

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF 079609	
2. Name of Operator ENERGEN RESOURCES		6. If Indian, Allottee or Tribe Name	
3a. Address 2198 BLOOMFIELD HIGHWAY FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 505.325.6800		8. Well Name and No. MCCRODEN A 5	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T25N R3W NWSE 2157FSL 1900FEL		9. API Well No. 30-039-23245	
		10. Field and Pool, or Exploratory WEST LINDRITH GALLUP-DAKO	
		11. County or Parish, and State RIO ARRIBA COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

In accordance to case 12346, Order #R-11363, it is intended to add the Mesaverde and down-hole commingle it with the West Lindrith Gallup-Dakota as follows:

1. MIRU. TOH with tubing.
2. Set a RBP at 6700'. Pressure test casing to 3000 psi.
3. Run a GR-CCL-CBL log across the Mesaverde.
4. Selectively perforate the Mesaverde from 5740-5980'. Fracture treat with 60Q Foam.
5. Flow back frac and clean out wellbore with air mist.
6. Release RBP and TOH.
7. TIH and clean out to PBTD. Land tubing at 7980'.
8. Return to production as a Mesaverde/Gallup-Dakota Down-hole Commingle.

AFMSS

Adm
Engr
Geol
Surf
Appvl

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #26426 verified by the BLM Well Information System For ENERGEN RESOURCES, sent to the Rio Puerco Committed to AFMSS for processing by ANGIE MEDINA-JONES on 02/17/2004 ()	
Name (Printed/Typed) CHARLIE DONAHUE	Title DISTRICT ENGINEER
Signature (Electronic Submission)	Date 02/16/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Adam Sanchez</i>	Division of Multi-Resources	Date 3/16/04
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK OR A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator
ENERGEN RESOURCES CORPORATION

3. Address of Operator
2198 Bloomfield Highway, Farmington, NM 87401

4. Well Location
Unit Letter **J** : **2157** feet from the **South** line and **1900** feet from the **East** line
Section **8** Township **25N** Range **3W** NMPM County **Rio Arriba**

5. Well API NO.
30-039-23245

6. Indicate Type of Lease
STATE ☐ FEE ☐

7. State Oil & Gas Lease No.
NMSE 079609

8. Lease Name or Unit Agreement Name:
McCroden A

9. Well No.
5

10. Pool name or Wildcat
Blanco MV/ W. Lindrith GL-Dk

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
7132' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: Pay Add & Downhole Commingle <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

In accordance to case 12346, Order # R-11363, It is intended to downhole commingle the Blanco MV(72319) and the W. Lindrith GL-Dk (39189).
MV perforations 5740-5980' Est., GL-DK perforations 6870-7986'.
Current Rates: MV- Not yet completed. GL/DK- 24 MCFD & 2 BO. Recommended allocation- Subtraction method following 60 days of stabilized production. Rates reported to NMCD-Aztec for final determination.

The EIM has been notified of this pay add via Form 3160-5.

All formation fluids are compatible and no loss of production will result by commingling.
All working interest, overriding and royalty interests are identical in this wellbore.

R-1386AZ

hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Charlie Donahue TITLE District Engineer DATE 1/7/04

Type or print name Charlie Donahue Telephone No. 505-325-6800

This space for State use)

APPROVED BY _____ TITLE _____ DATE JAN 12 2004

Conditions of approval, if any:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23245	² Pool Code 72319 / 39189	³ Pool Name Blanco Mesaverde / West Lindrith Gallup-Dakota
⁴ Property Code 21977	⁵ Property Name McCroden A	⁶ Well Number 5
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES CORPORATION	⁹ Elevation 7132' GR

¹⁰ Surface Location

UL or lot no. J	Section 8	Township 25N	Range 3W	Lot. Idn	Feet from the 2157	North/South line South	Feet from the 1900	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 160 / 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. N6P R-6497A
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>10</div>	<div>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Charlie Donahue Printed Name District Engineer Title January 7, 2004 Date</div>
	<div>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. April 21, 1983 Date of Survey Signature and Seal of Professional Surveyor. Michael Daly Certificate Number 5992</div>