

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

010 ALBUQUERQUE, N.M.

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)

1850' FSL, 830' FWL, Sec. 6, T26N, R4W, N.M.P.M.

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OIL CON. DIV.
DIST. 3

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

Jic Cont 119

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla 119N 5

9. API Well No.

30-039-06682

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 lay down PC tubing string.
2. Release packer and TOH.
3. TIH and cleanout to 6140'.
4. Land 2 3/8" tubing at 6100'. 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

Title

Lands and Mineral Resources

Date

4/28/99

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 119 N #5
Unit L, 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 Blanco Mesa Verde side of this dual completion has extreme liquid loading problems. Operationally, the well requires unloading every week to keep the well producing at its average rate. Commingling will allow the installation of a plunger system to stabilize to flowstream.

Current Mesa Verde Rate:	57 MCFD
Projected Mesa Verde Rate:	80 MCFD & 1/2 BO
Current Pictured Cliffs Rate:	117 MCFD
Projected Pictured Cliffs Rate:	135 MCFD
Incremental Uplift:	41 MCFD & 1/2 BO

Increased Revenue Stream

Gas Revenue	$41 * 1.20 * 30 =$	\$1476
Oil Revenue	$1/2 * 14.00 * 30 =$	<u>\$210</u>
Increased Monthly Revenue		\$1686

Increased Royalty	\$211 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 #5

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.