

**HOBBSD**

**MAR 02 2015**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOCD**  
**Hobbs**

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-enter 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 2.

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
Cross Border Resources, Inc. ✓

3a. Address  
2515 McKinney Ave, Suite 900  
Dallas, TX 75201

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

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

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 County, NM

12. CHECK THE 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 checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" 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 checked="" type="checkbox"/> Other <u>Perforated P-3</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>acidized and returned</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>to production.</u>

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 recomplete 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 recompletion 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.)

9/17/14 MIRU pulling unit. Removed horse head. Pulled out of the hole with rods and pump.  
 9/18/14 Opened well. ND wellhead- wellhead slips and bowl were stuck. NU BOP. Picked up and ran in with tbg to tag. Ran in 12' on first joint. Pulled out of the hole with 130 jts of 2 3/8" tbg, s.n. 4' perf. Sub with B.P. Tallied tbg out of the hole, tagged fill at 4,019. picked up notched collar, bailer check, 16 jts of tbg cavity, bailer, and sufficient tbg to tag fill. Worked bailer and cleaned out to PBTD. Pulled up above perfs. Waited for 1hr. Ran in to PBTD. Pulled out of the hole with tbg and tools.  
 9/19/14 Opened well. Rigged up JSI wireline. Ran in with 3.712 gauge ring and junk basket to pbtd. Correlated to log dated 03-10-81. PBTD-3,076'+corrected wireline depth. Pulled out with gauge ring. Picked up casing gun and correlated depth and perforated from 4,056'-4,059', 4,062'-4,076', pulled out with perf gun. All shots fired. Picked up second gun. Correlated depth and perforated from 4,035'-4,037', 4,041'-4,053'. Pulled out with perf gun. All shots fired. Rigged dn wireline. Rigged up hydro-test tbg testers. Tested tbg to 3,000 psi above slips. Rigged dn tbg testers. Set packer at 4,006'. Released packer and pulled 6 jts and left packer swinging above perfs.  
 (Continued)

\*\*\*Please see attachment\*\*

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

Title Chairman

Signature *Alan Barksdale* Date 2/13/15

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

Approved by **ACCEPTED FOR RECORD**  
**(ORIG. SGD.) DAVID R. GLASS**

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.

Title \_\_\_\_\_ Date *KW*  
Office **Roswell Field Office**

Title 18 U.S.C. Section 1067 and 1111, 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)

**MAR 02 2015**

**Hahn Federal #7 API: 30-005-20774 (Continued)**

**9/22/14** Opened well. Ran in with 6 jts and set treating packer at 4,006'. Moved in and rigged up Warrior services (rising star) . Rigged up on casing attempted to load but could not. Rigged up on tbg . Tested lines. Started pumping dn tbg with water , pressure broke back at 1,870 psi. Switched and began acid treatment of P-3 with 6,000 gals of 20% NEFE HCL with 75 ball sealers spaced in acid treatment. Good ball action indicated and balled out. Surged balls off and finished treatment. Flushed treatment with fresh water . Treated at an avg of 1483 psi @ 2.5 bbls/ min.

ISIP- 1085

5 min- 1004

10 min- 969

15 min- 941

rigged dn Warrior energy services . Left well shut in for 2 hrs . Sitp- 780 , opened well to swab tank and flowed back 39 bbls until well died. Rigged up swab equipment. Initial fluid level was @ 300' from surface . Made 2 swab runs and recovered 88 bbls .

**9/23/14** bled off pressure. Rigged up swab. Initial fluid level was 1,000' from surface ,with a 25% oil cut on first swab run. No oil cut on any runs after the first. Made 28 swab runs and recovered 128 bbls today. Final fluid level was 2,200' from surface. With a trace of oil on the last two swab runs.

**9/24/14** bled off pressure. Rigged up swab . Initial fluid level was @ 1,400' from surface. A 25% oil cut on the first swab run. Swabbed a total of 56 bbls today. A small oil cut on every sample today.

**9/25/14** Bled off pressure. Released packer and pulled out of the hole tbg and tool. Picked up and tripped in the hole with 4 1/2" RBP and Packer, SN, TBG. Set RBP at 4,003' and moved up to set packer at 3798'. Rigged up pump on casing attempted to load with 60 bbls . Did not load. Rigged up Warrior Energy Services . Treated with 6,000 gals of 20% NEFE HCL staged with 5,000 lbs of rock salt. Flushed with 200 bbls of fresh water. Saw good action with treatment. Treated at an avg of 6-7 bpm at 1000 psi. ISIP- 0 to vac . Rigged dn Warrior Energy Services and left well shut in for 2 hrs. rigged up swab equipment. Initial fluid level was at 1,500' from surface . Recovered 56 bbls in 11 swab runs .

**9/26/14** Opened well to tank. Rigged up swab equipment. Initial fluid level was 1,850' from surface with a 5% oil cut. Made a total of 29 swab runs and recovered 155 bbls . Final fluid level was at 1,800' from surface with a 10% oil cut.

**9/29/14** Opened well to tank. Rigged up swab equipment. Initial fluid level was 1,850' from surface with a 40% oil cut. Made a total of 3 swab runs and recovered 15 bbls . Final fluid level was at 1900' from surface with a 10 - 15% oil cut. Released packer ran in and retrieved RBP . Pulled up and set RBP @ 4,003'. Moved packer and RBP to find casing leak. Found casing leaks at est - 1,475' and 1,500' tbg tally. Released and pulled tools out of the hole.

**9/30/14** Rigged up Archer Wireline . Picked up and ran in with CBL . Ran CBL from PBDT to 1,474' (fluid level , could not load). CBL indicated a good bond from PBDT to est-3,100' and also some cement from est 1,950' to top of log. Removed CBL tool. Picked up and TIH with Casing caliper log with ODT log to determine metal loss . Ran inspection tools from 3,895' to surface. log indicated 2 possible holes @ 1,466' and 1,484' with some metal loss in the same area. The rest of the pipe appears to be in good shape. Rigged dn wireline . Decision was made to cement squeeze.

**Hahn Federal #7 API: 30-005-20774 (Continued)**

**10/01/14** Opened well. Picked up and TIH with RBP . Ran 62 jts and set rbp @ 1,909' . Dumped sand and pulled out of the hole with tbg. Est. top of sand is 1,890' . Rigged up Warrior Services. Held pre job safety meeting. Pumped 7 bbl spacer, followed by 100 sks of class c +2% cacl, flushed with 16 bbls of water at 0 psi. shut dn waited 15 min pumped 1 bbls -0 psi, waited 15 mins., pumped 1 bbls -0psi . Decision was made and shut well in.

**10/02/14** Opened well. Ran in with tbg. Tagged cement @ 1,397' . Cement was not set up . Pulled out of the hole with tbg. Picked up and tripped in the hole with bit, bit sub, 6- 3 1/8" drill collars, x-over and tbg . Left bit 200' from top of cement. Shut well in.

**10/06/14** TIH and tagged cement. 1,397'. Rigged up swivel and reverse unit. Drilled cement down to 1,525' and fell thru. Picked up 2 additional jts. Tested to 300 psi and held for 30 minutes. Released pressure. Ran in and tagged sand on rbp. Pulled up 60'. Rigged up swab equipment. Swabbed fluid level dn to 1,600' from surface. Waited 1 hr and checked fluid level. Fluid level was same 1,600' from surface. Rigged dn swab . Pulled 10 stands and shut well in.

**10/07/14** Opened Well. Pulled out of the hole with tbg and laid dn drill collars. Picked up retrieving tool and TIH with tbg. Tagged sand. Rigged up reverse unit and washed sand out and cleaned above RBP. Latched on RBP and released same. POOH with tbg and tools. Picked up BHA and ran in hole with tbg. ND BOP and set TAC . NU well head. Rigged up rod equipment. Picked up pump and ran in hole with rods. Ran all rods in the hole. Picked up stuffing box and shut well in for the night.

**10/08/14** Opened well. Respaced rods. Seated pump. Hung well on. Rigged up well head flowline. Checked for good pump action. RD MO and placed well back on-line for production.