

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.

5. Lease Serial No.

Jic Cont 89

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.

Jicarilla 89 2

9. API Well No.

30-039-07057

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

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)

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

1650' FSL, 990' FWL, Sec. 14, T27N, R3W, N.M.P.M.

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 8/14/01 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 9/28/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Brian W. Davis

Title

Lands and Mineral Resources

Date

OCT 24 2001

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 Resources Corporation

September 1, 2001

Jicarilla 89 #2

Page 1 of 2

1650' FSL and 990' FWL, Section 14, T-27-N, R-3-W

Rio Arriba County, NM

Plug & Abandonment Report

Jicarilla Contract Number 89, API Number 30-039-07057

Cementing Summary:

Plug #1 with retainer at 5563', spot 17 sxs cement above retainer up to 5416' to cover Mesaverde perforations and top.

Plug #2 with retainer at 3779', mix 234 sxs cement, squeeze 163 sxs outside 5-1/2" casing from 3836' to 3275' and leave 71 sxs inside casing up to 3219' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

Plug #2b with 27 sxs cement inside casing from 3453' to 3221' to cover Ojo Alamo top.

Plug #3 with retainer at 1427', mix 48 sxs cement, squeeze 27 sxs outside 5-1/2" casing from 1480' to 1380', squeeze pressure increased up to 2000#, stung out of CR and spotted 21 sxs inside casing up to 1298' to cover Nacimiento top.

Plug #4 with 151 sxs cement pumped down the 5-1/2" casing from 374' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified JAT on 8/9/01

08-09 Road rig and equipment. Shut down due to weather.

08-10 Crew standby for road conditions. Travel to rig. Held Safety Meeting. MOL, RU. Blow down 5# casing and tubing pressure. ND wellhead. Remove donut. NU BOP and test rams. Work packer free pulling to 50,000#. TOH with 48 joints 2-3/8" tubing with scale. Packer dragging 10,000# to 20,000# over string weight. Fluid level in casing at approximately 800' from surface. Shut in well. SDFD.

08-13 Safety Meeting. Blow down 10# tubing pressure. Continue to TOH with tubing and packer, total 195 joints 2-3/8" tubing, total 6054'. LD packer. TIH with 5-1/2" DHS retainer and set at 5563'. Pressure test tubing to 2000#, held OK. Sting out of retainer and load casing with 38 bbls water and circulate hole clean with additional 12 bbls. Attempt to pressure test casing to 500#, leak 1-1/2 bpm. Plug #1 with retainer at 5563', spot 17 sxs cement above retainer up to 5416' to cover Mesaverde perforations and top. TOH with tubing. Perforate 3 HSC squeeze holes at 3836'. TIH and set 5-1/2" DHS retainer at 3779'. Attempt to pressure test casing, leak 1-1/2 bpm at 500#. Sting into retainer and to establish rate, started circulating out casing valve. Shut in casing valve. Establish rate into squeeze holes 1-1/2 bpm at 500#. Plug #2 with retainer at 3779', mix 234 sxs cement, squeeze 163 sxs outside 5-1/2" casing from 3836' to 3275' and leave 71 sxs inside casing up to 3219' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH to 2607' and reverse circulate well clean with 30 bbls water recovering 1/2 bbl gray water. Shut in well and WOC. SDFD.

A-PLUS WELL SERVICE, INC.

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

Energen Resources Corporation

September 1, 2001

Jicarilla 89 #2

Page 2 of 2

1650' FSL and 990' FWL, Section 14, T-27-N, R-3-W
Rio Arriba County, NM
Jicarilla Contract Number

Plug & Abandonment Report

Plugging Summary Continued:

- 08-14** Safety Meeting. Open up well, no pressures. TIH and tag cement at 3453', cement fell back below Ojo Alamo top. Load casing and pressure test to 500# for 15 min, held OK. Plug #2b with 27 sxs cement inside casing from 3453' to 3221' to cover Ojo Alamo top. TOH with tubing. Perforate 3 HSC squeeze holes at 1480'. Establish rate into squeeze holes 1 bpm at 1000#. TIH and set 5-1/2" Baker retainer at 1427'. Plug #3 with retainer at 1427', mix 48 sxs cement, squeeze 27 sxs outside 5-1/2" casing from 1480' to 1380', squeeze pressure increased up to 2000#, stung out of CR and spotted 21 sxs inside casing up to 1298' to cover Nacimiento top. TOH and LD tubing. Perforate 3 HSC squeeze holes at 374'. Establish circulation out bradenhead valve with 8 bbls water. Circulate at 1-1/2 bpm at 250#. Plug #4 with 151 sxs cement pumped down the 5-1/2" casing from 374' to surface, circulate good cement out bradenhead. Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Mix 10 sxs cement and install P&A marker. RD rig and equipment. MOL.
No JAT or BLM representative 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 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.