

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)

990' FSL, 990' FEL, Sec. 14, T26N, R3W, N.M.P.M.

5. Lease Designation and Serial No.

Jic99

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla 99 11

9. API Well No.

30-039-20165

10. Field and Pool, or exploratory Area

Gavilan Pictured Cliffs

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 Resources Corporation 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 Alan Graham

Title Drilling & Completion Foreman

Date 1/15/01

(This space for Federal or State office use)

Approved by /s/ Brian W. Davis

Title Lands and Mineral Resources

Date JAN 22 2001

Conditions of approval, if any:

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.

\* See Instruction on Reverse Side

## PLUG & ABANDONMENT PROCEDURE

1/13/01

### Jicarilla 99 #11

Gavilan Pictured Cliffs  
990' FSL & 990' FEL, Section 14, T-26-N, R-3-W  
Rio Arriba Co., 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. All cement is ASTM Type II, (15.6ppg, 1.18 cf/sx).

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. Hold safety meeting for all personnel on location. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. PU on tubing and release Model "G" packer at 3623'. TOH and tally tubing; LD packer. If necessary LD tubing and PU 1-1/4" or 1-1/2" IJ workstring. If packer dragged coming out of hole round-trip 3-1/2" gauge rig to 3685'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland and Kirtland tops, 3685' – 3545')**: Set 3-1/2" wireline CIBP at 3685'. TIH with tubing and tag CIBP. Load casing with water and circulate the well clean. Pressure test casing to 500#, observe bradenhead for flow or blow. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 9 sxs cement and spot a balanced plug inside casing above the CIBP, to isolate PC perforations and cover through Kirtland top. PUH to 3420' and reverse clean. TOH with tubing.
4. **Plug #2 (Ojo Alamo top, 3392' – 3292')**: Perforate 2 bi-wire squeeze holes at 3392'. Establish rate into squeeze holes if casing tested. Mix 37 sxs cement and pump down the 3-1/2" casing, squeeze 25 sxs cement outside 3-1/2" casing and leave 12 sxs cement inside casing to cover Ojo Alamo top, displace to 3000'. WOC and tag cement. If casing does not test, then set a 3-1/2" wireline retainer at 3342'. Establish rate into squeeze holes and use 31 sxs cement. TOH with tubing.
4. **Plug #3 (Nacimiento top, 1690' – 1590')**: Perforate 2 squeeze holes at 1690'. Establish rate into squeeze holes if casing tested. Mix 37 sxs cement and pump down the 3-1/2" casing, squeeze 25 sxs cement outside 3-1/2" casing and leave 12 sxs cement inside casing to cover Nacimiento top, displace to 1400'. WOC and tag cement. If casing does not test, then set a 3-1/2" wireline retainer at 1640'. Establish rate into squeeze holes and use 31 sxs cement. TOH and LD tubing.
5. **Plug #4 (7" casing shoe, 313' - Surface)**: Perforate 2 squeeze holes at 313'. Establish circulation out bradenhead. Mix and pump approximately 65 cement down 3-1/2" casing, circulate good cement out bradenhead valve. SI and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# Jicarilla 99 #11

**Current**

Gavilan Pictured Cliffs

SE, Section 14, T-26-N, R-3-W, Rio Arriba County, NM

Long:      / Lat:

Today's Date: 1/13/01

Spud: 12/9/68

Completed: 5/3/69

Elevation: 7273' GL  
7286' KB

9" hole

7" 23# Casing set @ 263'  
Cmt w/ 100 sxs (Circulated to Surface)

## Well History

**Jul '98:** Bradenhead test, no flow.

**Feb '99:** Pulled tubing, tag fill at 3797', PT tubing, land tubing back.

**Apr '99:** Pulled tubing then ran Model "G" packer, set at 3623'.

**Feb '00:** Swabbed well: initial FL at 2100'; made 37 runs and recovered 40.5 bbls fluid; final FL at 2900.

Nacimiento @ 1640'

1-1/4" Tubing set at 3751'  
(115 joints with SN at 3719' and  
Model G packer at 3623')

Ojo Alamo @ 3342'

TOC @ 3588' (Calc, 75%)

Kirtland @ 3595'

Fruitland @ 3660'

**Model "G" Packer @ 3623'**

Pictured Cliffs @ 3743'

Pictured Cliffs Perforations:  
3735' – 3788'

6-1/4" hole

PBTD 3842'

3-1/2" 9.3# Casing set @ 3891'  
Cemented with 50 sxs (59 cf)

TD 3892'

# Jicarilla 99 #11

## Proposed P&A

Gavilan Pictured Cliffs

SE, Section 14, T-26-N, R-3-W, Rio Arriba County, NM

Long: / Lat:

Today's Date: 1/13/01

Spud: 12/9/68

Completed: 5/3/69

Elevation: 7273' GL  
7286' KB

9" hole

7" 23# Casing set @ 263'  
Cmt w/ 100 sxs (Circulated to Surface)

Perforate @ 313'

**Plug #4** 313' - Surface  
Cement with 65 sxs

Nacimiento @ 1640'

Perforate @ 1690'

**Plug #3** 1690' - 1590'  
Cement with 31 sxs,  
25 sxs outside casing  
and 6 sxs inside.

Ojo Alamo @ 3342'

Perforate @ 3392'

**Plug #2** 3392' - 3292'  
Cement with 31 sxs,  
25 sxs outside casing  
and 6 sxs inside.

Kirtland @ 3595'

TOC @ 3588' (Calc, 75%)

Fruitland @ 3660'

**Plug #1** 3685' - 3545'  
Cement with 9 sxs

Pictured Cliffs @ 3743'

Set CIBP @ 3685'

Pictured Cliffs Perforations:  
3735' - 3788'

PBTD 3842'

3-1/2" 9.3# Casing set @ 3891'  
Cemented with 50 sxs (59 cf)

6-1/4" hole

TD 3892'