

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway; Farmington, NM 87401

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

1100' FNL, 790' FWL, Sec. 6, T26N, R5W, N.M.P.M.

5. Lease Designation and Serial No.

Jic Cont 152

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla West 9A

9. API Well No.

30-039-21979

10. Field and Pool, or exploratory Area

Otero Chacra
Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Energen intends to plug and abandon this well as per the attached plugging procedure.

14. I hereby certify that the foregoing is true and correct

Signed

Don Graham

Title

Drilling & Completion Foreman

Date

8/21/00

(This space for Federal or State office use)

Approved by

BD

Title

Lands and Mineral Resources

Date

10/19/00

Conditions of approval, if any:

attached

Title 18 U.S.C. Section 1001, 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.

PLUG AND ABANDONMENT PROCEDURE

8/17/00

Jicarilla West #9A

Blanco Mesaverde / Wildcat Chacra
1100' FNL and 790' FWL, Section 6, T25N, R5W
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Dig and line pit for waste fluid. Comply with all NMOCD, BLM, and Energen safety regulations.
2. POH and tally 2-3/8" tubing (4836'); visually inspect. If necessary LD 2-3/8" tubing and PU workstring. Round-trip 4-1/2" gauge ring to 4788' or as deep as possible.
3. **Plug #1 (Mesaverde perforations and top, 4788' – 4688')**: Set 4-1/2" wireline CIBP at 4788'. Load casing with water and pressure test to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement and spot a balanced plug above the CIBP to isolate Mesaverde interval. PUH to 4162'.
4. **Plug #2 (Chacra top, 4162' – 4062')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Chacra top. PUH to 3417'.
5. **Plug #3 (Pictured Cliffs, casing shoe and liner top, 3417' – 3060')**: Mix 48 sxs Class B cement and spot a balanced plug inside casing to cover liner and PC top. PUH to 2870'.
6. **Plug #4 (Fruitland, Kirtland and Ojo Alamo tops, 2870' - 2455')**: Mix 87 sxs Class B cement and spot a balanced plug inside casing to cover tops through Ojo Alamo top. PUH to 1500'.
7. **Plug #5 (Nacimiento top, 1500' – 1400')**: Mix 28 sxs Class B cement and spot a balanced plug inside casing to cover Nacimiento top. TOH and LD tubing.
8. **Plug #6 (Surface)**: Perforate 3 squeeze holes at 301'. Establish circulation out bradenhead valve. Mix and pump approximately 105 sxs Class B cement down 7" casing, circulate cement out bradenhead valve. SI and WOC.
9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location. Backfill pit and clean up location.

Jicarilla West #9A

Current

Blanco Mesaverde/ Wildcat Chacra

NW, Section 9, T-25-N, R-5-W, Rio Arriba County, NM

Today's Date: 8/17/00

Spud: 1/16/79

Completed: 6/1/79

Elevation: 6513' (GL)
6523' (KB)

13-3/4" Hole

9-5/8" 36# K-55 Csg set @ 251'
Cmt w/ 250 sxs (Circulated to Surface)

Well History

May '00: P&A Chacra: Pull tubing and packer; set RBP, set packer and swab test Chacra perms for 3 days; squeeze Ch perms with 75 sxs; DO cement and PT to 1500#; set CIBP at 4980' and swab MV perms; re-perf 4838'-78 and acidize; swab test, wet; land tubing.

Nacimiento @ 1550'

TOC @ 1550' (CBL)

Ojo Alamo @ 2505'

Kirtland @ 2645'

2-3/8" Tubing at 4836
(150 joints, EUE with SN)

Fruitland @ 2820'

Pictured Cliffs @ 3110'

Liner top at 3167'
TOC @ liner top (Calc, 75%)

8-3/4" Hole

7" 23# K-55 Csg set @ 3367'
Cemented with 200 sxs (283 cf)

Chacra @ 4112'

Sqz'd Chacra zone 4118' - 4130'
with 75 sxs cement (5/00)

Mesaverde @ 4814'

Mesaverde Perforations:
4838' - 5399'

5563' PBTD

6-1/4" Hole

4-1/2" 10.5# Casing Liner at 5604'
Cemented 270 sxs (340 cf)

5609' TD

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 can 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.