

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS

JAN 21 2014

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

Farmington Field Office

SUBMIT IN TRIPLICATE - Other instructions on page 2

| | | |
|--|---|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. SF-077972 |
| 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) 833' ENL, 2142' FEL Sec. 03, T27N, R13W (B) NW/NE | | 8. Well Name and No. Richardson #7 |
| | | 9. API Well No. 30-045-26082 |
| | | 10. Field and Pool, or Exploratory Area Basin Dakota/Fruitland Coal |
| | | 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 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.)

Energen Resources plans to plug and abandon the Richardson #7 according to the attached procedure.

This will be a closed loop operation.

RCVD JAN 24 '14
OIL CONS. DIV.
DIST. 3

Notify NMOCD 24 hrs
prior to beginning
operations

| | | |
|--|--|----------------------------|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Collin Placke | | Title District Engineer |
| Signature Collin Placke | | Date 01/20/14 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--------|---------------------|
| Approved by Original Signed: Stephen Mason | Title | Date JAN 23 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 | |

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

December 18, 2013

Richardson #7

Basin Dakota / Fruitland Coal

833' FNL, 2142' FEL, Section 03, T27N, R13W, San Juan County, New Mexico

API 30-045-26082 / Long _____ / Lat: _____

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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes___, No X, Unknown____.
Tubing: Yes___, No X, Unknown____, Size____, Length____.
Packer: Yes___, No X, Unknown____, Type_____.
3. **Plug #1 (Pictured Cliffs and Fruitland Intervals, 1404' – 1105')**: PUH tubing workstring and trip in hole. Tag existing CIBP at 1404'. Pressure test tubing to 1000#. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plug as appropriate. Spot 27 sxs Class B cement inside casing from 1404' to isolate the Pictured Cliffs and Fruitland intervals. PUH.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 8-5/8" Surface casing shoe, 695' - Surface)**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 55 sxs cement and spot a balanced plug from 695' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth (s) and attempt to circulate cement to surface filling the casing to surface (as approved). Shut in well and WOC.
5. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Richardson #7

Current

Basin Dakota / Fruitland Coal

833' FNL & 2142' FEL, Section 03, T-27-N, R-13-W, San Juan County, NM

Lat: N _____ / Long: W _____ / API #30-045-26082

Today's Date: 12/18/13

Spud: 9/23/84

DK Completed: 1/17/85

FTC Completed: 9/2/08

Elevation: 5999' GI
6383' KB

Ojo Alamo @ 490'

Kirtland @ 645'

Fruitland @ 1155'

Pictured Cliffs @ 1480'

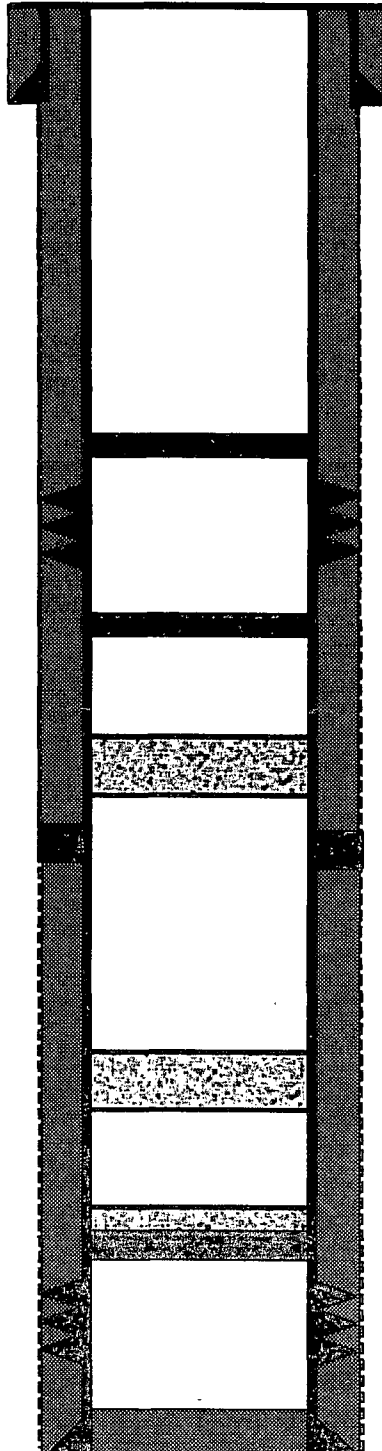
Mesaverde @ 2399'

Gallup @ 5155'

Dakota @ 6100'

12-1/4" hole

7-7/8" hole



TOC at surface, circulated to surface
according to sundry report.

8-5/8" 24#, K-55 Casing set @ 334'
Cmt with 100 sxs (Circulated to Surface)

Set CIBP @ 1404' (2010)

Fruitland Coal Perforations:
1446' - 1472'

Set CIBP @ 1650' (2008)

Existing Plug #3a: 2449' - 2349'
12 sxs Class G Cement

Existing Plug #3: 2449' - 2435'
12 sxs Class G Cement

TOC at DV tool, (calc 75%)

DV Tool @ 2880'
Stage 2: Cement with 1300 sxs
Circulate cement to surface

Existing Plug #2: 5205' - 5105'
12 sxs Class G Cement

Existing Plug #1: 6050' - 5912'
12 sxs Class G Cement

Set CIBP @ 6070' (7/08)

Dakota Perforations:
6120' - 6211'

4-1/2" 1j0.5#, K-55 Casing set @ 6377'
Stage 1: Cement with 840 sxs (1242 cf)

TD 6383'
PBTD 1650'

Richardson #7

Proposed P&A

Basin Dakota / Fruitland Coal

833' FNL & 2142' FEL, Section 03, T-27-N, R-13-W, San Juan County, NM

Lat: N _____ / Long: W _____ / API #30-045-26082

Today's Date: 12/18/13

Spud: 9/23/84

DK Completed: 1/17/85

FiC Completed: 9/2/08

Elevation: 5999' GI
6383' KB

Ojo Alamo @ 490'

Kirtland @ 645'

Fruitland @ 1155'

Pictured Cliffs @ 1480'

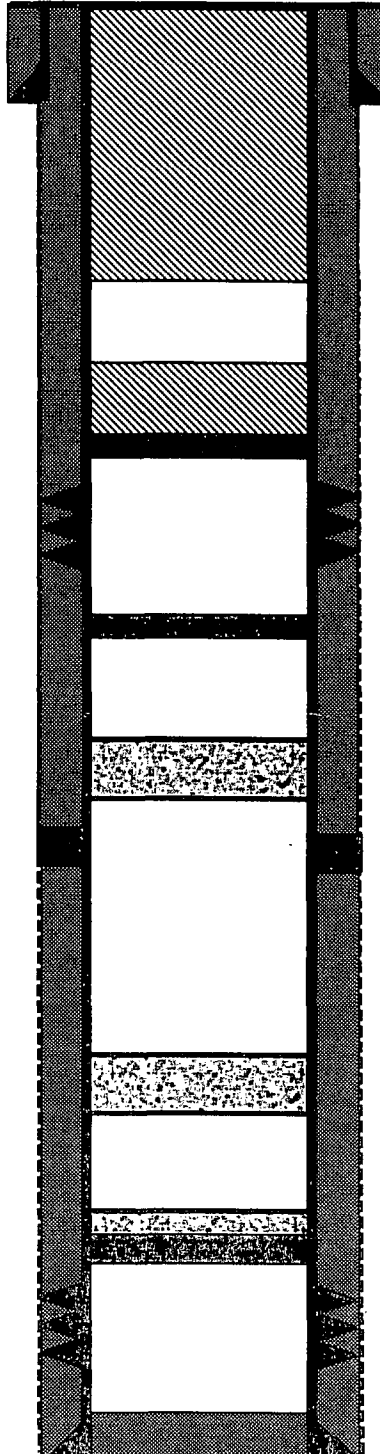
Mesaverde @ 2399'

Gallup @ 5155'

Dakota @ 6100'

12-1/4" hole

7-7/8" hole



TOC at surface, circulated to surface according to sundry report.

8-5/8" 24#, K-55 Casing set @ 334'
Cmt with 100 sxs (Circulated to Surface)

Plug #2: 695' - 0'
Class B cement, 55 sxs

Plug #1: 1404' - 1105'
Class B cement, 27 sxs

Set CIBP @ 1404' (2010)

Fruitland Coal Perforations:
1446' - 1472'

Set CIBP @ 1650' (2008)

Existing Plug #3a: 2449' - 2349'
12 sxs Class G Cement

Existing Plug #3: 2449' - 2435'
12 sxs Class G Cement

TOC at DV tool, (calc 75%)

DV Tool @ 2880'
Stage 2: Cement with 1300 sxs
Circulate cement to surface

Existing Plug #2: 5205' - 5105'
12 sxs Class G Cement

Existing Plug #1: 6050' - 5912'
12 sxs Class G Cement

Set CIBP @ 6070' (7/08)

Dakota Perforations:
6120' - 6211'

4-1/2" 1j0.5#, K-55 Casing set @ 6377'
Stage 1: Cement with 840 sxs (1242 cf)

TD 6383'
PBD 1650'