

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

JAN 27 2015

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 of Land Management

Lease Serial No.

NMSF080469

6. If Indian, Allottee or Tribe Name

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

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)

990' FNL 1650' FWL, Sec. 2 T29N R11W, N.M.P.M. (C) NE/NW

8. Well Name and No.

Murphy A Com A #2

9. API Well No.

30-045-08818

10. Field and Pool, or Exploratory Area

Aztec Pictured Cliffs

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

BP

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.)

Energien Resources permanently plugged and abandoned the Murphy A Com A #2 according to the attached attached report.

Approved as to plugging
of the well bore. Liability
under bond is retained until
surface restoration is completed.

RECEIVED

FEB 02 2015

NMOCD
DISTRICT III

ACCEPTED FOR RECORD

FEB 02 2015

FARMINGTON FIELD OFFICE
BY: J. Salazar14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Berger

Title Sr. Production Assistant

Signature

Patsy Berger

Date 1/27/2015

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

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 *fax: 505-325-1211

Energen Resources Corporation
Murphy A Com#2

December 29, 2014
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990' FNL and 1650' FWL, Section 02, T-29-N, R-11-W
San Juan County, NM
Lease Number: NMNM080469
API #30-045-08818

Plug and Abandonment Report Notified NMOCD and BLM on 12/19/14

Plug and Abandonment Summary:

- Plug #1** with CR at 2003' spot 35 sxs (41.3 cf) Class B cement with 2% Cal. Chloride from 2003'-1694' to isolate the Pictured Cliff interval. ✓
- Plug #2** with squeeze holes at 1650' and CR at 1622' spot 51 sxs (6.18 cf) Class B cement from 1650'-1472' to cover the Fruitland top. Pump 28 sxs to load tubing, sting into CR at 1622'. Pump 23 sxs and displace cement until 34 sxs below CR. 4 inside and 30 sxs outside 5-1/2" casing. Final rate 1/4 BPM at 1200 PSI. Sting out of CR and leave 17 sxs from 1650'-1472' TOC. ✓
- Plug #3** with squeeze holes at 900' and CR at 870' spot 93 sxs (109.74 cf) Class B cement with 2% Cal Chloride from 900'-623' to cover Kirtland and Ojo Alamo tops. 1) Pump 65 sxs below CR. 4 sxs inside and 61 sxs outside 5-1/2" casing. 2) SI BH and open 5-1/2" casing valve. Sting out of CR. 3) Pump 28 sxs above CR from 870'-623' TOC. ✓
- Plug #4** with 129 sxs (152.22 cf) Class B cement inside casing from 185'-surface to cover casing shoe and surface. 1) Pump 99 sxs to circulate good cement out BH valve. 2) SI 5-1/2" casing and RU pump to BH valve. 3) Pump 30 sxs down BH. 150 PSI on BH when stopped pumping. SI BH. ✓

Plugging Work Details:

- 12/19/14 Rode equipment to location. Spot in and RU. Check well pressures: tubing and BH less than 2 PSI; casing 0 PSI. Open well to pit. Attempt to ND WH. Unable to remove cap from tubing head. Casing rotted in independent casing head. SI Well. SDFD.
- 12/22/14 Check well pressures: tubing, casing and BH 0 PSI. Pump 10 bbls of water down casing. Check for LEL, no LEL. Write Hot Work Permit. Cut cap off of casing head. Cut casing above casing head. Strip on Energen 10-3/4" companion flange. Pump 10 bbls down casing. Weld on companion flange. Strip on and NU 11-1/16" x 6-1/6" X-O, flow tee and BOP. TOH and tally 61 joints, 2007.11". Scale on tubing. X-Over for 2-3/8" tubing. PU A-Plus string mill. TIH to 2005'. TOH and LD mill. TIH and set CR at 2003'. Pump 47 bbls of water and circulate clean with total of 52 bbls of water. Attempt to pressure test casing. Circulate out BH with 2 bbls of water. TOH with 10 stands. SI Well. SDFD.
- 12/23/14 Check well pressures: tubing, casing and BH 0 PSI. Open well to pit. Pump 7 bbls of water into casing. A Plus WL ran CBL from 2000'-surface. Good cement in annulus up to 1700', and bridges from 575'-300'. TIH and Tag CR at 2003'. Pump 7 bbls of water to circulate out casing and BH valves. T. Salyers, BLM, and B. Powell, NMOCD, approved procedure change. Spot Plug #1. SI Well. WOC. TIH and Tag Plug #1 TOC at 1714'. Pump 5 bbls of water to circulate out BH. A Plus WL perforated at 1650'. TIH and set CR at 1622'.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
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Murphy A Com #2

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990' FNL and 1650' FWL, Section 02, T-29-N, R-11-W
San Juan County, NM
Lease Number: NMNM080469
API #30-045-08818

Plug and Abandonment Report Notified NMOCD and BLM on 12/19/14

Plug and Abandonment Summary

- 12/23/14 Pressure test tubing to 1500 PSI, held ok. Release and sting out of CR. Pump 1 bbl of water and circulate out casing and BH valves. Sting into CR. Establish rate of 1/2 BPM at 1000 PSI. Sting out of CR. Spot Plug #2. TOH and LD tubing to TOC. SI Well. SDFD.
- 12/24/14 Check well pressures: Casing and BH 0 PSI. Open well to pit. TIH and tag Plug #2 at 1450'. Pump 5 bbls of water to circulate out BH. A Plus WL perforated at 900'. TIH and set CR at 870'. Establish circulation out casing and BH valves with 1/2 bbl of water. Pump an additional 3 bbls with no pressure. Sting into CR. Establish rate of 2 BPM at 1000 PSI. Spot Plug #3. SI Well. WOC. TIH and tag Plug #3 at 650'. Establish circulation out BH with 1 bbl of water. Pump red dye test – 10.5 bbls at 2 BPM at 0 PSI to circulate returns. Hole in casing at 185'. K. Mason, Energen, V. Lucero, BLM, and B. Powell, NMOCD, approved to pump Plug #4 with existing hole. ✓ Spot Plug #4. SI Well. SDFD.
- 12/29/14 Check well pressures: casing and BH 0 PSI. Open well to pit. Tag cement in 5-1/2" casing at 29'. Dig out WH. Monitor well for CO and LEL. Pump 1/8 bbl of water and pressure up to 300 PSI. Bled 300-250 PSI in 3 minutes. BH bubbling. RD rig. Install valve in casing head and SI BH. MOL.
- 1/20/15 Dig out WH, perform hot work permit. Cut off WH, CMT in the 4 1/2" CSG down 27' & 4 1/2" 8 5/8" annulus. Casing was down 3'. RU cmt pump. Set DHM w/ 24 sks 15.6# 1.18 yld, 28.32 cuft class B CMT.
- Darin Haliburton, BLM representative, was on location. ✓ Mark Decker, BLM representative was on location on 12/29/14. ✓