

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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

99 APR 18 PM 1:25
DIV. ALBUQUERQUE

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)

1525' FSL, 1460' FEL, Sec. 6, T26N, R4W, N.M.P.M. DIST. 3

5. Lease Designation and Serial No.

Jic Cont 119

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla 119N 4A

9. API Well No.

30-039-22980

10. Field and Pool, or exploratory Area

Tapacito PC/Blanco MV

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 laydown PC tubing string.
2. Release PBR and TOH.
3. TIH and clean out to 6400'.
4. Land 2 3/8" tubing at 6320'. Install single wellhead.

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

Signed

Title Production Superintendent

Date

4/13/99

(This space for Federal or State office use)

Approved by

Lands and Mineral Resources

Title

Date

4/28/99

Conditions of approval, if any:

Jicarilla 119N #4A
Unit J, Section 6, T 26 N, R 4 W
Rio Arriba Co., N.M.

Subject: Economic Justification To Downhole Commingle

Current Oil Price -- \$14.00

Current Gas Price -- \$1.20 Net less gathering & processing

The Tapicito Pictured Cliffs side of this dual completion has extreme liquid loading problems. Operationally, this well is located behind a lateral compressor and the depleted bottom hole pressure makes it difficult to keep the well unloaded. Commingling will allow the installation of a plunger system to stabilize to flowstream and utilize the Mesa Verde gas to keep the well unloaded.

Current Mesa Verde Rate:	133 MCFD
Projected Mesa Verde Rate:	160 MCFD & ½ BO
Current PC Rate:	72 MCFD
Projected PC Rate:	90 MCFD
Incremental Uplift:	45 MCFD & ½ BO

Increased Revenue Stream

Gas Revenue	$45 * 1.20 * 30 = \$1620$
Oil Revenue	$\frac{1}{2} * 14.00 * 30 = \210
Increased Monthly Revenue	\$1830

Increased Royalty	\$229 per month
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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.

CONDITIONS OF APPROVAL FOR DOWNHOLE COMMINGLING

Operator Energen Resources Well Name Jic. 119N #4A

1. The individual production zones will be tested every three years, or more often if production rates indicate a change to allocation factors, to verify that the allocation factors and methods remain proper.
2. Production from downhole commingled wells are to be reported with an alpha character, "C" (ie C1, C2, etc).
3. The following modifications to your downhole commingling program are to be made :

Submit well bore diagram upon completion of well.