

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

RECEIVED

APR 06 2016

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 page 2

Farmington Field Office
Bureau of Land Management

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-080724-A
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 2010 Afton Place, Farmington, NM 87401	3b. Phone No. (include area code) (505) 325-6800	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL 660' FEL, Sec. 34, T29N, R10W, N.M.P.M., (I) NE/SE		8. Well Name and No. Zachry 34
		9. API Well No. 30-045-25466
		10. Field and Pool, or Exploratory Area Armenta-Gallup
		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	TYPE OF ACTION			
<input 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 checked="" 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 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 permanently plugged and abandoned the Zachry #34 according to the attached report.

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

ACCEPTED FOR RECORD

MAY 06 2016

FARMINGTON FIELD OFFICE
BY: [Signature]

OIL CONS. DIV DIST. 3

MAY 12 2016

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Anna Stotts		Title Regulatory Analyst
Signature [Signature]		Date 4/5/16

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.

NMOC D

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Energen Resources Corporation

Plug And Abandonment End Of Well Report

Zachary #34

1980' FSL & 660' FEL, Section 34, T-29-N, R-10-W

San Juan County, NM / API 30-045-25466

Work Summary:

- 3/21/16** NMOCD and BLM notified of P&A operations to commence 3/22/16
- 3/22/16** Move rig and equipment to location. Check well pressures: tubing 85 PSI, casing 90 PSI and bradenhead 30 PSI. Bleed down well. Nipple up BOP and function test. Pull tubing hangar and TOOH with 93 stds 2 3/8" tubing. P/U 5 1/2" casing scrapper, TIH and make scraper run to top perforation at 5323'. TOOH and lay down casing scraper.
- 3/23/16** P/U 5 1/2" CR TIH and set CR at 5273'. Test tubing to 800 PSI. Sting out of CR. Establish circulation out of casing valve. Pressure test casing to 500 PSI. Spot 1st plug on top of CR at 5273'. Lay down tubing, spot 2nd plug at 4840'. Lay down tubing, stand back remaining work string and lay down setting tool.
- 3/24/16** TIH and spot 3rd plug at 3472'. Lay down tubing and spot 4th plug at 2842'. Lay down tubing and spot 5th plug at 1882'. Lay down tubing and spot 6th plug at 850'. Lay down tubing and spot 7th plug at 331'. Lay down rest of tubing and wash out BOP. RD and MOL.
- 3/31/16** Top off well with additional cement as mandated by BLM and NMOCD. Cut off wellhead and install P&A marker.

Plug Summary:

Plug #1: (Gallup 5273'-5123', 18 Sacks Class G Cement)

Mix 18 sx Class G cement and spot a balanced plug inside casing to cover Gallup formation top.

Plug #2: (Mancos and Intermediate Shoe 4840-4487', 53 Sacks Class G Cement)

Mix 53 sx Class G cement and spot a balanced plug inside casing to cover Mancos formation top and intermediate shoe.

Plug #3: (Mesa Verde Formation Top 3472'-3322', 37 Sacks Class G Cement)

Mix 37 sx Class G cement and spot a balanced plug inside casing to cover Mesa Verde formation top.

Plug #4: (Chacra Formation Top 2842'-2692', 37 Sacks Class G Cement)

Mix 37 sx Class G cement and spot a balanced plug inside casing to cover Chacra formation top.

Plug #5: (Pictured Cliffs - Fruitland Formation Top 1882'-1480', 104 Sacks Class G Cement)

Mix 104 sx Class G cement and spot a balanced plug inside casing to cover Pictured Cliffs - Fruitland formation tops.

Plug #6: (Ojo Alamo Top 850'-600', 77 Sacks Class G Cement)

Mix 77 sx Class G cement and spot a balanced plug inside casing to cover Ojo Alamo formation top.

Plug #7: (Surface Shoe and Surface 331'-surface, 103 Sacks Class G Cement)

Mix approximately 103 sx cement and spot a balanced plug from 331' to surface, circulate good cement out of casing valve.