

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED

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.

AUG 28 2014

5- Lease Serial No.

NMM-09840

6. If Indian, Allottee or Tribe Name

Farmington Field Office

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3a. Address

2010 Afton Place, Farmington, NM, 87401

3b. Phone No. (include area code)

505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FSL, 1800' FWL, Sec. 25, T:26N, 09W. (K)

8. Well Name and No.

McConnell 8

9. API Well No.

03-045-26522

10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs

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 checked="" 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 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily 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 recomplate 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 recomplate 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.)

Energen Resources plans to plug and abandon the McConnell #8 per the attached downhole and reclamation procedures.

This will be a closed loop operation. NMOCD will be notified 24 hrs prior to commencing operation.

RCVD SEP 4 '14
OIL CONS. DIV.

Notify NMOCD 24 hrs
prior to beginning
operations

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

DIST 3
BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Kyle Mason

Title District Engineer

Signature

Date 8/26/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy Salvors

Title Petroleum Eng.

Date 9/2/2014

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 FFO

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

PLUG AND ABANDONMENT PROCEDURE

May 20, 2013

McConnell #8

Ballard Pictured Cliffs

1800' FSL and 1800' FWL, Section 25, T26N, R9W
San Juan County, New Mexico / API 30-045-26522

Lat: N _____ / Lat: W _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Comply with all NMOCD, BLM and Energen safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. NU BOP and test.
 2. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
 3. Open bradenhead valve. Establish rate down 2.875" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow out the BH valve, then pump 20 - 7/8" RCN balls in additional water and monitor pressure and rate while pumping. Confirm that the perforations are taking water and there is not a casing leak. If the bradenhead flows water or there are other indications of a casing leak, then move rig on location and use 1/4" IJ tubing to plug the well.
 4. Rods: Yes _____, No , Unknown _____;
Tubing: Yes _____, No , Unknown _____, Size _____, Length _____;
Packer: Yes _____, No , Unknown _____, Type _____.
- See COA**
6. **Plug #1 (Fruitland interval, Kirtland, Ojo Alamo tops, 2101' – 1118')**: Establish rate into Fruitland perforations with water. Mix and pump total 38 sxs cement (long plug, 40% excess) and bullhead the down 2.875" casing: first pump 10 sxs cement, then drop 20 RCN balls, then pump 28 sxs cement and displace 1 bbl. Shut in well. WOC. Tag cement.
 7. **Plug #2 (8.625" casing shoe, surface, 189' – 0')**: Perforate 2 squeeze holes at 189'. Establish rate into squeeze holes if the casing pressure tested. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 70 sxs cement and pump down the 2.875" casing to circulate good cement out bradenhead. Shut in well and WOC.
 8. ND cementing valves and cut off wellhead. Fill 2.875" casing with cement as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

McConnell #8

Current

Ballard Pictured Cliffs

1800' FSL & 1800' FWL, Section 25, T-26-N, R-9-W, San Juan County, NM

Lat: N _____ / Long: W _____ / API #30-045-26522

Today's Date: 5/20/13
Spud: 9/14/85
Completed: 11/8/85
Elevation: 6357' GI

12.25" hole

8-5/8" 24#, K-55 Casing set @ 139'
Cmt with 106 cf (Circulated to Surface)

TOC at 375' (T.S.)

Ojo Alamo @ 1168'

Kirtland @ 1272'

Fruitland @ 1740'

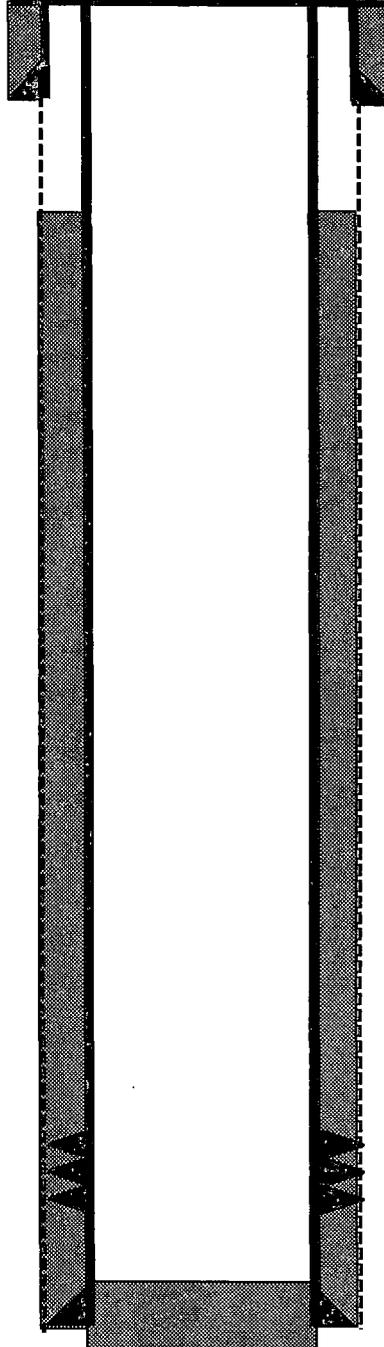
Pictured Cliffs @ 1964'

Pictured Cliffs Perforations:
1976' - 2051'

6-3/4" Hole

2-7/8" 6.4#, J-55 Casing set @ 2123'
Cement with 530 cf

TD 2125'
PBTD 2113'



McConnell #8

Proposed P&A

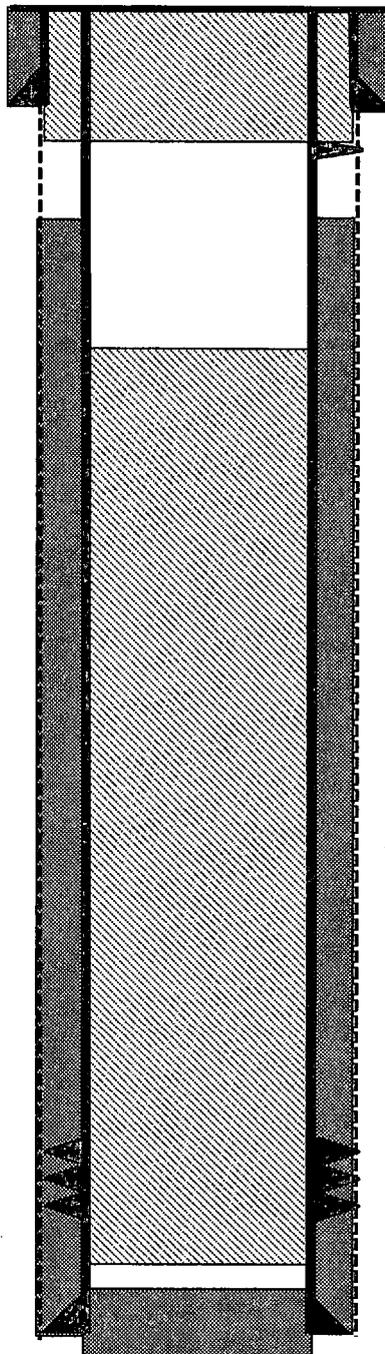
Ballard Pictured Cliffs

1800' FSL & 1800' FWL, Section 25, T-26-N, R-9-W, San Juan County, NM

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Today's Date: 5/20/13
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12.25" hole



8-5/8" 24#, K-55 Casing set @ 139'
Cmt with 106 cf (Circulated to Surface)

Plug #2: 189' - 0'
Class B cement, 70 sxs

TOC at 375' (T.S.)

Plug #1: 2101' - 1118'
Class B cement, 38 sxs
(long plug, 40% excess)

Ojo Alamo @ 1168'

Kirtland @ 1272'

Fruitland @ 1740'

Pictured Cliffs @ 1964'

Pictured Cliffs Perforations:
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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: McConnell #8

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of plug #1 to 1036 ft. to cover the Ojo Alamo top. Adjust cement volume accordingly.

Operator must run a CBL from 2101 ft., or as deep as possible, to verify cement top. Outside plugs may be revised, based on CBL result. Submit electronic copy of the log for verification to the following BLM address: tsalyers@blm.gov

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.