

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
Jicarilla Contract 67

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 67 #18

9. API Well No.
30-039-21307

10. Field and Pool, or Exploratory Area
S. Blanco Pictured Cliffs/
Otero Chacra

11. County or Parish, State
Rio Arriba NM

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)
1850' FSL 820' FEL Sec. 19 T25N R05W N.M.P.M. (I) NE/SE

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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 recompleate 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 recompleation 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 permanently plugged and abandoned the Jicarilla 67 #18 per the attached report.

ACCEPTED FOR RECORD

Approved as to plugging
of the well bore. Liability
under bond is retained until
surface restoration is completed.

NOV 07 2014

OIL CONS. DIV DIST. 3

FARMINGTON FIELD
BY: DPORCH

NOV 12 2014

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) Kyle Mason
Signature [Signature]
Title District Engineer
Date 10/13/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

11/10/00 AV

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 *fax: 505-325-1211

Energen Resources Corporation
Jicarilla 67 #18

September 29, 2014
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1850' FSL and 820' FEL, Section 19, T-25-N, R-05-W
Rio Arriba County, NM
Lease Number: Jicarilla Contract 67
API #30-039-21307

Plug and Abandonment Report
Notified NMOCD and Jicarilla BLM on 09/21/14

Plug and Abandonment Summary:

- Plug #1 CH (combined #2)** with 21 sxs (24.78 cf) Class B cement inside casing from 2670' to 1908' to cover the Chacra perfs, Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2236'.
- Plug #1a CH** with 12 sxs (14.16 cf) Class B cement with 2% CaCl inside casing from 2236' to 1801' to cover the Chacra perfs, Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 1816'.
- Plug #1 PC** with 22 sxs (25.96 cf) Class B cement inside casing from 2369' to 1571' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 1658'.
- Plug #2 PC** with CR at 665' spot 67 sxs (79.06 cf) Class B cement inside casing from 715' to 363' with 2 sxs under, 10 sxs above and 55 sxs in annulus squeeze 1 sxs on top of CR to cover the Nacimiento top. Tag TOC at 471'.
- Plug #2 CH** with 24 sxs (28.32 cf) Class B cement with 2% CaCl inside casing from 721' to surface.
- Plug #3 PC** with 101 sxs (119.18 cf) Class B cement inside casing from 187' to surface with 6 sxs in casing and 95 sxs in annulus.
- Surface plug** with 1" poly pipe top off with 36 sxs Class B cement and install P&A marker with coordinates 36° 23' 0" N/107° 23' 42" W.

Plugging Work Details:

- 9/22/14 Rode rig and equipment to location. Spot in and RU. Check well pressures: short string PC 2-7/8" casing 0 PSI, Chacra long string casing 170 PSI, bradenhead 10 PSI. RU relief lines. Blow well down. RD wellhead. NU companion flange and BOP. PU and tally 1-1/4" tubing, 70 jnts of IJ 2260', 12 jnts of EUE total tally 2654'. SI well. SDFD.
- 9/23/14 Check well pressures: short string PC 2-7/8" casing 0 PSI, Chacra long string casing 0 PSI, tubing and casing 0 PSI, bradenhead 10 PSI. Blow well down. Establish circulation. Attempt to pressure test casing to 800 PSI, no test bradenhead started to blow. RIH and tag TOC at 2670'. Work pipe down to 2671', tight spot and slight drag. LD jnt. Wait on orders. ND and strip off BOP. Land 1-1/4" tubing on long string Chacra at 2654'. RU A-Plus wireline. PU sinker bar RIH and tag CIBP at 2540'. Note: K. Mason, Energen, T. Saylers, BLM and B. Powell, NMOCD approved procedure change. Strip on flange and BOP function test. Establish circulation. Spot Chacra plug #1 (combined Chacra plug #2) with calculated TOC at 1908'. Reverse circulation. SI well. SDFD.

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Jicarilla 67 #18

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Plugging Work Details (continued):

- 9/24/14 Check well pressures: Long string Chacra tubing and casing 0 PSI, bradenhead 10 PSI blow down to 0 PSI in 2 seconds, Short string PC casing 0 PSI. TIH and tag TOC low at 2236'. Establish circulation. Attempt to pressure test casing to 800 PSI, no test. Dropped from 750 PSI to 0 PSI. No circulation out short string PC casing bradenhead has slight blow during casing test. Spot Chacra plug #1a with calculated TOC at 1801'. WOC. TIH and tag TOC at 1816'. Establish circulation. Attempt to pressure test casing to 800 PSI, no test dropped from 750 PSI to 0 PSI. Bradenhead has slight blow during test. No circulation. TOH LD all 55 jnts. Chacra long string has leak. ND BOP and companion flange. NU BOP and function test on PC short string. SI well. SDFD.
- 9/25/14 Check well pressures: Long string Chacra casing 0 PSI, PC tubing and casing 0 PSI, bradenhead 10 PSI. TIH and tally 1-1/4" tubing, PU 45 jnts of IJ 28 jnts of EUE tag high at 2369'. Establish circulation. Attempt to pressure test casing to 800 PSI, no test dropped from 750 PSI to 0 PSI in 30 seconds. Note: K. Mason, Energen, B. Powell, NMOCD and R. Velarde, Jicarilla BLM approved procedure change. Establish circulation. Spot PC plug #1 with calculated TOC at 1571'. Reverse circulate. SI well. SDFD.
- 9/26/14 Check well pressures: Long string Chacra casing 0 PSI, PC tubing and casing 0 PSI, bradenhead 5 PSI. TIH and tag TOC at 1658'. Establish circulation. Attempt to pressure test PC casing to 800 PSI, no test dropped from 750 PSI to 0 PSI less than 30 seconds. RU A-Plus wireline. Perforate 3 bi-wire holes at 715' in PC string. PU 2-7/8" CR and set at 665'. Sting into CR. Attempt pressure test casing to 800 PSI, no test dropped from 750 PSI to 0 PSI. Establish rate of 1.5 bpm at 500 PSI, OK. Spot PC plug #2 with calculated TOC at 363'. WOC. ND BOP and flange. RU onto Chacra long string function test. Establish circulation. Spot Chacra plug #2 with TOC at surface. ND BOP and flange. RU on PC short string. RU A-Plus wireline. RIH with sinker bar and tag PC TOC at 471'. Perforate 3 bi-wire holes at 187'. Establish circulation. Circulate well clean. Spot PC plug #3 with TOC at surface. SI well. SDFD.
- 9/29/14 Open up well; no pressures. Dig out wellhead. Fill out Hot Work Permit. Check well for LEL, no LEL. Cut off wellhead. Found cement at surface in PC short string and 9-5/8" casing. Found cement in Chacra long string down 90'. Spot surface plug top off with 1" poly pipe and install P&A marker with coordinates 36° 23' 0" N/107° 23' 42" W. RD and MOL in the A.M.

Dakota Whitehawk, Jicarilla BLM representative was on location.

Bryce Hammond, Jicarilla BLM representative was on location.

Rod Velarde, Jicarilla BLM representative was on location 9/25 & 9/26.