

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

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

JUN 09 2011

Farmington Field Office

Bureau of Land Management

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)

1980' FSL, 1900' FEL, Sec. 35, T27N, R3W, N.M.P.M.

5. Lease Serial No.

Jicarilla Contract 95

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 95 1B

9. API Well No.

30-039-26309

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other PC PayAdd

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

and Downhole

☐ Convert to Injection

☐ Plug Back

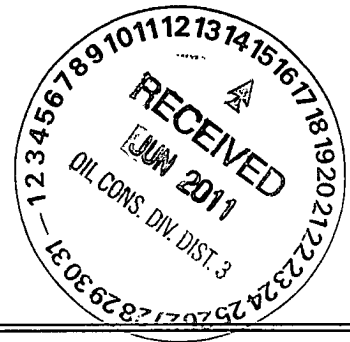
☐ Water Disposal

Commingling

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 final site is ready for final inspection.)

In accordance with Case 12346, Order #R-11363, Energen Resources intends to downhole commingle the Blanco MV (72319) and Gavilan PC (77360) per the attached procedure.

Recommended allocation will be by the 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.



Requires 107A Application & Order from SF

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Martin Cabrera

Title District Engineer

Signature

Date 06/09/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUN 13 2011

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, 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.

NM - H

Energen Resources Corp.
Pay Add Schedule – Jicarilla 95 1B
API# 30-039-26309
DP#3199019B
AFE# SJ11-112

Location: 1980' FSL, 1900' FEL, Section 35, T 27 N, R 03 W, Rio Arriba Co., N.M.

Field: Blanco Mesaverde Elevation: 7213' TD: 6421' PBTD: 6379' KB: 14'

Cemented:

Consultant:

<u>Casing Record:</u>	<u>Csg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>TOC</u>
	9-5/8"	32.# H-40	242'	160 sks	Surface
	7"	20# K-55	4216'	530 sks	Surface
	4-1/2"	10.5# K-55	4019'-6421'	290 sks	Surface

<u>Formation Tops:</u>				
	Ojo Alamo	3178'	Lewis	3964'
	Kirtland	3550'	Cliffhouse	5620'
	Fruitland	3612'	Menefee	5700'
	Pictured Cliffs	3822'	Point Lookout	5985'

Logging Record: GR/TEMP/HRI:GR/SPEC DEN/DUAL SPACED NEUT

Existing Perforations MV: 5627'-5924' w/ 1 SPF, 6015'-6259' w/ 1 SPF

Recommended Completion Procedure:

1. MIRU WSU NUBOP. PU extra tubing & check for fill before TOH. Scan tubing while TOH (Tuboscope). Round trip 7" scraper.
2. RIH w/ CBP and set +/- 3950'. Load tubing w/ 2% KCl water. Install 5K frac valve. Pressure test BP, casing & frac valve to 3000 psi.
3. MIRU WL. TIH & perforate the PC formation per the selected interval.

Perforate Pictured Cliffs: Selectively Perforate between 3822'-3964'

4. RU Phoenix Wireline & RIH w/ BHP gauges. Note: Need to pressure test Phoenix lubricator above frac valve to make sure no leaks while doing DFIT test.
5. RU Halliburton & pump 2% KCl water, establish an injection rate between 5-10 bbl/min – hold steady for 10 min pump time w/o any variation in rate.

6. Fracture the PC per the attached Halliburton procedure. Note: The Max treating pressure will be 80% yield press. Maximum rate to be limited to 15 BPM (total rate) to ensure we stay within our target zone. Will frac w/ MonoProp.
 7. TIH w/ tubing and Drill out CBP.
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8. Cleanout to PBTD w/ air mist, TOH TIH w/ Prod. Tubing and land tubing.
 9. NDBOP NUWH RDMO WSU. Turn the well over to production.
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