

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 26 2013

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

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 page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2010 Afton Place, Farmington, NM 87401

3b. Phone No. (include area code)

(505) 325-6800

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

1020' FSL 1720' FEL, Sec. 15, T. 23N, R. 3W

5. Lease Serial No.

Contact No. 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.

Chacon Jicarilla D1

9. API Well No.

30-039-21145

10. Field and Pool, or Exploratory Area

West 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 ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other  
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon  
☐ Convert to Injection ☐ Plug Back ☐ 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 requests permission to Plug and Abandon the well as per the attached procedure.

RCVD JUL 30 '13  
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 Klem

Title District Engineer

Signature

Date 7/26/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUL 29 2013

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

Chacon Jicarilla D#1 Plugging procedure:

Plug #1: We plan to spot a cement plug inside the 4 ½" production casing from 6899'-6999' on top of the cast iron bridge plug (CIBP) that is set at 6999'. Pick up tubing above TOC. Wait 4 hours, then tag TOC and record TOC.

Plug #2: We plan to spot a cement plug inside the 4 ½" production casing from 6102'-6202'. Pick up tubing above TOC. Wait 4 hours, then tag TOC and record TOC.

Plug #3: We plan to spot a cement plug inside the 4 ½" production casing from 5334'-5434'. Pick up tubing above TOC. Wait 4 hours, then tag TOC and record TOC.

Plug #4: We plan to spot a cement plug inside the 4 ½" production casing from 3300'-4750'. Pick up tubing above TOC. Wait 4 hours, then tag TOC and record TOC.

Plug #5: We plan to spot a cement plug inside the 4 ½" production casing from 2550'-3150'. Pick up tubing above TOC. Wait 4 hours, then tag TOC and record TOC.

Plug #6: We plan to spot a cement plug inside the 4 ½" production casing from 1850'-2500'. Pick up tubing above TOC. Wait 4 hours, then tag TOC and record TOC.

Plug #7: We plan to set a cement retainer at approximately 1750'. Attempt to establish circulation around casing and up the bradenhead. Once circulation is established, attempt to circulate cement below cement retainer, around casing and up the bradenhead. Sting out of cement retainer, and leave a bbl or so of cement on top of retainer. WOC 24 hours. Run Cbl from top of retainer to surface. Re-squeeze as necessary.

Plug #8: : We plan to spot a cement plug inside the 4 ½" production casing from top of cement above cement retainer to surface.

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.

\*\*\*Note: We plan on using either Type 3 neat, or Class G neat cement, depending on which service company pumps the cement.

\*\*Also, since the exact depths of 11.5# and 10.5# 4 ½" are unknown, all cement volumes will be calculated using 10.5# 4 ½" ID (4.052") to ensure adequate cement coverage. All cement volumes inside pipe include 50' excess, and all cement volumes outside pipe include 100% excess.

# ENERGEN RESOURCES CORPORATION

Chacon Jicarilla D #1

Rio Arriba, NM

West Lindrith Gallup Dakota

## Current Conditions

7/26/2013

### Surface Casing:

8 5/8" 24# K-55 @ 275'

Cemented with 200 sx.

TOC @ 0'

No cmt above 1760'

### Tight spot:

1762'-1895'

Good cmt to at least 2500'

No CBL from 1760-2500

### Production Casing:

4 1/2" 10.5# 11.6# K-55 set @ 7664'

DV tool @ 3398'

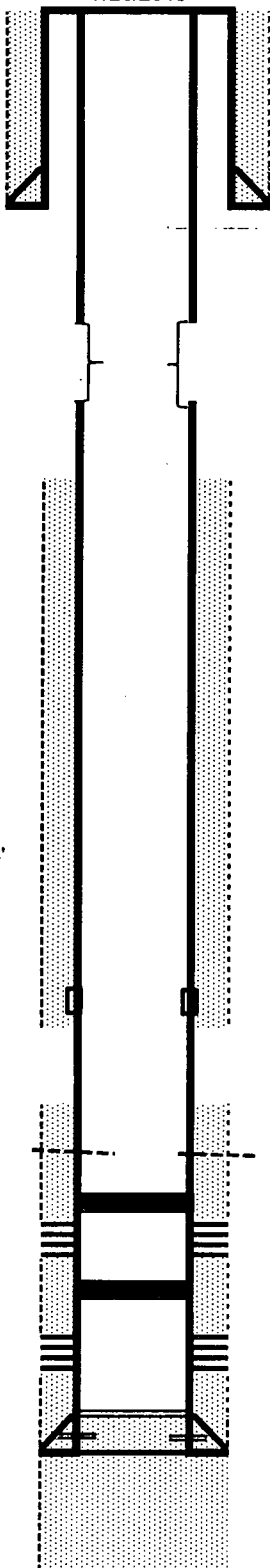
Cmt w/ 210 sx

TOC @ 4660'

CIBP: 6999'

CIBP: 7444'

Cmt w/ 650 sx



GL Elevation: 7242'

KB Elevation: 7254'

Township: 23N

Range: 03W

Section: 15

Unit: O

Footage: 1020' FSL 1720' FEL

API # 30-039-21145

FRUITLAND FM (est.)	2983
PICTURED CLIFFS (est.)	3095
LEWIS (est.)	3150
CHACRA	3917
MIDDLE LEWIS	4330
CLIFF HOUSE	4632
MENEFEE	4673
POINT LOOKOUT	5162
BASE OF MESAVERDE	5220
MANCOS SHALE	5384
GALLUP	6152
SANASTEE	6897
GREENHORN	7188
GRANEROS	7229
DAKOTA	7366

Proposed Mancos Perfs: 6270'-6285', 6315'-6331', 6356'-6376'

DK Perfs: 7248'-7290', 7366'-7380'

Perfs: 7456'-7468'

PBTD: 7621'

TD: 7664'

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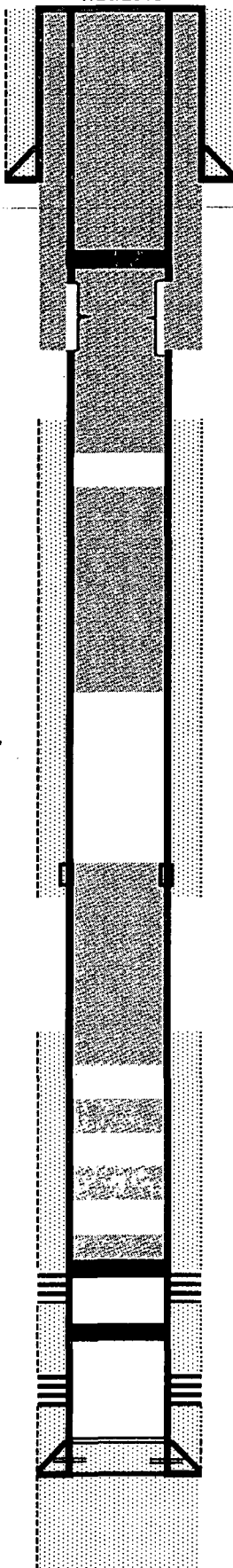
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\*\*All sx calc based on 1.15 yield\*\*

**Surface Plugs:** surf-1750': 141 sx (Plug #8)

## CR at ~1750'

1750-1850': 12 sx (Plug #7)

Surf/Prod Csg: 70 sx (Plug #7)

OH/Csg: 624 sx (Plug #7)

**Safety Plug:** 1850'-2500' 55 sx (Plug #6)

**PC-Ojo Plug:** 2550'-3150' 51 sx (Plug #5)

**MV Plug:** 3300'-4750' 117 sx (Plug #4)

**Mancos Plug:** 5334'-5434' 12 sx (Plug #3)

**Gallup Plugs:** 6102'-6202' 12 sx (Plug #2)

6899'-6999' 12 sx (Plug #1)

**DK Perfs:** 7248'-7290', 7366'-7380'

**Perfs:** 7456'-7468'

**PBTD:** 7621'

**TD:** 7664'

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 1 Chacon Jicarilla D

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:

Note: Any plug to be set needs to also be placed outside the casing where cement is not present like the Chacra @ 3896'. Once the CBL has been run, it can be determine where cement is present and where it is not.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.