Interval	Amount and Type of Material
5794'-10205' 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
1/13/16	1/13/16	24	→	945	1475	361			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64"	500#	620#	→						

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	
			→						

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	1043' MD
				Kirkland	1161' MD
				Fruitland FM	1320' MD
				Pictured Cliffs	1760' MD
				Lewis	1857' MD
				Chacra	2527' MD
				Huerfanito Bentonite	2074' MD
				Cliff House	3240' MD
				Menefee	3289' MD
				Point Lookout	4157' MD
				Mancos Shale	4590' MD
				El Vado SS	4713' MD
				Niobrara A	5059' MD
				Niobrara B	5247' MD

32. Additional remarks (include plugging procedure):

Niobrara C 5402' 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 Anna Stotts

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 #2H
30-045-35646

JAN 25 2016

#26 Perforation Record	#27 Depth Interval	Amount & Kind Material Used
10203'-10205' (RSI tool)	10203'-10205' MD	104000# of 20/40 sand
9969.5' - 10145' MD, .41" HD, 6 spf, 36 holes	9969.5' - 10145' MD	197500# of 20/40 sand
9737.5'-9913' MD, .41" HD, 6 spf, 36 holes	9737.5'-9913' MD	200500# of 20/40 sand
9505.5'-9681' MD, .41" HD, 6 spf, 36 holes	9505.5'-9681' MD	200260# of 20/40 sand
9272.5'-9449' MD, .41" HD, 6 spf, 36 holes	9272.5'-9449' MD	237100# of 20/40 sand
9041.5'-9217' MD, .41" HD, 6 spf, 36 holes	9041.5'-9217' MD	225000# of 20/40 sand
8811.5'-8986' MD, .41" HD, 6 spf, 36 holes	8811.5'-8986' MD	233900# of 20/40 sand
8577.5'-8753' MD, .41" HD, 6 spf, 36 holes	8577.5'-8753' MD	230400# of 20/40 sand
8345.5'-8521' MD, .41" HD, 6 spf, 36 holes	8345.5'-8521' MD	230300# of 20/40 sand
8113.5'-8289' MD, .41" HD, 6 spf, 36 hole	8113.5'-8289' MD	230700# of 20/40 sand
7884.5'-8057' MD, .41" HD, 6 spf, 36 holes	7884.5'-8057' MD	230100# of 20/40 sand
7649.5'-7825' MD, .41" HD, 6 spf, 36 holes	7649.5'-7825' MD	231301# of 20/40 sand
7417.5'-7593' MD, .41" HD, 6 spf, 36 holes	7417.5'-7593' MD	208500# of 20/40 sand
7182.5'-7361' MD, .41" HD, 6 spf, 36 holes	7182.5'-7361' MD	230300# of 20/40 sand
6953.5'-7129' MD, .41" HD, 6 spf, 36 holes	6953.5'-7129' MD	230300# of 20/40 sand.
6721.5'-6897' MD, .41" HD, 6 spf, 36 holes	6721.5'-6897' MD	230200# of 20/40 sand
6489.5'-6665' MD, .41" HD, 6 spf, 36 holes	6489.5'-6665' MD	230200# of 20/40 sand
6257.5'-6436' MD, .41" HD, 6 spf, 36 holes	6257.5'-6436' MD	233100# of 20/40 sand
6025.5'-6201' MD, .41" HD, 6 spf, 36 holes	6025.5'-6201' MD	233100# of 20/40 sand
5794'-5969' MD, .41" HD, 6 spf, 36 holes	5794'-5969' MD	233020# of 20/40 sand