

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: July 19th, 2013

Well information:

API/WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft
30-045-24720-00-00	FEDERAL	001R	ENERGEN RESOURCES CORPORATION	G	A	San Juan	F	O	21	25	N	9	W	1030	S	1810

Conditions of Approval:

- *Notify NMOCD 24hrs prior to beginning operations.
- * Prior to perforating provide CBL to agencies for review
- *File C104 and completion report for Basin Mancos before returning to production

JUL 26 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

JUL 18 2013

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No.
SF-078521

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Federal 21 1R

9. API Well No.
30-045-24720

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

11. County or Parish, State
San Juan NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

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)
1030' FSL 1810' FEL, Sec. 21, T. 25N, R. 09W

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 <u>add</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Basin Mancos</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>DHC w/ Basin 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 recomplate 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 recomplate 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.)

Energren Resources intends to downhole commingle the Basin DK (71599) and Basin Mancos (97232). The existing DK perforations are 6366'-6390'. A CBL will be run from 6300' to surface to determine TOC. The estimated Gallup perforations are 5558'-5340' at 3spf and will be stimulated in two fracture stages. The well will be cleaned out to PBTD and produced through both zones.

RCVD JUL 23 '13
OIL CONS. DIV.
DIST. 3

DHC 3842 A2

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

Name (Printed/Typed)
Collin Placke

Title
District Engineer

Signature
Collin Placke

Date
7/17/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Original Signed: Stephen Mason

Title
Date
JUL 19 2013

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.

NMOCDD