

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

2006 AUG 2 AM 10 35

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)

990' FSL, 1650' FEL, Sec. 26, T27N, R03W, N.M.P.M.
SW/SE

5. Lease Serial No.

Jicarilla Contract 95

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 95 10

9. API Well No.

30-039-20170

10. Field and Pool, or Exploratory Area

Gavilan 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 intends to plug and abandon the Jicarilla 95 #10 according to the attached procedure.



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

Vicki Donaghey

Title

Regulatory Analyst

Date

07/27/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 04 2006

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.

NMOC

PLUG AND ABANDONMENT PROCEDURE

July 25, 2006

Jicarilla 95 #10

Gavilan Pictured Cliffs
990' FSL & 1650' FEL, Section 26, T27N, R3W
Rio Arriba County, New Mexico, API #30-039-20170

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. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare waste fluid holding pit if necessary. 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. ND wellhead and NU BOP. Test BOP.
3. TOH and tally 1.25" tubing workstring. Note: Energen records indicate is might be 2.3 # H-40 IJ. If necessary, LD tubing and PU workstring. Round-trip 3.5" scraper or wireline gauge ring to 3898'.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 3898' – 3690')**: RIH and set 3.5" wireline CIBP at 3898'. TIH with tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Spot 10 sxs Type III cement inside casing above CIBP to isolate the Pictured Cliffs perforations and the Fruitland top. TOH with tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 3720' – 3415')**: Perforate 2 bi-wire holes at 3720'. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 3.5" cement retainer at 3670'. TIH and sting into CR. Establish rate into squeeze holes. Mix and pump 89 sxs cement, squeeze 75 sxs outside the casing and leave 14 sxs inside casing to cover the Kirtland and Ojo Alamo tops. TOH with tubing.
6. **Plug #3 (Nacimiento top, ^{2290 2190}~~2436~~ – ²²⁹⁰~~2036~~)**: Perforate 2 bi-wire holes at ²²⁹⁰~~2436~~'. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 3.5" cement retainer at 2088'. TIH and sting into CR. Establish rate into squeeze holes. Mix and pump 31 sxs cement, squeeze 25 sxs outside the casing and leave 6 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
7. **Plug #4 (7" Surface casing, 312' - Surface)**: Perforate 2 squeeze holes at 312'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 60 sxs Type III cement down the 3.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
8. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Jicarilla 95 #10

Proposed P&A

Gavilan Pictured Cliffs / API #30-039-20170

990' FSL & 1650' FEL, Section 26, T-27-N, R-3-W, Rio Arriba County, NM

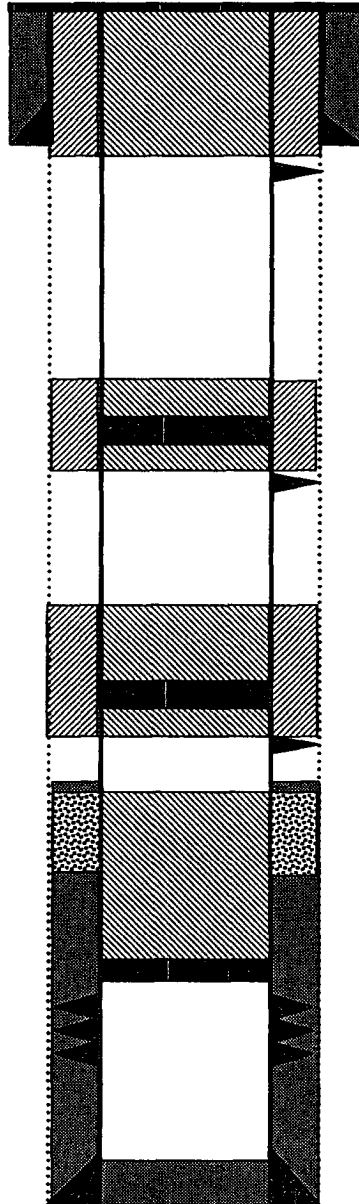
Today's Date: 7/24/06

Spud: 11/04/68

Completed: 4/29/69

Elevation: 7322' GL
7335' KB

9" hole



7", 23# J-55 Casing set @ 262'
Cement with 75 sxs (Circulated to Surface)

Perforate @ 312'

Plug #4: 312' - 0'
Type III cement, 60 sxs

Nacimiento @ 2088'

Cmt Retainer @ 2088'

Plug #3: 2138' - 2038'
Type III cement, 31 sxs:
25 sxs and 6 sxs

Perforate @ 2138'

Ojo Alamo @ 3465'

Cmt Retainer @ 3670'

Plug #2: 3720' - 3415'
Type III cement, 89 sxs:
75 sxs and 14 sxs

Perforate @ 3720'

Fruitland @ 3740'

TOC @ 3713' ('95 CBL)

Casing leak @ 3754',
squeeze with 100 sxs
(1994)

Plug #1: 3898' - 3690'
Type III cement, 10 sxs

Set CIBP @ 3898'

Pictured Cliffs @ 3953'

Pictured Cliffs Perforations:
3948' - 4040'

6.75" Hole

3.5" 9.3# J-55 Casing set @ 4125'
Cement with 50 sxs

TD 4125'
PBD 4075'

Jicarilla 95 #10

Current

Gavilan Pictured Cliffs / API #30-039-20170

990' FSL & 1650' FEL, Section 26, T-27-N, R-3-W, Rio Arriba County, NM

Today's Date: 7/24/06

Spud: 11/04/68

Completed: 4/29/69

Elevation: 7322' GL
7335' KB

9" hole

7", 23# J-55 Casing set @ 262'
Cement with 75 sxs (Circulated to Surface)

WELL HISTORY

Dec '94: Run CBL, TOC 3713'. Isolate casing leak 3754', squeeze with 100 sxs cement. Drill out. PT. Land tubing; return to production.

Mar '00: 1.286" GR to 4009', set down. 1" IB to 4009', showed pinned collar.

1.25" Tubing set at 4023'
(135 jts, 2.4#, J-55)
NOTE: Energen data sheet
indicates tubing could be 2.3#
H40-IJ

Nacimiento @ 2088'

Ojo Alamo @ 3465'

Kirtland @ 3670'

Fruitland @ 3740'

TOC @ 3713' ('95 CBL)

Casing leak @ 3754',
squeeze with 100 sxs
(1994)

Pictured Cliffs @ 3953'

Pictured Cliffs Perforations:
3948' – 4040'

6.75" Hole

3.5" 9.3# J-55 Casing set @ 4125'
Cement with 50 sxs

TD 4125'
PBD 4075'

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from August 3, 2006 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.