

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

Expires: November 30, 2000

5. Lease Serial No. #

Jic Cont 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 13

9. API Well No.

30-039-20545

10. Field and Pool, or Exploratory Area

Otero Chacra

11. County or Parish, State

Rio Arriba NM

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)

505-325-6800

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

1650' FSL, 1650' FEL, Sec. 20, T25N, R5W, N.M.P.M.

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.)

This well was plugged and abandoned on 6/17/02 as per the attached plugging summary.

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

Don Graham

Title

Production Superintendent

Date 8/2/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Patricia M. Hester

Title

Lands and Mineral Resources

Date

Office

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.

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 Resource Corporation

June 20, 2002

## Jicarilla 67 #13

Page 1 of 2

1650' FSL & 1650' FEL, Section 20, T-25-N, R-5-W

Rio Arriba County, NM

## Plug & Abandonment Report

Jicarilla Contract Number 07

API Number 30-039-20545

### Cementing Summary:

**Plug #1** with CIBP at 3538', spot 10 sxs cement inside casing above CIBP up to 3175' to isolate the Chacra perforations.

**Plug #2** with 10 sxs cement with 2% CaCl<sub>2</sub> inside casing from 2785' to 2550' to cover the Pictured Cliffs top.

**Plug #3** with retainer at 2500', mix and pump 71 sxs cement: tubing pressure increased up to 1500# while mixing; sting out of retainer and attempt to displace cement, unable; PUH to 2032'; squeezed 57 sxs outside casing from 2550' to 2105' and left 14 sxs inside casing to cover Fruitland, Kirtland and Ojo Alamo tops.

**Plug #4** with retainer at 1270', mix and pump 48 sxs cement, squeezes 35 sxs outside 2-7/8" casing from 1320' to 1220' and leave 13 sxs inside casing, 11 sxs with 2% CaCl<sub>2</sub>, to cover Nacimiento top.

**Plug #5** with total of 80 sxs cement: first with tubing at 262, pump 40 sxs down tubing; second, lost circulation out bradenhead valve; third, attempted to pump down bradenhead, well started circulating outside 8-5/8" surface pipe; fourth, LD tubing and pump 40 sxs cement down the 2-7/8" casing with little circulation out the bradenhead but still circulating outside the 8-5/8" casing.

Notified JAT on 6-10-02

6-10-02 Road rig and equipment to Highway #550 and park. SDFD.

6-11-02 MOL, roads extremely rough. Held JSA. RU rig. Layout relief line to pit. Open up well, slight blow on casing. Install wellhead and BOP, test. TOH and tally 108 joints tubing, LD 2 joints with pin collar, total 110 joints 1-1/4" tubing. RU A-Plus wireline truck. Round-trip 2-7/8" gauge ring to 3540'. Set PlugWell wireline CIBP at 3538'. TIH with tubing and tag CIBP. Load casing with 20 bbls of water and establish circulation out bradenhead. Circulate casing clean. Plug #1 with CIBP at 3538', spot 10 sxs cement inside casing above CIBP up to 3175' to isolate the Chacra perforations. PUH. Shut in well and WOC. SDFD.

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## Jicarilla 67 #13

Page 2 of 2

1650' FSL & 1650' FEL, Section 20, T-25-N, R-5-W

Rio Arriba County, NM

## Plug & Abandonment Report

Jicarilla Contract Number 67

API Number 30-039-20545

### Plugging Summary:

6-12-02 Held JSA . TIH and tag cement at 3201'. PUH to 2785'. Attempt to pressure test casing, circulated out bradenhead. Plug #2 with 10 sxs cement with 2% CaCl<sub>2</sub> inside casing from 2785' to 2550' to cover the Pictured Cliffs top. PUH to 2588' and circulate casing clean with bradenhead shut in. Broke circulation to surface out the back side of 8-5/8" surface casing. Shut in well and WOC. TIH and tag cement at 2588'. TOH. Perforate 3 squeeze holes at 2550'. Set 2-7/8" PlugWell wireline cement retainer at 2500'. TIH with tubing and sting into retainer. Establish rate into squeeze holes 1 bpm at 800# with well circulating out casing. Shut in casing. Plug #3 with retainer at 2500', mix and pump 71 sxs cement: tubing pressure increased up to 1500# while mixing; sting out of retainer and attempt to displace cement, unable; PUH to 2032'; squeezed 57 sxs outside casing from 2550' to 2105' and left 14 sxs inside casing to cover Fruitland, Kirtland and Ojo Alamo tops. Circulate well clean conventionally with 20 bbls water. TOH with tubing and found hole on 35<sup>th</sup> joint, 1120'. Shut in well. SDFD.

6-13-02 Held JSA. TIH with tubing, tag cement at 2019'. With bull plug on end of tubing, pressure test to 1500#. TOH with tubing. Perforate 2 squeeze holes at 1320'. Set 2-7/8" PlugWell wireline retainer at 1270'. Sting in and out of retainer. Attempt to pressure test casing, leak 1 bpm at 400#. Sting into retainer and establish rate into squeeze holes at 1 bpm at 400# with circulation out casing. Shut in casing. B. Hammond and R. Velarde, JAT, required additional cement inside casing. Plug #4 with retainer at 1270', mix and pump 48 sxs cement, squeezes 35 sxs outside 2-7/8" casing from 1320' to 1220' and leave 13 sxs inside casing, 11 sxs with 2% CaCl<sub>2</sub>, to cover Nacimiento top. TOH and LD tubing. Shut in well and WOC. Attempt to pressure test casing, established circulation out bradenhead. Tag cement at 1160'. Perforate 2 squeeze holes at 192'. TIH with 7 joints tubing to 262'. Plug #5 with total of 80 sxs cement: first with tubing at 262, pump 40 sxs down tubing; second, lost circulation out bradenhead valve; third, attempted to pump down bradenhead, well started circulating outside 8-5/8" surface pipe; fourth, LD tubing and pump 40 sxs cement down the 2-7/8" casing with little circulation out the bradenhead but still circulating outside the 8-5/8" casing. Shut in well and WOC. SDFD.

6-17-02 Held JSA. Open up well, no pressure. Found cement at surface in 2-7/8" casing and down 2' in annulus. ND BOP. Dig out and cut off wellhead. Mix 12 sxs cement and install P&A marker. RD. MOL.

B. Hammond and R. Velarde, JAT representatives, were on location.

## 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 2162.3-4). Surface rehabilitation work shall be completed within 60 days of the final abandonment. The final report on the well shall 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/disked 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.