

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)

900' FNL, 990' FEL, 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 8

9. API Well No.

30-039-06729

10. Field and Pool, or exploratory Area

Blanco MV/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 wellbore as follows:

1. MIRU. TOH and laydown MV tubing. Release seal assembly and laydown DK tubing.
2. Pickup 2 3/8" workstring and packer milling assembly. Mill out packer at 6025'. TOH.
3. TIH with fishing tools. Fish 1282' of 1 1/4" tubing on top of packer. TOH.
4. TIH with fishing tools. Fish stuck seal assembly. TOH.
5. TIH with packer milling assembly. Mill out packer at 7350'. TOH.
6. TIH and clean out to 7598' with air mist. Land tubing at 7500'. Install single wellhead.

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

Signed

Title Production Superintendent

Date 6/21/99

(This space for Federal or State office use)

Approved by

Title

Date

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 West #8
Unit A, Section 6, T 26 N, R 5 W
Rio Arriba Co., N.M.

Subject: Economic Justification To Downhole Commingle

Current Oil Price -- \$14.00

Current Gas Price -- \$1.50 Net less gathering & processing

The Blanco Mesa Verde side of this dual completion has extreme liquid loading problems. In addition, the Dakota is producing through two packers with junk between the packers which is very inefficient. It is planned to utilize the Dakota flowstream and a plunger lift system to keep the well unloaded. The projected rates are as follows:

Current Mesa Verde Rate:	33 MCFD
Projected Mesa Verde Rate:	50 MCFD
Current Dakota Rate:	86 MCFD
Projected Dakota Rate:	120 MCFD
Incremental Uplift:	51 MCFD

Increased Revenue Stream

Gas Revenue $51 * 1.50 * 30 = \$2295$

Increased Royalty \$287 per month

Downhole commingling will eliminate the waste of venting gas to the atmosphere to keep the well unloaded, stabilize the flowstream and extend the life of the well through increased efficiencies.