

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

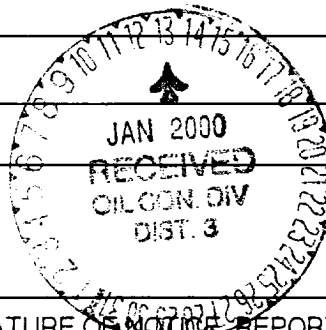
ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

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

990' FNL, 1650' FEL, Sec. 5, T26N, R5W N.M.P.M.



5. Lease Designation and Serial No.

Jicarilla 152

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla 152W 2

9. API Well No.

30-039-06726

10. Field and Pool, or exploratory Area

S. Blanco Pictured Cliffs/
Blanco Mesaverde/Basin DK

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 Downhole Commingle
☐ 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 Downhole Commingle this well as follows:

1. MIRU. TOH and lay down 1 1/4" PC tubing.
2. Release Model EGJ packer at 4770' and pull out of packer at 7420'. TOH.
3. TIH with packer milling assembly. Mill out Baker Model D at 7420'. TOH.
4. TIH and clean out to 7600' with air mist. Land tubing at 7550'. Install single wellhead.

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

Signed

Title Production Superintendent

Date 10/22/99

(This space for Federal or State office use)

Approved by

Title

Barry E. ...

Date

12/17/99

Conditions of approval, if any:

chsc

Jicarilla 152 W #2
Unit B, Section 5, T 26 N, R 5 W
Rio Arriba Co., N.M.

Subject: Economic Justification To Downhole Commingle

Current Oil Price -- \$20.00
Current Gas Price -- \$2.10 Net less gathering & processing

The Basin Dakota side of this Triple completion was temporarily abandoned in 1967 to repair a packer leak. Due to the mechanical configuration of the wellbore, the Pictured Cliffs and the Mesa Verde is experiencing liquid loading problems. Commingling will allow recovery of the abandoned Dakota reserves and utilize the entire flowstream to keep the liquids unloaded from the well.

| | |
|---------------------------------|-------------------|
| Current Mesa Verde Rate: | 124 MCFD |
| Projected Mesa Verde Rate: | 140 MCFD & 1/2 BO |
| Projected Dakota Rate | 80 MCFD & 1/2 BO |
| Current Pictured Cliffs Rate: | 33 MCFD |
| Projected Pictured Cliffs Rate: | 40 MCFD |

Incremental Uplift: 103 MCFD & 1 BO

Increased Revenue Stream

| | | |
|---------------------------|---------------------|--------------|
| Gas Revenue | $103 * 2.10 * 30 =$ | \$6489 |
| Oil Revenue | $1 * 20.00 * 30 =$ | <u>\$600</u> |
| Increased Monthly Revenue | | \$7089 |

| | |
|-------------------|-----------------|
| Increased Royalty | \$886 per month |
|-------------------|-----------------|

Downhole commingling will eliminate waste by recovering abandon reserves, assist in keeping the well unloaded, stabilize the flowstream and extend the life of the well through increased efficiencies.