

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCONFIDENTIAL  
TIGHT HOLE  
RECEIVEDFORM 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.

JAN 06 2016

SUBMIT IN TRIPLICATE - Other instructions on page 2

Farmington Field Office  
Bureau of Land Management

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>NMSF077972</b>
2. Name of Operator <b>Energen Resources Corporation</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>2010 Afton Place, Farmington, NM 87401</b>	3b. Phone No. (include area code) <b>(505) 325-6800</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SHL - 1282' FSL 1382' FWL Sec. 11 T27N R13W (N) SE/SW</b> <b>BHL - 382' FSL 255' FWL Sec. 10 T27N R13W (M) SW/SW</b>		8. Well Name and No. <b>Richardson Navajo 27-13-10 #4H</b>
		9. API Well No. <b>30-045-35242</b>
		10. Field and Pool, or Exploratory Area <b>Basin Mancos</b>
		11. County or Parish, State <b>San Juan NM</b>

## 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"/> Temporarily Abandon	<b>2.875" Production</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>Tbg</b>

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 recompleat 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 recompleat 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 attached...

ACCEPTED FOR RECORD

JAN 07 2016

FARMINGTON FIELD OFFICE

BY: *S. Madam*

OIL CONS. DIV DIST. 3

JAN 26 2016

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Theresa McAndrews

Title Production Supervisor

Signature

*Theresa McAndrews*

Date

1/6/16

## 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.

NMOCD

RV

RV

2

12/22/15: MIRU. 12/23/15: TOH LD 2.375", 4.7#, L-80 tbg and pkr @ 6063'. TOH LD 4.5", 11.6#, P-110 tie back. Prepare to install gas lift. 12/24/15: TIH with tbg as follows:

33 jts 2.875", 6.5#, J-55 tbg, GLV #9 @ 1110'

22 jts 2.875", 6.5#, J-55 tbg, GLV #8 @ 1839'

17 jts 2.875", 6.5#, J-55 tbg, GLV #7 @ 2404'

15 jts 2.875", 6.5#, J-55 tbg, GLV #6 @ 2902'

15 jts 2.875", 6.5#, J-55 tbg, GLV #5 @ 3401'

15 jts 2.875", 6.5#, J-55 tbg, GLV #4 @ 3899'

18 jts 2.875", 6.5#, J-55 tbg, GLV #3 @ 4497'

23 jts 2.875", 6.5#, J-55 tbg, GLV #2 @ 5260'

15 jts 2.875", 6.5#, J-55 tbg, x-nipple @ 5752', 7 jts 2.875", 6.5#, J-55 tbg, GLV #1 @ 5987'

1 jt 2.875", 6.5#, J-55 tbg, 2.875" pup jt, on/off tool @ 6026', 2.875" AS1-X 7" pkr @ 6033',

Cross over 2.875" to 2.375" @ 6034', 7 jts 2.375", 4.7#, J-55 tbg, 2.375" half mule shoe, actual end of tbg @ 6262'.

Total 181 jts 2.875", 6.5#, J-55 tbg. Total 7 jts 2.375", 4.7#, J-55 tbg.

12/24/15: RDMO