

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED

JUL 08 2010

**Bureau of Land Management
Farmington Field Office**

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)	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 845' FSL, 987' FWL, T27N R13W Sec. 10		8. Well Name and No. Richardson 5E
		9. API Well No. 30-045-26152
		10. Field and Pool, or Exploratory Area Basin Dakota
		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 type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recomplete 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 recompletion 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 intends to plug-back the Richardson #5E to complete the Basin Fruitland Coal as follows on the attached procedure:

**RCVD JUL 12 '10
OIL CONS. DIV.
DIST. 3**

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Andrew Soto	Title District Engineer
Signature	Date 7/2/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date JUL 08 2010
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	

WMS



***RICHARDSON LEASE
WELL #5E***

**API #: 30-045-26152 / AFE #: SJ10-175 / DP: 32746A
Basin Dakota Field
San Juan County, New Mexico**

**PLUG-BACK PROCEDURE
May 11th, 2010**

A. OBJECTIVE:

1. Plug-back the Dakota, Gallup & Mesaverde formations in compliance with NMOCD & BLM regulations.
2. Prepare wellbore for the completion of the Fruitland Coal.

B. WELL DATA:

DATES: Spud: 12/20/1984 Completed: 2/07/1985

DEPTHS: TD: 6,280' PBTD: 6,236'

ELEVATIONS: GL: 5,990' KB: 6,002' (12' KBM)

PERFORATIONS: 6,005', 07', 22', 24', 26', 28', 30', 62', 64', 66', 82', 84', 92', 95', 97', 99', 6,101' & 07' @ 1 SPF w/ 0.38" holes.
Shot a total of 18 holes in the 18 intervals over the 103' of gross interval.

STIMULATION: Sand frac w/ 57,000 gallons of 20# crossed-linked gelled water carrying 78,000# of 20/40 sand.

SURFACE CASING: 8 5/8" H-40 24.00# casing set @ 324'.
Cemented in a single stage w/ 225 sacks, the cement was circulated.

PRODUCTION CASING: 4 1/2" H-40 10.50# LT&C casing set @ 6,274'.
Cemented in 2 stages w/ 2,382 sacks, both stages circulated w/ the DV tool @ 2,904'.

PRODUCTION TUBING: An unknown amount of 2 3/8" J-55 4.70# tubing w/ BP set @ 6,047'.

C. PROCEDURE:

KEEP A TIW VALVE OPEN & ON THE RIG FLOOR @ ALL TIMES.
ALL CEMENT VOLUMES ARE TO BE 50' EXCESS INSIDE PIPE.

1. Test location rig anchors. Record casing, tubing and bradenhead pressures.
2. MI & set 1-400 barrel lined frac tanks filled w/ enough 2% KCLW to satisfy all of the anticipated fluid requirements for this plug-back & 1-400 barrel test tank to flow back any fluids during this **CLOSED LOOP OPERATION**.
3. MIRUPU. NU relief line and blow down well. ND wellhead and NU a BOP w/ 2 3/8" & CSO rams. Function test BOP.
4. POOH, tally & inspect w/ an unknown amount of 2 3/8" 4.7# J-55 production tubing w/ a bull plug on the end of tubing.
Note: No pull report available. Note depths of EOT, perf sub & SN.
5. PU & RIH w/ a 4 1/2" CIBP, an on/off tool, XO & a 2 3/8" SN on the 2 3/8" J-55 tubing. Set the CIBP @ 5,955' & unlatch from the CIBP.
6. Load the casing w/ 2% KCLW & circulate the well clean. Pressure test the tubing & casing to 800# for 5 minutes.
Note: If the casing does not test, then spot & tag subsequent plugs as appropriate.
7. Mix, pump & spot 12 sxs of Class B, 15.6 ppg w/ 1.18 cf/sx yield, cement as a balance plug above the CIBP to cover the Dakota interval. POOH w/ the tubing to +/- 5,355'. SD & WOC for 4 hours.
8. TIH to tag TOC. POOH/LD w/ the tubing to +/- 5,183'.
9. Mix, pump & spot 12 sxs of Class B, 15.6 ppg w/ 1.18 cf/sx yield, cement as a balance plug inside the casing to cover the Gallup interval. POOH w/ the tubing to +/- 4,583'. SD & WOC for 4 hours.
10. TIH to tag TOC. POOH/LD w/ the tubing to +/- 2,349'.
11. Mix, pump & spot 12 sxs of Class B, 15.6 ppg w/ 1.18 cf/sx yield, cement as a balance plug inside the casing to cover the Mesaverde interval. POOH w/ the tubing to +/- 1,749'. SD & WOC for 4 hours.
12. TIH to tag TOC. POOH/LD w/ the tubing to +/- 1,450'. POOH/standing back the remaining joints of 2 3/8 J-55 tubing. Continue on w/ Richardson #5E completion procedure.

D. ATTACHMENTS:

1. Richardson #5E Pertinent Well Data Sheet
2. Richardson #5E Wellbore Diagrams
3. Richardson #5E Production Graphs
4. Richardson #5E Surrounding Production Graphs
5. Richardson #5E Plug-back AFE