

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2198 Bloomfield Hwy, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1580' fnl, 2140' fel

Sec 35 T26N R11W

5. Lease Serial No.

SE-078937

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

PL Davis #4F

9. API Well No.

30-045-34112

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan 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

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input checked="" 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 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.)

Energen Resources would like to change the setting depth of the 9 5/8" surface casing from 200' to 320' 383' and cement with 175 sks of Type V cement.

Energen Resources would like to also change the drilled hole size for the production longstring from a 6 1/4" hole to 7 7/8" and cement the casing with two (2) stages as follows:

Set stage collar @ 2865' and cement with 460 sks of 50/50 Type V cement (13.0 ppg, 1.35 cuft/sk) lead and 700 sks 50/50 Type V cement (13.5 ppg, 1.30 cuft/sk) tail.

Cement 2nd stage with 675 sks 65/35 Type V cement (12.3 ppg, 1.93 cuft/sk) lead and Type V cement (15.4 ppg, 1.18 cuft/sk) tail.

RCVD APR2'07
OIL CONS. DIV.
DIST. 314. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Nathan Smith

Title

Drilling Engineer

Date 3/13/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy L. Salvers

Title Petroleum Engineer

Date 3/28/07

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 FFO

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 8/

Operations Plan

March 13, 2007

PL Davis #4F

General Information

Location	1580' fnl, 2140' fel swne S35, T26N, R11W San Juan County, New Mexico
Elevations	6332' GL
Total Depth	6274' (MD)
Formation Objective	Basin Dakota

Formation Tops

Nacimiento	Surface	Menefee Fm	3083'
Ojo Alamo Ss	513'	Point Lookout Ss	3958'
Kirtland Sh	598'	Mancos Shale	4248'
Fruitland Fm	1213'	Graneros Shale	5948'
Top Coal	1268'	Dakota "Twowells" Ss	6013'
Bottom Coal	1483'	Dakota "Paguete" Ss	6058'
Pictured Cliffs Ss	1498'	Dakota "Cubero" Ss	6103'
Lewis Shale	1673'	Dakota "Oak Canyon" Ss	6203'
Cliffhouse Ss	3063'	Dakota "Encinal Cyn" Ss	6218'
		Total Depth	6274'

Drilling

The 12 1/4" wellbore will be drilled with a fresh water mud system.

The 6 1/4" wellbore will be drilled with a low solids non-dispersed fresh water mud system. Weighting materials will be drill cuttings. Mud density is expected to range from 8.3 ppg to 8.9 ppg.

Blowout Control Specifications:

A 2000 psi minimum double ram or annulus BOP stack (figure 1) will be used following nipple up of casing head. A 2" nominal, 2000 psi minimum choke manifold will also be used. An upper Kelly Cock valve handle and drill string valve should be available to fit each drill string and be available on the rig floor during drilling operations.

Logging Program:

Open hole logs: From Surface to TD – Temp / HRI / CNT, LDT / GR

Surveys: Surface and/or every 500' to TD

Tubulars

Casing, Tubing, & Casing Equipment:

String	Interval	Wellbore	Casing	Csg Wt	Grade
Surface	0'-320'	12 1/4"	9 5/8"	32.3 ppf	H-40 ST&C
Production	0'-6274'	7 7/8"	4 1/2"	11.6 ppf	J-55 LT&C
Tubing	0'-6200'		2 3/8"	4.7 ppf	J-55