

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 109

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 F 13

9. API Well No.

30-039-06504

10. Field and Pool, or Exploratory Area
South Blanco Pictured Cliffs

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)

1760' FNL, 1085' FWL, Sec. 16, T26N, R5W, N.M.P.M.

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

TYPE OF SUBMISSION

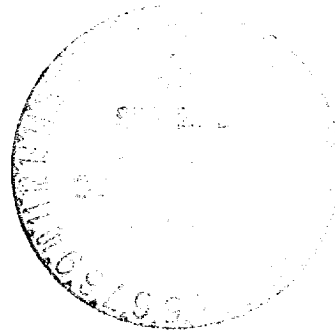
☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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 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.)

This well was plugged and abandoned on 6/20/02 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/ Brian W. Davis

Title

Lands and Mineral Resources

Date

SEP 11 2002

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 Resource Corporation

June 25, 2002

Jicarilla F #13

Page 1 of 2

1760' FNL & 1085' FWL, Section 16, T-26-N, R-5-W

Rio Arriba County, NM

Plug & Abandonment Report

Jicarilla Contract Number #109

Cementing Summary:

Plug #1 with CIBP at 3060', spot 8 sxs cement inside casing above CIBP up to 2954' to isolate the Pictured Cliffs perforations.

Plug #2 with retainer at 2870', spot 8 sxs cement inside casing above CR up to 2773' to cover Fruitland top.

Plug #3 with retainer at 2710', spot 12 sxs cement inside casing above CR up to 2275' to cover Kirtland and Ojo Alamo tops. with retainer at 2710', spot 12 sxs cement inside casing above CR up to 2275' to cover Kirtland and Ojo Alamo tops.

Plug #4 with retainer at 1460', mix and pump 57 sxs cement, squeeze 50 sxs outside 2-7/8" casing from 1510' to 1410' and leave 7 sxs inside casing to cover the Nacimiento top.

Plug #5 with 286 sxs cement pumped down the 2-7/8" casing from 388' to surface: first, pumped 160 sxs with good circulation out bradenhead; second, lost BH circulation, continue pumping 46 sxs with no circulation; third, connect pump line to bradenhead and pumped 80 sxs into bradenhead, shut in with 500#.

Plug #5a with 8 sxs cement inside casing from 256' to surface, circulate good cement out casing valve.

Plugging Summary:

Notified JAT on 6-17-02

6-17-02 MOL, RU. Layout relief line to pit. Open up well and blow down 25# tubing pressure. Pump 5 bbls of water down 2-7/8" casing 1 bpm at 500#, no blow or circulation out tubing. Unable to pressure test tubing, possible casing leak. PU on 1-1/4" tubing to release packer. Work packer free pulling 18,000# to remove slips. ND wellhead. Strip on flange and BOP, test. TOH with 1 stand of tubing well started blowing. Pump 15 bbls of water down tubing to kill well. TOH with 46 joints tubing hit tight spot at about 1500'. TOH with total 94 joints 1-1/4" IJ tubing, total 2985'. Found packer parted, left 4 joints tailpipe in hole. PU 1-1/4" bullplug and TIH. Tag packer body at 3065'. Pressure test tubing to 1500#. SI well. SDFD.

6-18-02: Held JSA. Open up well, tubing on a vacuum. POH with 1-1/4" tubing, 2985'. RU A-Plus wireline truck and round-trip 2-7/8" gauge ring to 3065'. Set 2-7/8" Owens wireline CIBP at 3060'. TIH with tubing and tag CIBP at 3060'. Load casing and circulate well clean with 25 bbls of water. Attempt to pressure test casing, leak 1-1/4 bpm at 500#. Plug #1 with CIBP at 3060', spot 8 sxs cement inside casing above CIBP up to 2954' to isolate the Pictured Cliffs perforations.

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Page 2 of 2

1760' FNL & 1085' FWL, Section 16, T-26-N, R-5-W

Rio Arriba County, NM

Plug & Abandonment Report

Jicarilla Contract Number #109

Plugging Summary:

6-18-02 Continued: PUH to 2954' and circulate hole clean with 30 bbls of water, 1 bbl cement in returns. TOH with tubing. Perforate 2 squeeze holes at 2930'. Set 2-7/8" PlugWell wireline retainer at 2870'. TIH with tubing and sting into retainer. Connect pump up to casing. Attempt to pressure test annulus, leak 1/2 bpm at 400#. Attempt to establish rate down tubing into squeeze holes at 2930', pressured up to 1500#. R. Velarde, JAT, approved procedure change. Plug #2 with retainer at 2870', spot 8 sxs cement inside casing above CR up to 2773' to cover Fruitland top. PUH to 2773' and circulate well clean with 25 bbls of water. TOH. Shut in well. SDFD.

6-19-02 Held JSA. Open up well. Attempt to pressure test casing, leak 1-1/2 bpm at 600#. RIH with wireline and tag cement at 2773'. Perforate 2 squeeze holes at 2760'. Set 2-7/8" PlugWell wireline retainer at 2710'. TIH with tubing and sting into retainer. Attempt to pressure test, leak 1-1/2 bpm at 600#. Attempt to establish rate into squeeze holes, pressured up to 1500#. Procedure change approved by JAT. Plug #3 with retainer at 2710', spot 12 sxs cement inside casing above CR up to 2275' to cover Kirtland and Ojo Alamo tops. TOH. Attempt to pressure test casing, leak 1-1/2 bpm at 600#. Perforate 2 squeeze holes at 1510'. Set 2-7/8" PlugWell wireline retainer at 1460'. TIH and sting into CR. Attempt to pressure test casing, leak 1-1/2 bpm at 600#. Establish rate into squeeze holes 1 bpm at 800# with circulation out casing. Shut in casing. Plug #4 with retainer at 1460', mix and pump 57 sxs cement, squeeze 50 sxs outside 2-7/8" casing from 1510' to 1410' and leave 7 sxs inside casing to cover the Nacimiento top. TOH and LD tubing. Perforate 2 squeeze holes at 388'. Establish circulation out bradenhead. Plug #5 with 286 sxs cement pumped down the 2-7/8" casing from 388' to surface: first, pumped 160 sxs with good circulation out bradenhead; second, lost BH circulation, continue pumping 46 sxs with no circulation; third, connect pump line to bradenhead and pumped 80 sxs into bradenhead, shut in with 500#. WOC. Dig out wellhead. SDFD.

~~**6-20-02** Held JSA. Open up blind rams. Tag cement at 256' in 2-7/8" casing. Plug #5a with 8 sxs cement inside casing from 256' to surface, circulate good cement out casing valve. TOH and LD tubing. ND BOP. Cut off wellhead. Found cement at surface in casing and annulus. Mix 8 sxs cement and install P&A marker. RD and MOL. R. Velarde, JAT representative, was on location 6/18/02.~~

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/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.