

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

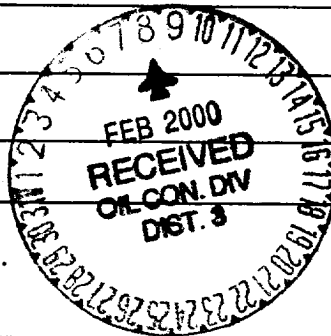
ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

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

1650' FNL, 990' FEL, Sec. 8, T26N, R3W, N.M.P.M.



5. Lease Designation and Serial No.

Jic 97

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla 97 #3

9. API Well No.

30-039-06605

10. Field and Pool, or exploratory Area

Tapacito 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.)\*

It is intended to plug and abandon this well as per the attached plugging procedure.

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

Signed

*Monica Papp*

Title Production Assistant

Date 11/12/99

(This space for Federal or State office use)

Approved by

*[Signature]*

Title

*Prodr. Eng.*

Date

*02-03-00*

Conditions of approval, if any:

## PLUG AND ABANDONMENT PROCEDURE

11-8-99

### Jicarilla 97 C #3

Tapacito Pictured Cliffs

1650' FNL and 990' FEL, Section 8, T26N, R3W

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. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP. TOH and inspect 120 joints 2-3/8" tubing (3719'), if necessary LD tubing and PU workstring. Round trip a 7-5/8" gauge ring or casing scraper to 3551'.
3. **Plug #1 (Pictured Cliffs interval, 3551' – 3173')**: TIH and set 7-5/8" wireline CIBP at 3551'. TIH with tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 96 sxs Class B cement and spot a balanced plug above CIBP inside 7-5/8" casing to isolate the Pictured Cliffs perforations and to cover tops through the Ojo Alamo top. TOH to with tubing.
4. **Plug #2 (Nacimiento top, 1650' - 1550')**: Perforate 3 HSC squeeze holes at 1650'. Establish rate into squeeze holes if casing tested. TIH with open-ended tubing to 1650'. Mix and spot 70 sxs Class B cement inside 7-5/8" casing, then PUH to 1000' and squeeze 36 sxs cement outside 7-5/8" casing and leave 34 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing. WOC then tag cement with wireline. If casing leaks after plug #1, then set 7-5/8" retainer at 1600' and do not WOC. TOH and LD tubing with stinger.
5. **Plug #3 (10-3/4" Surface Casing, 371' - Surface)**: Perforate 3 squeeze holes at 371'. Establish circulation out bradenhead valve. Mix and pump approximately 200 sxs Class B cement down 7-5/8" casing and circulate good cement out bradenhead valve. Shut in well and WOC.
6. 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 97 C #3

## Proposed P&A

Tapacito Pictured Cliffs

NE, Section 8, T-26-N, R-3-W, Rio Arriba County, NM

Today's Date: 11/8/99

Spud: 9/15 57

Completed: 10/30/57

Elevation: 6932' (GL)

13-3/4" Hole

Nacimiento @ 1600'

Ojo Alamo @ 3223'

Kirtland / Fritland @ 3350'

Pictured Cliffs @ 3597'

Mesaverde @ 5304'

9-5/8" Hole

6-3/4" Hole

TD 5876'

10-3/4" 32.75#, H-40 Csg set @ 321'  
Cmt w/ 250 sxs, did not circulate to surface.  
Cmt w/additional 200 sxs, circulated.

Perforate @ 371'

Plug #3 371' - Surface  
Cmt with 200 sxs Class B

Cmt Retainer @ 1600'

Perforate @ 1650'

Plug #2 1650' - 1550'  
Cmt with 70 sxs Class B.  
36 sxs outside casing  
and 34 inside.

TOC @ 2850' (T.S.)

Set CIBP @ 3551'

Plug #1 3551' - 3173'  
Cmt with 96 sxs Class B

Pictured Cliffs Perforations:  
3501' - 3700'

CIBP @ 3761' (1963)

Liner top at 3762'

7-5/8" 26.4#, J55 Csg set @ 3920'  
Cemented with 175 sxs

Perf @ 5400', no circulation  
Perf at 5325' and sqz liner w/100  
sxs and circulate to TOL.

Mesaverde Perforations:  
5341' - 5402', 5776' - 5866'

P&A MV: Cmt w/100 sxs  
TOC at 5229' (1963)

5-1/2" 15.5# Casing Liner from 5876' to 3762'  
Cemented 175 sxs

# Jicarilla 97 C #3

## Current

Tapacito Pictured Cliffs

NE, Section 8, T-26-N, R-3-W, Rio Arriba County, NM

Today's Date. 11/8/99  
Spud: 9/15/57  
Completed: 10/30/57  
Elevation 6932' (GL)

13-3/4" Hole

10-3/4" 32.75#, H-40 Csg set @ 321'  
Cmt w/ 250 sxs, did not circulate to surface.  
Cmt w/additional 200 sxs, circulated.

### Well History

Apr '63: P&A MV and restimulate PC perms:  
pump 100 Class A cmt into MV perms and over  
top. TOC 5229'. Set 7-5/8" CIBP at 3761' and  
spot 5 sxs to 3718'. Re-Perf PC zone with  
crack jets and 2 conventional jets, re-frac with  
water, sand and CO<sub>2</sub>.

Nacimiento @ 1600'

TOC @ 2850' (T.S.)

Ojo Alamo @ 3223'

Kirtland / Fruitland @ 3350'

2-3/8" Tubing Set at 3719'  
(120 jts)

Pictured Cliffs @ 3597'

Pictured Cliffs Perforations:  
3601' - 3700'

CIBP @ 3761' (1963)

Liner top at 3762'

9-5/8" Hole

7-5/8" 26.4#, J55 Csg set @ 3920'  
Cemented with 175 sxs

Perf @ 5400', no circulation  
Perf at 5325' and sqz liner w/100  
sxs and circulate to TOL.

Mesaverde @ 5304'

Mesaverde Perforations:  
5341' - 5402', 5776' - 5866'

P&A MV: Cmt w/100 sxs  
TOC at 5229' (1963)

6-3/4" Hole

5-1/2" 15.5# Casing Liner from 5876' to 3762'  
Cemented 175 sxs

TD 5876'