

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary-Designate

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Jami Bailey, Division Director**  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: May 14, 2013

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng
30-039-22272-00-00	JICARILLA 152 W	006	ENERGEN RESOURCES CORPORATION	G	A	Rio Arriba	J	E	5	26	N	5

Conditions of Approval:  
Provide CBL for agencies review prior to perforating

JUN 27 2013

\_\_\_\_\_  
NMOCD Approved by Signature

\_\_\_\_\_  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

MAY 14 2013

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Farmington Field Office

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.  
Jicarilla 152W

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
Jicarilla 152W 06

9. API Well No.  
30-039-22272

10. Field and Pool, or Exploratory Area  
Basin Dakota/  
Basin Mancos

11. County or Parish, State  
Rio Arriba NM

1. Type of Well  
 Oil Well [ ] Gas Well [ ] Other

2. Name of Operator  
Energen Resources Corporation

3a. Address  
2010 Afton Place, Farmington, NM 87401

3b. Phone No. (include area code)  
(505) 325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1550' FNL 860' FWL, Sec. 05, T. 26N, R. 5W

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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>add Mancos &amp; DHC Mancos &amp; DK</u>

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 recompleate 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 recompleation 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 final site is ready for final inspection.)

In accordance to Case 14862, Order # R-12984-B, it is intended to downhole commingle the Basin DK (71599) and Basin Mancos (97232). The existing DK perforations are 7392'-7598'' and the estimated Mancos perforations are 6578'-6756''. A CBL will be run from 7000' to surface to determine TOC. If necessary, squeeze holes may be shot above TOC and attempt to circulate cement to surface. Selectively perforate and fracture the zone. Clean out to PBTD. Run tubing & put well on production. Recommended allocation will be by Subtraction method following 60 days of stabilized production. Commingling will not reduce the total remaining production's value. The interest owners are identical for each zone. Rates reported to NMOCD - Aztec for final determination.

*- Provide CBL results prior to commencing recompleatin operations*

RCVD JUN 4 '13  
OIL CONS. DIV.  
DIST. 3

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

Name (Printed/Typed)  
Adam Klem

Signature

Title District Engineer

Date 5/14/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title Petr. Eng.

Date 5/22/13

Office

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.

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

NMOCD PV