

## New Mexico Oil Conservation Division, District 1

625 N. French Drive

Roswell, NM 88240

Form 3160-5  
(March 2012)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014**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.**

SEP 17 2012

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD2. Name of Operator  
CROSS BORDER RESOURCES3a. Address  
2515 MCKINNEY AVENUE SUITE 900  
DALLAS, TEXAS 752013b. Phone No. (include area code)  
214-871-04004. Location of Well (Footage, Sec., T. R. M., or Survey Description)  
SHL 660' FSL & 660' FWL BHL 1113' FSL & 2482' FWL

Unit M, 34-7s-31e

5. Lease Serial No.  
NMNM 0046153A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
MILLER FEDERAL #6 SWD9. API Well No.  
30-005-2053010. Field and Pool or Exploratory Area  
TOM-TOM11. County or Parish, State  
CHAVES COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 checked="" type="checkbox"/> Other WELL REPAIR
	<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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

SEE ATTACHED PROCEDURE

Approval Subject To Calling The BLM Roswell Field Office At Least 24 Hours Prior To The Scheduled Mechanical Integrity Test (MIT). For Wells In Chaves And Roosevelt County, During Office Hours Or After Office Hours Call (575) 627-0205.

APPROVED FOR 3 MONTH PERIOD  
ENDING DEC 11 2012

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

Title Agent of Cross Border Resources

Signature

Date 09/07/2012

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

PETROLEUM ENGINEER

Title

SEP 11 2012

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 these rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

ROSWELL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

RMR Operating, LLC.  
415 West Wall Suites 910  
Midland, Texas 79701

Phone 214-871-0400

WORKOVER PROCEDURE

September 6, 2012

Cross Border Resources, Inc.  
Miller Federal #6 SWD  
Sec 34, T-7S, R31E  
SHL 660' FSL & 660 FWL  
BHL 1113' FSL & 2482' FWL  
Chaves County, New Mexico

API # 30-005-20530

GL: 4294' KB: 4305'

Casing:

Hole	Casing	Weight	Grade	Depth	Cement
12 1/4"	8 5/8"	24#	K-55	1,465'	600 sxs cmt cir.
7 7/8"	5 1/2"	15.5#	K-55	4,125'	275 sxs cmt

Lateral Drilled 12/94 Milled 5 1/2" csg 3,612' to 3,687', Kicked off at 3662' to 4230' MD, TVD 3,894' drilled from 4230' to 5,674' MD lateral TVD 3912' - 4 3/4" Lateral drilled to 5,674' (TVD 3912')

DISCUSSION:

The tbg was pulled from the well 8-29-12 and multiple holes were found in the tbg. A RBP and pkr were run, an attempt was made to find and isolate problems in the csg. The tools were moved and set in many different areas and several attempts were made to isolate a positive test in the csg. A positive test was not located, the tbg and tools were pulled from the hole. A bit and scrapper was ran to clean the csg ID, a csg inspection log was ran, with several holes indicated. The well was capped to establish plan to repair, and place well back in service.

Miller Federal #6 SWD

Workover procedure

Page 2 of 2

1. Set matting board for Rig. (Notify BLM RFO 24 hrs in advance of starting repair operations)
2. ND 5 1/2" x 2 3/8" csg head, NU 5 1/2" x 4 1/2" csg head. NU 3k manual BOPS w/ 4 1/2" pipe rams.
3. GIH w/ 4" hydraulic set ECP (External Casing Packer), stage tool and 3575' of 4 1/2" 10.5# J-55 FL4S csg.
4. Drop plug and set packer, and isolate below 4 1/2" csg and drop plug and open stage tool.
5. Circulate and cmt csg with 70 sxs class C neat cmt w/ an additional 530 sxs cmt to squeeze in the annulus of 5 1/2" csg. ( This is 21% calculated excess and friction reducers will be added to cmt)
  - a. Break circulation
  - b. Circulate cmt with the annulus of the 5 1/2" closed and the annulus of the 4 1/2" opened.
  - c. When cmt reaches surface on the 4 1/2" annulus pinch valve closed and open annulus of 5 1/2" csg to force cmt up between the 8 5/8" and the 5 1/2". Circulate until cmt is seen at surface or all 700 sxs have been pumped with 4 1/2" calculated displacement volume on top of 4 1/2" wiper plug.
  - d. Have sugar on location to pour in open top tank to prevent cmt from setting.
6. Shut well in and allow cmt to set up.
7. ND cmt head, ND BOP, set slips and pack off on 4 1/2" csg. Install 4 1/2" x 2 3/8" csg head and NU BOP with 2 3/8" pipe rams.
8. GIH w/ bit 4 2 7/8" collars and 2 3/8" work string and drill out cmt and plugs from the bottom of csg.
  - a. Do not allow bit to enter into milled hole or lateral below 4 1/2" csg.
  - b. Circulation should be lost when plug is drilled.
9. Pull out of hole laying down work string and tools.
10. TIH w/ nickel plated 4 1/2" x 2 3/8" ADI tension packer, and 3,550' of 2 3/8" plastic coated tbg.
11. Set packer, nipple down BOP and NU well head. Pressure back side of csg on chart to 750 psi and hold for 30 minutes for integrity test. (Notify BLM RFO 24 hrs in advance of test)
12. Install coated surface valve, coated meter and surface equipment as needed, to place well back in service.

Tommy W. Folsom

EVP & Director of E&P

Cross Border Resources  
 Tom 36 State #1 SWD  
 Sec 36, T-7S, R-31E  
 SHL 660' FNL and 660' FEL  
 BHL 1897' FNL & 1695' FEL  
 Chaves County, New Mexico

