

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 Highway; Farmington, NM 87401

3b. Phone No. (include area code)

505.325.1600

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

1176' ENL, 890' FEL, Sec. 21, T30N, R04W, NMEM
NE/NE

5. Lease Serial No.

NMSF 079487A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
San Juan 30-4 Unit

8. Well Name and No.

San Juan 30-4 Unit #14

9. API Well No.

30-039-07808

10. Field and Pool, or Exploratory Area
East Blanco Pictured Cliffs

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

- | | | | |
|---|--|--|---|
| <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 type="checkbox"/> Change Plans | <input checked="" 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 final site is ready for final inspection.)

Energen Resources intends to plug and abandon the San Juan 30-4 Unit #14 according to the attached plugging procedure.

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

Vicki Donaghey

Title

Regulatory Analyst

Date 08/08/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

NMOCD

**Plug and Abandonment Procedure
San Juan 30-4 Unit #14
East Blanco Pictured Cliffs
1176' FNL & 890' FEL Section 21, T30N, R4W
API # 30-039-07808**

Note: Workover Rig is already rigged up on the well. We've milled junk in the well bore to a depth of 4172'. A bridge plug is set at 4200', which is above the Pictured Cliffs top (4254').

- 1. Plug #1 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo – Ojo Alamo top @ 3631').** TIH and tag up on junk at approximately 4172'. Pull up 5' and set tubing. Mix 70 sx Class B w/1% CaCl and spot a balanced plug above the bridge plug to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo formations. TOH w/2-3/8" tubing to above the cement plug. Wash up on top of plug, TIH and tag plug to insure the cement top is 50' above the top of the Ojo Alamo. TOH w/tubing.
- 2. Plug #2 (Nacimiento – Top @ 2501').** Perforate 3 squeeze holes at 2551'. Set 5-1/2" cement retainer at 2540'. Establish rate into squeeze holes. Mix and pump 21 sx Class B cement w/2% CaCl, squeeze 20 sx outside the casing and leave 1 sx inside casing below retainer. Sting out of retainer and pump 10 sx Class B cement w/2% CaCl on top of retainer. TOH w/tubing to above the cement plug. Wash up on top of plug, TIH and tag plug to insure the cement top is 50' above the top of the Nacimiento. Note: if unable to establish a rate into squeeze holes, sting out of retainer and pump 10 sx Class B cement w/2% CaCl on top of retainer.
- 3. Plug #3 (9-5/8" Surface casing, 130' - Surface):** Set tubing at 180'. Mix and pump approximately 20 sx Class B cement w/2% CaCl and fill the 5-1/2" casing to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC.
- 4. ND BOP and cut off casing below surface casing flange.** Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

ENERGEN RESOURCES

Pertinent Data Sheet

Date: 5/3/2006 Well Name: San Juan 30-4 Unit #14 API#: 30-039-07808 DP#: 49628A
Unit: A Sec: 21 Twp: 30N Rge: 4W Footage: 1176' FNL, 890' FEL
County: Rio Arriba State: NM Spud: 4/27/56 Completed: 6/3/56
Field: East Blanco Pictured Cliffs Elev: 7513' TD: 4568' PBDT: KB: 12'
Perfs: PC 4255'-4265', 4284'-4296', 4315'-4325', 4443'-4453', 4473'-4483', 4502'-4512'

Frac: PC 4443'-4512' w/ 72,600 gal water & 60,000# sand; 4255'-4325' w/ 69,720 gals water & 60,000# sand

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
13 3/4"	9 5/8"	25.4# S.W.	130'	125 sks	Circ to surface
8 3/4"	5 1/2"	15.5# J-55	4568'	300 sks	3400' TS

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
2 3/8"	138	4.7# J-55	4342' KB	4309' KB	3498' (Model R)

Rod & Pump Record:

Rod Size	# Rods	Length	Grade
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Log Record:

Formation Tops:

Ojo Alamo	3631	Menefee
Kirtland	3860	Point Lookout
Fruitland	4122	Mancos
Pictured Cliffs	4254	Gallup
Lewis	4512	Graneros
Cliffhouse		Dakota

Work History: (10-15 to 10-29-2005)MIRUCU CSG = 40 PSI TBG = 10 PSI NU TO WELLHEAD
PULLED MODEL R PKR W/112 JTS ABOVE PKR =26 JTS BELOW. LD PKR LEFT 26 IN HOLE, SD.
CSG = 25 PSI TBG = 0 PSI.

TOH W/ REMAINDER OF TBG.TOTAL TBG = 138 JTS 2 3/8" EUE 4.7# J-5.

PU 4 3/4" TRI CONE ROCK BOT & 4 3/4" STRING MILL & TIH, DROP STANDING VALVE, LOAD
TBG W 2% KCL, TESTED TBG TO 1500 PSI, RETRIEVE STANDING VALVE/

TAGGED FILL 4350' TRIED TO CLEAN OUT. CLEANED 5' TO 4355', TOO H, LD MILL & BIT, PU
RBP & PKR, TIH, SET RBP 15' IN ON JT # 135 = 4225',

PUH 15' , SET PKR @ 4204',TESTED RBP & PKR TO 500 PSI- OK,

PUH 106 JTS IN SET PKR @ 3327' TEST DOWN TBG TO 500 PSI, NO TEST PUMPED IN 2-3 BPM
@ 250 PSI, SD ON VACUUM.

TIH 2 JTS= 108 JTS IN = 3390', SET PKR, NO TEST, TBG 2-3 BPM @ 250 PSI, SD ON VACUUM.

TIH 12 JTS = 120 JTS IN = 3764', TBG TEST 500 PSI HELD.

TOOH 6 JTS = 114 JTS IN = 3577' TBG TESTED 500 PSI, HELD.