

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AMMO  
Labels

FORM 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-perforate an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
15677

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 4**  
SEP 08 2014

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
Cross Border Resources, Inc.

3a. Address  
2515 McKinney, Suite 900  
Dallas, Texas 75201

3b. Phone No. (include area code)  
214-871-0400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
330' FSL and 990' FWL, Section 27, T7S, R31E,

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

8. Well Name and No.  
Hahn Federal #7

9. API Well No.  
30-005-20774

10. Field and Pool or Exploratory Area  
Tom Tom (San Andres)

11. County or Parish, State  
Chaves

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 checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" 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 <u>Perforate P-3, acidize and return to production.</u>
	<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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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.)

- MIRU workover unit. NU 3000# double manual BOP's. Pick up additional 2-3/8" J-55 EUE production tubing. Tag T.D. and POOH. Tally out of the hole. Need to confirm PBTD of 4084'. Proposed perfs are 12' above PBTD.
- MIRU wireline unit. RIH w/ 3-1/8" casing guns and perforate the P-3 San Andres intervals as follows: 4035'-37'(3 holes), 4041'-4053'(13 holes), 4056'-59'(3 holes), 4062'-4076'(15 holes) (1 SPF, Total of 34 holes)
- RIH w/ 4-1/2" treating packer. Set packer at 4000'. Attempt to load hole to make sure the packer has a seat in the casing Acidize P-3 perforations (4035'-4076') with 6,000 gallons 20% NEFE HCL. Drop 75 ball sealers. Do not exceed 2500 psig or 2.5 BPM. Let acid sit for one hour. Swab load back and determine fluid rates and oil cut.
- Release packer. Reset packer at 3850' and set RBP at 4200'. Acidize original perforations with 6,000 gallons 20% NEFE HCL. Pump 1000 gallons of acid then drop 1000# rocks salt in Tom Tom produced water. Repeat the process till the final stage is 1000 gallons 20% NEFE HCL acid. Flush perforations with 200 bbls (two transports) of fresh water.
- Allow acide and fresh water to react for two hours before swabbing. Swab well until well cleans up. Release packer and RBP and POOH.
- RIH with production equipment. Return well to production.  
PLEASE SEE ATTACHED WELL BORE DIAGRAM

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

Title Chairman

Signature *Alan W Barksdale* Date 8/21/14

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by *[Signature]* Title *AFM Lands & Minerals* Date *9-2-14*

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 *Boswell 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.

SEP 12 2014 *[Signature]*

## WELL DATA SHEET

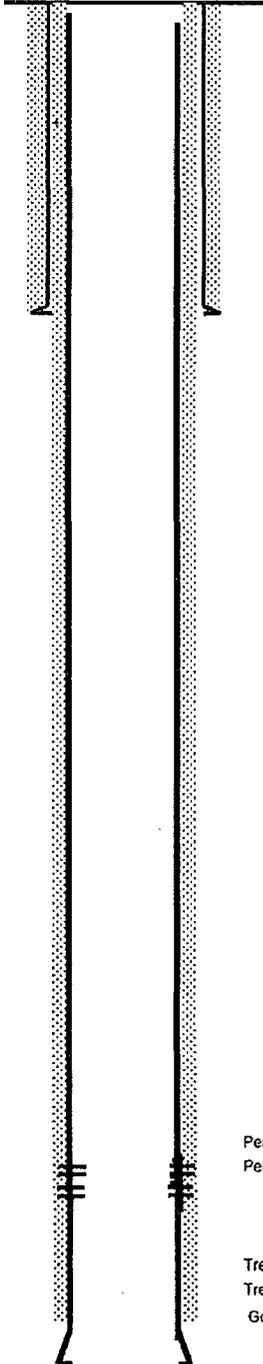
**LEASE:** Hahn Federal  
**LOC:** 330' FSL and 990' FWL  
**STATUS:** Producing  
**TD:** 4105  
**PBTD:** 4084  
**COTD:** 4084

**WELL:** #7  
**CURRENT COMPLETION**  
**SEC:** 27 BLK  
**CO:** Chaves  
**ST:** New Mexico

**FIELD:** Tom Tom (San Andres)  
**SURVEY:** T-7-S, R-31-E  
**API NO:** 30-005-20774  
**LEASE #** 15677

**Spud Date:** 2/28/1981  
**Comp. Date:** 3/13/81

**GL:** 4339  
**DF:**  
**KB:**



**Csg Detail:**  
**Hole Size:** 12-1/4"  
 8-5/8" OD 24 #/ft, grade K-55  
**csg set @** 1473 w/ 1702 sx.  
**Circ?** Yes **TOC @** Surface **By** Visual

**Hole Size:** 7-7/8"  
 4.5 OD 10.5 #/ft, grade K-55  
**csg set @** 4104 w/ 250 sx.  
**Circ?** No **TOC @** N/A **By** N/A

Perfs: 3893,94,95,98,3900,01,03,12,13,14,20,24,25,26,27,,32,33,34,37,38  
 Perfs: 39,41,42,53,54,58,59,61,62

Treatment: 4086-4158' Acidize with 7,000 gallons 15% NEFE HCl  
 Treatment: 3894'-4172" Acidize with 13,000 gallons 15% NEFE HCl  
 Good ball action but no ball out.

**Hahn Federal #7**  
**(API = 30-005-20774)**  
**330' FNL and 990' FWL**  
**Section 27, Twp. 7-S, Rge-31-E**  
**Chaves County, New Mexico**  
**GL=4339'**

**Perforate the P-3, acidize and return to production**

1. MIRU workover unit. NU 3000# double manual BOP's. Pick up additional 2-3/8" J-55 EUE production tubing. Tag T.D. and POOH. Tally out of the hole. Need to confirm PBTD of 4084'. Proposed perfs are 12' above PBTD.
2. MIRU wireline unit. RIH w/ 3-1/8" casing guns and perforate the P-3 San Andres intervals as follows: 4035'-37'(3 holes), 4041'-4053'(13 holes), 4056'-59'(3 holes),4062'-4076'(15 holes) (1 SPF, Total of 34 holes)
3. RIH w/ 4-1/2" treating packer. Set packer at 4000'. Attempt to load hole to make sure the packer has a seat in the casing Acidize P-3 perforations (4035'-4076') with 6,000 gallons 20% NEFE HCL. Drop 75 ball sealers. Do not exceed 2500 psig or 2.5 BPM. Let acid sit for one hour. Swab load back and determine fluid rates and oil cut.
4. Release packer. Reset packer at 3850' and set RBP at 4200'. Acidize original perforations with 6,000 gallons 20% NEFE HCl. Pump 1000 gallons of acid then drop 1000# rocks salt in Tom Tom produced water. Repeat the process till the final stage is 1000 gallons 20% NEFE HCl acid. Flush perforations with 200 bbls (two transports) of fresh water.
5. Allow acid and fresh water to react for two hours before swabbing. Swab well until well cleans up. Release packer and RBP and POOH.
6. RIH with production equipment. Return well to production.