

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
TIGHT HOLE

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NNM18463
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 2010 Afton Place, Farmington, NM 87401	3b. Phone No. (include area code) 505-325-6800	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2057' FNL 187' FEL, Sec 3 T23N R08W (H) SE/NE 2260' FNL 230' FWL, Sec 3 T23N R08W (E) SW/NW		8. Well Name and No. Chaco 23-08 3 #2H
		9. API Well No. 30-045-35646
		10. Field and Pool, or Exploratory Area Basin Mancos
		11. County or Parish, State San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Completion</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporary Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please see the attached completion work performed on the subject well.

OIL CONS. DIV DIST. 3

JAN 25 2016

ACCEPTED FOR RECORD

JAN 22 2016

FARMINGTON FIELD OFFICE
BY: *William Tambekou*

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Anna Stotts	Title Regulatory Analyst
Signature <i>Anna Stotts</i>	Date 1/19/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

Energen Resources
Chaco 23-08 3#2H
30-045-35646

- 12/22/15 MIRU. NU BOP. PT BOP 250# low & 1000# high, good test.
- 12/23/15 RIH w 127 jts of 4.50" tie back, 11.6#, P-110 to 5697' (TOL). Set back pressure valve in WH. PT secondary seal w/7" void. Test to 5000#, good test. ND BOP. NU Frac valve. PT 4.50" to 9000#, 15 min, good test.
- 12/24-27 Prepare for frac job.
- 12/28/15 1st Stage: 10203'-10205' MD (RSI tool). Frac w/104000# of 20/40 sand.
2nd Stage: Set composite frac plug, set @ 10175' MD. Perf from 9969.5' - 10145' MD, .41" HD, 6 spf, 36 holes. Frac w/197500# of 20/40 sand.
3rd Stage: Set cfp @ 9942' MD. Perf from 9737.5'-9913' MD, .41" HD, 6 spf, 36 holes. Frac w/200500# of 20/40 sand.
4th Stage: Set cfp @ 9710' MD. Perf from 9505.5'-9681' MD, .41" HD, 6 spf, 36 holes.
- 12/29/15 Frac w/200260# of 20/40 sand.
5th Stage: Set cfp @ 9478' MD, Perf from 9272.5'-9449' MD, .41" HD, 6 spf, 36 holes. Frac w/237100# of 20/40 sand.
6th Stage: Set cfp @ 9250' MD. Perf from 9041.5'-9217' MD, .41" HD, 6 spf, 36 holes. Frac w/225000# of 20/40 sand.
7th Stage: Set cfp @ 9014' MD. Perf from 8811.5'-8986' MD, .41" HD, 6 spf, 36 holes. Frac w/233900# of 20/40 sand.
8th Stage: Set cfp @ 8782' MD. Perf from 8577.5'-8753' MD, .41" HD, 6 spf, 36 holes. Frac w/230400# of 20/40 sand.
9th Stage: Set cfp @ 8550' MD. Perf from 8345.5'-8521' MD, .41" HD, 6 spf, 36 holes. Frac w/230300# of 20/40 sand.
10th Stage: Set cfp @ 8318' MD. Perf from 8113.5'-8289' MD, .41" HD, 6 spf, 36 holes. Frac w/230700# of 20/40 sand.
11th Stage: Set cfp @ 8086' MD. Perf from 7884.5'-8057' MD, .41" HD, 6 spf, 36 holes.
- 12/30/15 Frac w/230100# of 20/40 sand.
12th Stage: Set cfp @ 7854' MD. Perf from 7649.5'-7825' MD, .41" HD, 6 spf, 36 holes. Frac w/231301# of 20/40 sand.
13th Stage: Set cfp @ 7620' MD. Perf from 7417.5'-7593' MD, .41" HD, 6 spf, 36 holes. Frac w/208500# of 20/40 sand.
14th Stage: Set cfp @ 7390' MD. Perf from 7182.5'-7361' MD, .41" HD, 6 spf, 36 holes. Frac w/230300# of 20/40 sand.
15th Stage: Set cfp @ 7158' MD. Perf from 6953.5'-7129' MD, .41" HD, 6 spf, 36 holes. Frac w/230300# of 20/40 sand.
16th Stage: Set cfp @ 6930' MD. Perf from 6721.5'-6897' MD, .41" HD, 6 spf, 36 holes. Frac w/230200# of 20/40 sand.
17th Stage: Set cfp @ 6694' MD. Perf from 6489.5'-6665' MD, .41" HD, 6 spf, 36 holes. Frac w/230200# of 20/40 sand.
18th Stage: Set cfp @ 6462' MD. Perf from 6257.5'-6436' MD, .41" HD, 6 spf, 36 holes.
- 12/31/15 Frac w/233100# of 20/40 sand.
19th Stage: Set cfp @ 6230' MD. Perf from 6025.5'-6201' MD, .41" HD, 6 spf, 36 holes. Frac w/233100# of 20/40 sand.
20th Stage: Set cfp @ 5998' MD. Perf from 5794'-5969' MD, .41" HD, 6 spf, 36 holes. Frac w/233020# of 20/40 sand.
- 01/01/16 RIH w/CBP, set @ 4700' MD. SI well.
- 01/04/16 ND frac stack. NU BOP. PT BOP 250# low & 3000# high, good test.
- 01/05-06 TIH, mill CBP, all cfp's from 5998'-10175'. Clean out well to 10195'.
2016
- 01/07/16 TOOH w/4.50" tieback. RIH w/production tubing as follows: 32 jts of 2.875", 6.5#, J-55 tbg, gas lift valve #9 set @ 1066', 20 jts 2.875", 6.5#, J-55, GLV #8 set @ 1730', 18 jts 2.875", 6.5#, J-55, GLV #7 set @ 2328', 17 jts 2.875", 6.5#, J-55, GLV #6 set @ 2893', 15 jts 2.875", 6.5#, J-55, GLV #5 set @ 3393', 15 jts 2.875", 6.5#, J-55, GLV #4 set @ 3892', 15 jts 2.875", 6.5#, J-55, GLV #3 set @ 4392', 15 jts 2.875", 6.5#, J-55, GLV #2 set @ 4891', 11 jts 2.875", 6.5#, J-55, x-nipple, GLV #1 @ 5623', 33' 2.875", 6.5#, J-55; 4.2' .875", 6.5#, J-55 PUP; on/off tool @ 5664'; AS1-x carbide pkr @ 5674', x-over @ 5673', 7 jts 2.375", 4.7#, J-55, end of tubing @ 5902'. Release rig on 1/7/16.