

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

5. Lease Serial No.

Jicarilla Contract 183

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 183 # 8

9. API Well No.

30-043-20259

10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs

11. County or Parish, State

Sandoval NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 183 #8 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

07/03/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUL 10 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

June 26, 2006

Jicarilla 183 #8

Ballard Pictured Cliffs

865' FSL & 1610' FEL, Section 21, T23N, R3W
Sandoval County, New Mexico, API #30-043-20259

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. Round-trip 2.875" scraper or wireline gauge ring to 2955'. Tally and prepare a 1.25" IJ tubing workstring.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 2955' – 2540')**: RIH and set 2.875" wireline CIBP at 2955'. TIH with 1.25" workstring 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 12 sxs Type III cement (in two stages) inside casing above CIBP to isolate the Pictured Cliffs perforations and cover through the Ojo Alamo top. TOH with tubing.
5. **Plug #2 (Nacimiento top, ^{1416'} ~~1488'~~ – ^{1316'} ~~1388'~~)**: Perforate 2 bi-wire holes at ^{1416'} ~~1488'~~. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 2.875" cement retainer at ^{1416'} ~~1488'~~. TIH and sting into CR. Establish rate into squeeze holes. Mix and pump 35 sxs cement, squeeze 31 sxs outside the casing and leave 4 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #3 (8.625" Surface casing, 175' - Surface)**: Perforate 2 squeeze holes at 175'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 60 sxs Type III cement down the 2.875" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
7. 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 183 #8

Proposed P&A

Ballard Pictured Cliffs / API #30-043-20259

865' FSL & 1610' FEL, Section 21, T-23-N, R-3-W, Sandoval County, NM

Today's Date: 6/26/06

Spud: 5/05/77

Completed: 6/30/77

Elevation: 7317' GL
7329' KB

12.25" hole

Nacimiento @ 1438'

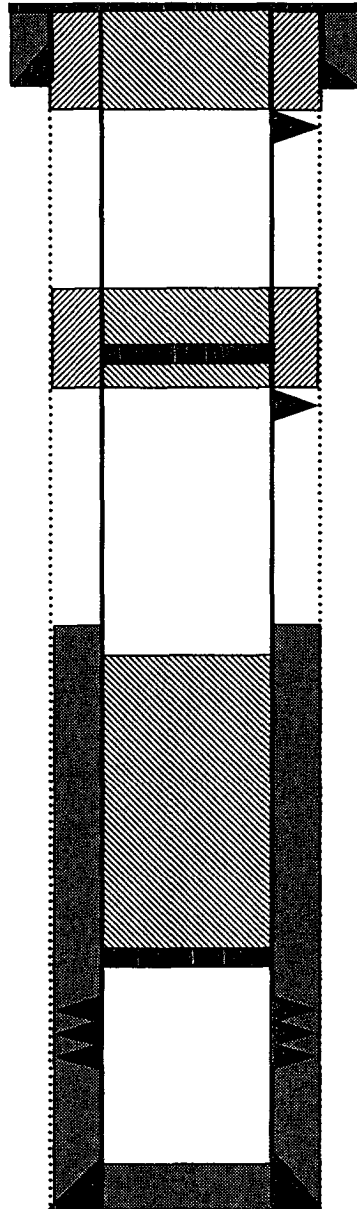
Ojo Alamo @ 2590'

Kirtland @ 2755'

Fruitland @ 2828'

Pictured Cliffs @ 2982'

6.75" Hole



8.625", 24#, K-55 Casing set @ 125'
Cement with 342 cf (Circulated to Surface)

Perforate @ 175'

Plug #3: 175' - 0'
Type III cement, 60 sxs

Cmt Retainer @ 1438'

Plug #2: 1488' - 1388'
Type III cement, 35 sxs:
31 outside and 4 inside

Perforate @ 1488'

TOC @ 2375' (T.S.)

Plug #1: 2955' - 2540'
Type III cement, 12 sxs
(two stages)

Set CIBP @ 2955'

Pictured Cliffs Perforations:
3005' - 3072'

2.875" 6.4# J-55 Casing set @ 3090'
Cement with 164 cf

TD 3090'
PBSD 3080'

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from July 7, 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.