

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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.

2005 SEP 8 PM 12 57

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

070 FARMINGTON NM

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)

1720' FSL, 826' FWL Sec.05, T26N, R04W
NW/SW

5. Lease Serial No.

Jicarilla Contract 119

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Jicarilla 119N #3

9. API Well No.

30-039-06671

10. Field and Pool, or Exploratory Area

Tapacito Pictured Cliffs

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

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 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 119N #3 well per the attached procedure.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Vicki Donaghey

Title

Regulatory Analyst

Date 09/07/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 09 2005

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

NMOC

PLUG AND ABANDONMENT PROCEDURE

September 6, 2005

Jicarilla 119 N #3

Tapacito Pictured Cliffs

1720' FSL & 826' FWL, Section 5, T26N, R4W

Rio Arriba County, New Mexico, API #30-039-06671

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary.
2. ND wellhead and NU BOP. Test BOP. TOH and LD 1.25" tubing, total tally 4040' with bull plug and 3' perf sub. Prepare a 2.375" workstring.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 3980' – 3424')**: PU and TIH with 2.375" tubing and set a 5" CR at 3980'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 52 sxs cement and spot a balanced plug inside the casing above CR to isolate the Pictured Cliffs perforations and to cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, ^{2182'}2641' – ^{2082'}2510')**: Perforate 3 squeeze holes at ^{2182'}2611'. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 5" cement retainer at ^{2182'}2560'. Establish rate into squeeze holes. Mix and pump 30 sxs cement, squeeze 17 sxs outside the casing and leave 13 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
5. **Plug #3 (7.625" casing shoe and surface, 188' - Surface)**: Perforate 3 squeeze holes at 188'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 52 sxs cement down the 5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. 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.

Jicarilla 119 N #3

Proposed P&A

Tapacito Pictured Cliffs

1720' FSL& 826' FWL, SW, Section 5, T-26-N, R-4-W

Rio Arriba County, NM / API #30-039-06671

Today's Date: 9/6/05

Spud: 4/24/57

Completion: 5/21/57

Elevation: 7291' GL

9.875" hole

Nacimiento @ 2560' * est.

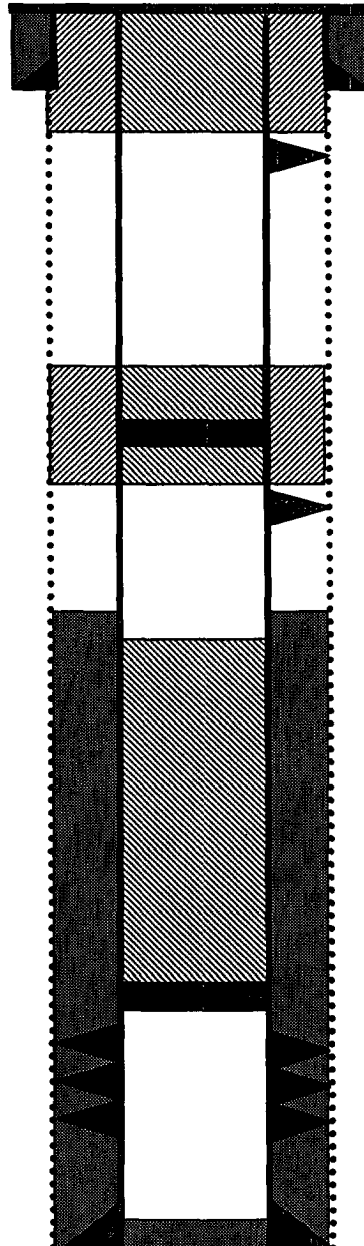
Ojo Alamo @ 3474'

Kirtland @ 3667'

Fruitland @ 3829'

Pictured Cliffs @ 4019'

6.75" hole



7.625" 26.4#, H-40 Casing set @ 138'
Cement with 75 sxs (Circulated to Surface)

Perforate @ 188'

Plug #3: 188' - Surface
Type III cement, 50 sxs

Cmt Retainer @ 2560'

Perforate @ 2610'

TOC @ 3315' (Calc, 75%)

Set Cmt Retainer @ 3980'

Pictured Cliffs Perforations:
4030' - 4098'

5" 11.5#, J-55 Casing set @ 4108'
Cemented with 100 sxs

TD 4111'
PBSD 4105'

Jicarilla 119 N #3

Current

Tapacito Pictured Cliffs

1720' FSL& 826' FWL, SW, Section 5, T-26-N, R-4-W

Rio Arriba County, NM / API #30-039-06671

Today's Date: 9/6/05

Spud: 4/24/57

Completion: 5/21/57

Elevation: 7291' GI

9.875" hole

7.625" 26.4#, H-40 Casing set @ 138'
Cement with 75 sxs (Circulated to Surface)

WELL HISTORY

Apr '02: Ran 1.286" GR, set down at donut. Ran 1" IB to 4050', showed sand.

May '02: RU workover rig, NU BOP. Swedge in tubing hanger x/heavy, reduce ID, Cross threaded in tubing hanger bottom swedge broken off. Lock in studs frozen. No spear to fit through tubing hanger. Build homemade tap. Tap threads in tubing hanger. Install swedge. NU wellhead. RD and MOL.

May '04: RIH with 1.286" GR to 1210', then pushed unknown object to 1410'. Found soap on GR. Dump 5 gal water down tubing. Ran gauge ring down to 1510', unable to get past deper.

TOC @ 3315' (Calc, 75%)

1.25" Tubing at 4040'
(126 joints, 2.3#)

Nacimiento @ 2560' *est

Ojo Alamo @ 3474'

Kirtland @ 3667'

Fruitland @ 3829'

Pictured Cliffs @ 4019'

Pictured Cliffs Perforations:
4030' - 4098'

6.75" hole

5" 11.5#, J-55 Casing set @ 4108'
Cemented with 100 sxs

TD 4111'
PBSD 4105'

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from 9 - 9 - 05 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.