

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 **AUG 02 2012**

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
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

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

990' FSL, 1500' FWL, Unit N Sec8 T25N, R4W

5. Lease Serial No.

Jicarilla 123 C

6. If Indian, Allottee or Tribe Name

Jicarilla

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

8. Well Name and No.

Jicarilla 123 C 5

9. API Well No.

30-039-06061

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

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

BP

TYPE OF ACTION

- | | | | |
|-----------------------------------------------|------------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 recomple 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 recomple 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 123 C #5 per the attached procedure.

RCVD AUG 7 '12
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)

Adam Klein

Title District Engineer

Signature

Date 8/1/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 06 2012

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 A

PLUG AND ABANDONMENT PROCEDURE

July 30, 2012

Jicarilla 123 C #5

South Blanco Pictured Cliffs Ext.

990' FSL, 1500' FWL, Section 8, T25N, R4W, Rio Arriba County, New Mexico

API 30-039-06061 / 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. This project requires a 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.
2. 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.
3. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes X, No _____, Unknown _____, Size 1-1/4", Length 2512'.
Packer: Yes _____, No _____, Unknown _____, Type _____.

NOTE: CASING IS 5", 11.5#, J-55.

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. Round trip 5" gauge ring or casing scraper to 3708' or as deep as possible.

4. **Plug #1 (Pictured Cliffs interval and Fruitland, Kirtland and Ojo Alamo tops, 3708' - 3171')**: TIH and set 5" CR at 3708'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 57 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Pictured Cliffs interval through to the Ojo Alamo top. TOH.
5. **Plug #2 (Nacimiento top, 1971' - 1871')**: Perforate 3 squeeze holes at 1971'. Establish injection rate into squeeze holes if casing tested. Set 5" cement retainer at 1921'. Sting into CR and establish injection rate. Mix 35 sxs Class B cement squeeze 20 sxs outside casing and leave 15 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #3 (7-5/8" surface casing shoe, 176' - Surface)**: Perforate 3 squeeze holes at 176'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 55 sxs Class B cement and pump down the 5" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. 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.