

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

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

MAY 16 2011
Farmington Field Office
Bureau of Land Management

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. Jicarilla 109
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. If Indian, Allottee or Tribe Name Jicarilla
3a. Address 2198 Bloomfield Highway, 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) 1650' FNL, 1140' FEL, Sec. 15, T26N, R5W, N.M.P.M.		8. Well Name and No. Jicarilla F 15
		9. API Well No. 30-039-06503
		10. Field and Pool, or Exploratory Area S. Blanco PC
		11. County or Parish, State Rio Arriba 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	

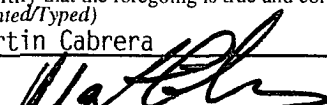
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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.)

BP
EP
Energen Resources plans to plug and abandon the Jicarilla F #15 per the attached procedure.

RCVD MAY 20 '11
OIL CONS. DIV.

DIST. 3

Submit CBL to all agencies for review prior to cementing

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Martin Cabrera		Title District Engineer
Signature 		Date 5/16/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date MAY 19 2011
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	

NMOCD A

Recommended Plugging Procedure
Jicarilla F #15
Section 15, T26N, R05W

1. MIRU. ND wellhead. NU BOP.
 2. TOH w/ 1-1/4" tbg, inspect and tally.
 3. TIH w/ CIBP and set @ 3180'. Pressure test casing to 500 psi for 15 minutes. TOH w/ tbg. TIH w/ wire-line and run Cement Bond Log. Determine TOC. TOH w/ wire-line. Depending on the TOC, procedure may need to be altered.
 4. TIH w/ tbg to 3175'. Set a cement plug across Pictured Cliffs and Fruitland tops f/ 2926'-3180' w/ 30 sks of neat cement (50% excess). Pull tbg above cement. Wait 4 hrs and tag cement.
 5. Pull tbg up to ²⁸³⁴3580'. Set a balanced cement plug across the Kirtland and Ojo Alamo top f/ ²⁸³⁴2537'-2820' w/ 48 sks of neat cement (50% excess). Pull tbg above cement. Wait 4 hrs and tag cement.
 6. TIH w/ wire-line and perforate 2 squeeze holes @ 2100'. TOH w/ wire-line. ¹²⁷⁸
 7. Pull tbg up to ¹²⁷⁸2000'. Set a balanced cement plug across the Nacimiento top f/ ¹²⁷⁸2000'-2100' w/ 65 sks of neat cement (100% excess outside the casing and 50% excess inside the casing). Pull tbg above cement. Wait 4 hrs and tag cement.
 8. TIH w/ wire-line and perforate 2 squeeze holes @ 250'. TOH w/ wire-line.
 9. Establish circulation out of the bradenhead w/ water. Circulate the bradenhead annulus clean. Pump 210 sks of neat cement down 5-1/2" casing to circulate good cement out the bradenhead. SI well and wait on cement.
 10. ND BOP and cut off casing below surface casing flange. Install P&A marker w/ cement to comply w/ regulations. RDMO, cut off anchors and restore location.
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**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 15 Jicarilla F

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Kirtland/Ojo Alamo plug from 2834' –2510'.
 - b) Place the Nacimiento plug from 1278' – 1178' inside and outside the 5 ½" casing.

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.