

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.

NOV 28 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. 8111a 108 |
| 2. Name of Operator ENERGEN RESOURCES CORPORATION | | 6. If Indian, Allottee or Tribe Name |
| 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) 1190' FNL, 1090' FWL, Sec. 13, T26N, R5W, N.M.P.M. | | 8. Well Name and No. Jicarilla 108 14 |
| | | 9. API Well No. 30-039-06499 |
| | | 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 | |

3. 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 Jicarilla 108 #14 per the attached procedure.

RCVD DEC 8 '11

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs
prior to beginning
operations

| | |
|--|----------------------------|
| I hereby certify that the foregoing is true and correct (Printed/Typed) Martin Cabrera | Title District Engineer |
| Signature | Date 11/21/11 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-----------------|---------------------|
| Approved by Original Signed: Stephen Mason | Title Office | Date DEC 05 2011 |
|---|-----------------|---------------------|

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 be necessary to conduct operations thereon.

5 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, fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD A

ENERGEN RESOURCES

Pertinent Data Sheet

Date: 2/13/2009 **Well Name:** Jicarilla 108 #14 **API#:** 30-039-06499 **DP#:** 3151223A
Unit: D **Sec:** 13 **Twp:** 26N **Rge:** 5W **Footage:** 1190' FNL 1090' FWL
County: Rio Arriba **State:** NM **Spud:** 8-14-58 **Completed:** 10-11-58
Field: South Blanco Pictured Cliffs **Elev:** 7253' **TD:** 3994' **PBTD:** 3927' **KB:** 7'
Perfs: PC: 3861'-3868', 3890'-3911' w/4 SPF

1/1995- WELL NAME CHANGE FROM JICARILLA G #14 TO JICARILLA 108 #14

Frac: PC: Frac w/25,000 gals water, 30,000# sand

| Hole Size | Casing Size | Weight & Grade | Depth Set | Cement | TOC |
|-----------|-------------|----------------------------------|-----------|--------|-----------------|
| 12-1/4" | 8-5/8" | 24# J-55 | 106' | 70sks | circ to surface |
| 7-7/8" | 5-1/2" | 15.5# J-55 | 3993' | 100sks | TS @ 3700' |
| | | perf 3845'-3846 sq'd w/100sks | | | |

| Tubing Size | # Joints | Weight & Grade | Depth Set | Seat Nipple | Packer |
|-------------|----------|----------------|------------|-------------|--------|
| 1-1/4" | 130 | | 3902.50'KB | | |

Rod & Pump Record:

| Rod Size | # Rods | Length | Grade |
|----------|--------|--------|-------|
|----------|--------|--------|-------|

Log Record: ES-ML/TEMP SURVEY

Formation Tops:

| | | |
|-----------------|-------|---------------|
| Ojo Alamo | 3270' | Point Lookout |
| Kirtland | 3480' | Mancos |
| Fruitland | 3712' | Gallup |
| Pictured Cliffs | 3861' | Graneros |
| Lewis | 3940' | Dakota |
| Cliffhouse | | Bluff |
| Menefee | | Chinle |

Work History:

Recommended Plugging Procedure
Jicarilla 108 #14
Section 13, T26N, R05W

1. MIRU. ND wellhead. NU BOP.
2. TOH w/ 1-1/4" tbg, inspect and tally.
3. TIH w/ CIBP and set @ 3910'. 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 3905'. Set a cement plug across Pictured Cliffs and Fruitland tops f/ 3662'-3910' w/ 43 sks of neat cement (50% excess). Pull tbg above cement. Wait 4 hrs and tag cement.
5. Pull tbg up to 3555'. Set a balanced cement plug across the Kirtland and Ojo Alamo top f/ 3220'-3530' w/ 48 sks of neat cement (50% excess). Pull tbg above cement. Wait 4 hrs and tag cement. and outside 5/2 if cement is not present
6. TIH w/ wire-line and perforate 2 squeeze holes @ ¹⁹⁹⁰1278'. TOH w/ wire-line.
7. Pull tbg up to ¹⁹⁹⁰1278'. Set a balanced cement plug across the Nacimiento top f/ ¹⁹⁹⁰⁻¹⁸⁹⁰1178'-1278' w/ 46 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.

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: 14 Jicarilla 108

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 Pictured Cliffs/Fruitland plug from 3810' – 3605'.
 - b) Place the Kirtland/Ojo Alamo plug from 3530' – 3220' inside and outside the 5 ½" casing where cement is not present behind the 5 ½" casing.
 - c) Place the Nacimiento plug from 1990' – 1890' 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.