

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

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)

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

990' ENL, 1650' FWL, Sec. 22, T23W, R3W, N.M.P.M.

5. Lease Serial No.

Jicarilla Contract 413

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Chacon Jicarilla D 4

9. API Well No.

30-039-20206

10. Field and Pool, or Exploratory Area

W Lindrith Gallup Dakota

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

☐ 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

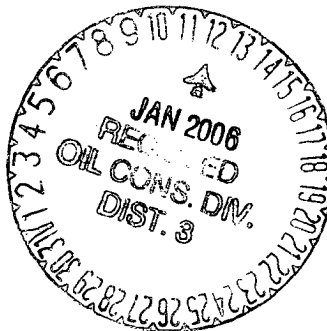
☐ Water Shut-Off

☐ 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.)

Energien Resources plugged and abandoned the Chacon Jicarilla D #4 on 12/02/05 as per the attached plugging procedure.



2006 JAN 9 AM 8 07
RECEIVED
070 FARMINGTON NM

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

Vicki Donaghey

Title

Regulatory Analyst

Date 12/08/05

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

DATE JAN 09 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

FARMINGTON FIELD OFFICE
BY [Signature]

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

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Energen Resources Corporation

Chacon Jicarilla D #4

December 5, 2005

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990' FNL & 1650' FWL, Section 22, T-23-N, R-3-W

Sandoval County, NM

Lease Number: Jicarilla Contract #413

API #30-043-20206

Plug and Abandonment Report

Work Summary:

11/22/05 MOL. RU. Check well pressures: casing 90#, tubing and bradenhead 0#. Blow down well. Pump 30 bbls of water. ND wellhead. Dig out bradenhead valve. Strip on BOP. PU power tongs. Release tubing anchor. TOH and tally 48 stands of 2.375" tubing. Shut down for rig repair.

11/23/05 Open well; no pressure. TOH and tally 236 joints 2.375" tubing, TAC, SN and bull plug. Round trip 4.5" gauge ring to 7300'. TIH with 4.5" DHS cement retainer; CR set unexpectedly at 6215'. Pump 30 bbls of water and attempt to pressure test tubing; no test. Set back down into CR and pulled again 25,000# over string weight; no pressure on tubing after 24 bbls of water. Circulate hole clean with 80 bbls of water. Attempt to pressure test casing to 800#; small leak bleeds down to 675# in 3 minutes. Drop standing valve and pump 17 bbls of water. Pressure test tubing to 1200# for 5 minutes. Retrieve standing valve. Sting into retainer and pressured up to 1000#. SDFD.

11/28/05 Open well. TOH with tubing and inspect stinger; looked good. PU 3.875" cone bit, bit sub and TIH to CR at 6215'. PU power swivel and drill out CR. Hang back power swivel. PU power tongs and TIH to 7268'. TOH with tubing and LD BHA. SDFD.

11/29/05 Open well. RIH with 4.5" Diamondback wireline CIBP; set at 7269'. TIH with tubing and tag BP at 7269'. Circulate well clean with 60 bbls of water. Attempt to pressure test casing to 800#, slow leak.

Plug #1 with CIBP at 7269', spot 17 sxs Type III cement (22 cf) inside casing from 7269' to 7019' to isolate the Dakota interval.

TOH with tubing. Perforate 3 squeeze holes at 6250'. Establish rate into squeeze holes 2 bpm at 500#. Note: Perforation should have been at 6150'. B. Hammond, JAT representative required 6250'. TIH with 4.5" DHS cement retainer; leave hanging. SDFD.

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Work Summary - Continued:

11/30/05 Open well. TIH with 4.5" DHS CR and set at 6097'. Attempt to pressure test casing; leak. Sting into retainer and establish rate into squeeze holes 1 bpm at 750#.

Plug #2 with CR at 6097', mix and pump 90 sxs Type III cement (119 cf), squeeze 80 sxs outside 4.5" casing from 6250' to 6050' and leave 10 sxs inside casing to 5950' to cover the Gallup top.

PUH to 4677' and WOC. RIH and tag cement at 5893'. Perforate 3 squeeze holes at 4736'. Attempt to establish rate into squeeze holes; pressured up to 1000# then bled down to 500# in 2 minutes. TIH with 4.5" DHS CR and set at 4685'. Sting into retainer and establish rate in squeeze holes 1 bpm at 1000#.

Plug #3 with CR at 4685', mix and pump 46 sxs Type III cement (61 cf), squeeze 35 sxs outside casing from 4736' to 4636' and leave 11 sxs inside casing to cover the Mesaverde top.

PUH. SDFD.

12/1/05 TIH and tag cement at 4520'. Attempt to pressure test casing to 800#, bled down to 700# in 2 minutes.

Plug #4 spot 38 sxs Type III cement (50 cf) inside casing from 3170' to 2610' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

PUH and WOC. RIH with wireline and tag cement low at 2735'. TIH with tubing to 2735'.

Plug #4A spot 17 sxs Type III cement (22 cf) inside casing from 2735' to 2529' to cover the Ojo Alamo top.

PUH and WOC. SDFD.

12/2/05 TIH with tubing and tag cement at 2628'. Pressure test casing to 800# for 5 minutes. TOH with tubing. Perforate 3 squeeze holes at 1470'. RIH with 4.5" PlugWell wireline cement retainer and set at 1420'. TIH with tubing and sting into retainer. Establish rate 1.5 bpm at 800#.

Plug #5 with CR at 1420', mix and pump 46 sxs Type III (61 cf); squeeze 35 sxs outside casing from 1470' to 1370' and leave 11 sxs inside casing to 1320' to cover Nacimiento top.

TOH and LD tubing. Perforate 3 squeeze holes at 313'. Establish circulation out bradenhead with 12 bbls of water.

Plug #6 mix and pump 100 sxs Type III cement (132 cf) down 4.5" casing from 313' to surface with good cement returns out bradenhead valve.

ND BOP. Dig out and cut off wellhead. Found cement down 10' in 4.5" casing and 12' in annulus. Mix 20 sxs Type III cement and install P&A marker. RD and MOL.

B. Hammond, Jicarilla Apache Tribe representative, was on location.