

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 JUN 18 2013

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
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF 079090
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) 780' ENL, 2600' FEL, Sec. 24, T32N, R06W, N.M.P.M. (B) NW/NE		8. Well Name and No. Navajo Lake # 103
		9. API Well No. 30-039-29891
		10. Field and Pool, or Exploratory Area Basin Fruitland Coal
		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	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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input 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 recomplate 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 recompletion 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.)

Engeren Resources repaired a shallow casing leak on this well according to the attached procedure.

OIL CONS. DIV DIST. 3
JUL 05 2013

ACCEPTED FOR RECORD

JUL 01 2013

FARMINGTON FIELD OFFICE
BY T. Sayers

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kirt Snyder		Title District Engineer
Signature 		Date 6/14/2013

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.

NMOCDA

Completed Workover Procedure
Navajo Lake #103
NE/4 Section 24, T32N, R05W

1. MIRU WSU. ND WH. NU BOP.
2. TOH w/ 2-3/8" tbg – scana-log out of the hole and tally. Replace bad tubing.
3. TIH w/ RBP and set @ 2,000' MD.
4. TIH w/ Hornet Packer and set @ 200' MD. Pressure test between RBP and packer to 750 psi for 15 min. Shut valve on packer and pressure test top to 750 psi for 15 min.
5. Disassemble well head/casing head and evaluate. **Hole in casing found at surface to 3 ft with visual inspection.**
6. NU WH. MIRU wireline. Run CBL, MTT, and camera to evaluate casing integrity.
7. Cut top of 7" intermediate casing and remove slips.
8. Wash over and cut out, and back off 7" casing down to collar at 93' KB. PU and TIH w/ 2 new jts of 7" 23# K-55 csg. Screw into collar @ 93' KB.
9. ND BOP. NU WH. TIH down annulus w/ 3/4" tubing. Pump 3 bbls class G Neat cement at 15.6 ppg and fill to surface. POH w/ 3/4" tubing, top annulus off. Set slips. Cut 7" casing to desired height. Dress and re install casing head. Pressure test casing to 760 psi. Dropped to 720 psi in 30 min. Tested good.
10. TIH w/ on/off tool and latch hornet packer. Open valve and equalize. Release packer, TOH, and LD packer assembly. TIH and latch RBP. Equalize pressure. TOH w/ RBP and LD.
11. TIH with 2-3/8" tubing per Production Foreman specifications.
12. ND BOP. NU WH.
13. RDMO WSU. Turn well over to production.