

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)

1480' FSL, 1665' FWL, 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 4

9. API Well No.

30-039-21727

10. Field and Pool, or exploratory Area

S. Blanco Pictured Cliffs/
Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

RECEIVED
OCT - 8 1999
OIL & GAS DIVISION
DALLAS

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" tubing. Release seal assembly and TOH.
2. TIH and clean out to 5780'. Land tubing at 5730'. Install single wellhead.

99 OCT - 1 PM 2:05
LAND MANAGEMENT DIVISION
DALLAS, TEXAS

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

Signed

Title Production Superintendent

Date 10/1/99

(This space for Federal or State office use)

Approved by

Title Petro. Eng.

Date 10/5/99

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

Jicarilla 152W 4
Unit K, 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 Pictured Cliffs has experienced liquid loading problems and requires time cycle controlling to keep it producing. It is felt if the mechanical restrictions can be removed from the wellbore and a plunger lift system installed, an increase in total production will be realized.

Current Mesa Verde Rate:	240 MCFD & 1 BOPD
Projected Mesa Verde Rate:	250 MCFD & 1 1/2 BO
Current PC Rate:	127 MCFD
Projected PC Rate:	140 MCFD

Incremental Uplift:	23 MCFD & 1/2 BO
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Increased Revenue Stream

Gas Revenue	$23 * 2.10 * 30 =$	\$1449
Oil Revenue	$.5 * 20.00 * 30 =$	<u>\$300</u>
Increased Monthly Revenue		\$1749

Increased Royalty	\$219 per month
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Downhole commingling will eliminate the waste of having the Pictured Cliffs shut in, stabilize the flowstream and extend the life of the well through increased efficiencies.