

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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

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)

896' FSL, 1700' FWL, Sec. 33, T26N, R3W, N.M.P.M.

5. Lease Serial No.

Jic 117

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 117E 1

9. API Well No.

30-039-06198

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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 Corporation plugged and abandoned this well on 09/20/01 as per the attached plugging summary.

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

Vicki Donaghey

Title

Production Assistant

Date 10/02/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Patricia M. Keister

Title Lands and Mineral Resources

Date

OCT 15 2001

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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Energen Resources Corporation

September 21, 2001

Jicarilla 117 E #1

Page 1 of 2

896' FSL and 1700' FWL, Section 33, T-26-N, R-3-W

Rio Arriba County, NM

Jicarilla Contract No. 117, API No. 30-039-06198

Plug & Abandonment Report

Cementing Summary:

Plug #1 with existing CIBP at 3950', spot 27 sxs cement above up to 3600' to isolate the Pictured Cliffs perforations, to fill the Fruitland perforations and to cover the Kirtland top.

Plug #1b with 8 sxs cement inside casing from 3726' to 3622' to Kirtland top.

Plug #2 with retainer at 3499', mix 36 sxs cement and squeeze 18 sxs outside casing from 3550' to 3450' with 4 sxs under, until pressure increased to 2000#, sting out of CR and spot 14 sxs above up to 3318' to cover the Ojo Alamo top.

Plug #3 with retainer at 1535', mix 36 sxs cement and squeeze 24 sxs outside from 1585 to 1485' and spot 12 sxs inside casing up to 1431' to cover Nacimiento top.

Plug #4 with 24 sxs cement inside the 4-1/2" casing from 187' to surface, circulate good cement out casing valve.

Plugging Summary:

Notified BLM, JAT on 9/14/01

09-17 MO, RU. Layout relief line to pit. Open up well and blow down 30# tubing and 250# casing pressure, BH with 0#. ND wellhead and NU BOP, test. Attempt to pick up tubing hanger, stuck. Pulled up to 60,00# and used slap nuts to jar on hanger, stuck. Saturated with WD 40 and SI well. SDFD.

09-18 Safety Meeting. Blow down 160# casing pressure. Attempt to pull donut, stuck. Slap nuts, no movement. Rig up A-Plus wireline truck. String shot the wellhead with 160 grain while pulling 60,000#, stuck. String shot the donut with 240 grain, came free. TOH and tally 126 joints 2-3/8" EUE tubing, total 3930'. TIH with tubing to 3800' and pumped 50 bbls water down the tubing. Then TIH with tubing and tagged existing CIBP at 3951'. Plug #1 with existing CIBP at 3950', spot 27 sxs cement above up to 3600' to isolate the Pictured Cliffs perforations, to fill the Fruitland perforations and to cover the Kirtland top. PUH to 3555'. Reverse circulate well clean with 20 bbls water, returns 1/2 bbl cement. TOH. SDFN.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Energen Resources Corporation

September 21, 2001

Jicarilla 117 E #1

Page 2 of 2

896' FSL and 1700' FWL, Section 33, T-26-N, R-3-W

Rio Arriba County, NM

Plug & Abandonment Report

Jicarilla Contract No. 117, API No. 30-039-06198

Plugging Summary Continued:

- 09-19** Safety Meeting. No pressure. TIH and tag cement at 3726', low. Load casing with ½ bbl and then pressure test to 500# for 10 minutes, held OK. Plug # 1b with 8 sxs cement inside casing from 3726' to 3622' to Kirtland top. PUH to 3556' and reverse circulate well clean. TOH with tubing. Perforate 2 bi-wire squeeze holes at 3550'. Establish rate into holes at 1-1/2 bpm at 750#. TIH and set a 4-1/2" DHS cement retainer at 3499'. Re-establish rate into squeeze holes 1-1.2 bpm at 750#. Plug #2 with retainer at 3499', mix 36 sxs cement and squeeze 18 sxs outside casing from 3550' to 3450' with 4 sxs under, until pressure increased to 2000#, sting out of CR and spot 14 sxs above up to 3318' to cover the Ojo Alamo top. TOH with tubing. Dropped setting tool and a stand of tubing down hole. TIH and screw into fish. TOH with all of fish. SI well and SDFD.
- 09-20** Safety meeting. TIH with tubing then TOH and LD 58 joints tubing. Perforate 2 bi-wire squeeze holes at 1585'. Establish rate of 2 bpm at 500#. TIH and set 4-1/2" Baker cement retainer at 1535'. Plug #3 with retainer at 1535', mix 36 sxs cement and squeeze 24 sxs outside from 1585 to 1485' and spot 12 sxs inside casing up to 1431' to cover Nacimiento top. PUH to 187' with tubing. Plug #4 with 24 sxs cement inside the 4-1/2" casing from 187' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Found cement down 12' in 4-1/2" casing and at surface in 7-5/8" annulus. Mix 14 sxs cement to fill casing and then install P&A marker. RD and MOL.
- J. Valencia, BLM representative was on location 9/10/01.

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.