

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM15677
2. Name of Operator CROSS BORDER RESOURCES, INC - Mail: alan@redmountainresources.com		6. If Indian, Allottee or Tribe Name
3a. Address 14282 GILLIS ROAD FARMERS BRANCH, TX 75244	3b. Phone No. (include area code) Ph: 501-412-4097 Fx: 214-871-0406	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T7S R31E NESW 1980FSL 1980FWL		8. Well Name and No. HAHN FEDERAL 5
		9. API Well No. 30-005-20532
		10. Field and Pool or Exploratory Area TOM-TOM SAN ANDRES
		11. County or Parish, State CHAVES COUNTY 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/
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Aba
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal

INT TO PA PM  
P&A NR \_\_\_\_\_  
P&A R \_\_\_\_\_

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 must 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 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.

1. POOH with injection tubing and packer. Lay down injection string.  
2. RIH w/2-3/8" 4.7# EUE J-55 workstring. Load hole with 9.5 PPG mud.  
3. POOH. RIH w/4-1/2" CIBP and set @3910'. Spot 25 sxs cmt on top.  
4. RIH w/ RBP and treating packer and look for holes in the casing. If no casing issues proceed forwards.  
5. RIH w/ perf csg guns and perforate 3150'. POOH. RIH w/cmt retainer and set retainer at 3100'.  
6. RIH w/ 2-3/8" workstring. Sting into cmt retainer. Establish injection rate.  
7. Mix and pump 650 sxs 50/50 Pozmix class "C" with 2% gel. Attempt to circulate cmt from the 3150' to surface in the 4.5' by 7-7/8" annulus.  
8. Sting out of the cmt retainer and reverse circulate to clear the tubing.  
9. PU tubing to 2150'. Mix and pump 50 sxs class "C" neat cmt from 2150' to 1550'. Cmt plug to cover Yates and Salt Section - WOC & Tag at or above 1550'.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #410085 verified by the BLM Well Information System For CROSS BORDER RESOURCES, INC, sent to the Roswell Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/03/2018 ( )</b>	
Name (Printed/Typed) ROSS PEARSON	Title VP OPERATIONS
Signature (Electronic Submission)	Date 04/02/2018
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
Approved By _____	Title _____
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, 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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

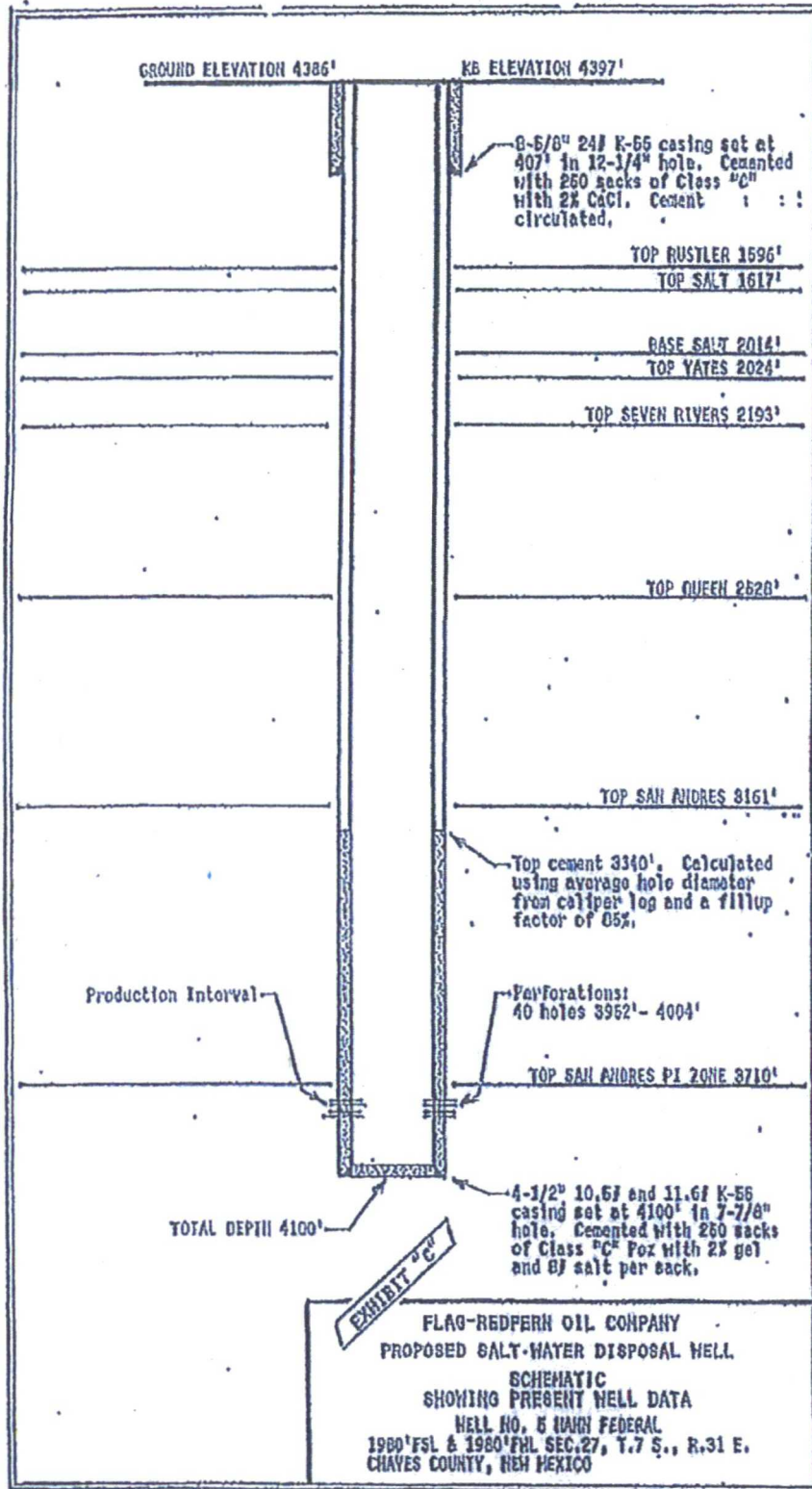
**FOR RECORD ONLY**  
NMOC D 04/10/2018

**Additional data for EC transaction #410085 that would not fit on the form**

**32. Additional remarks, continued**

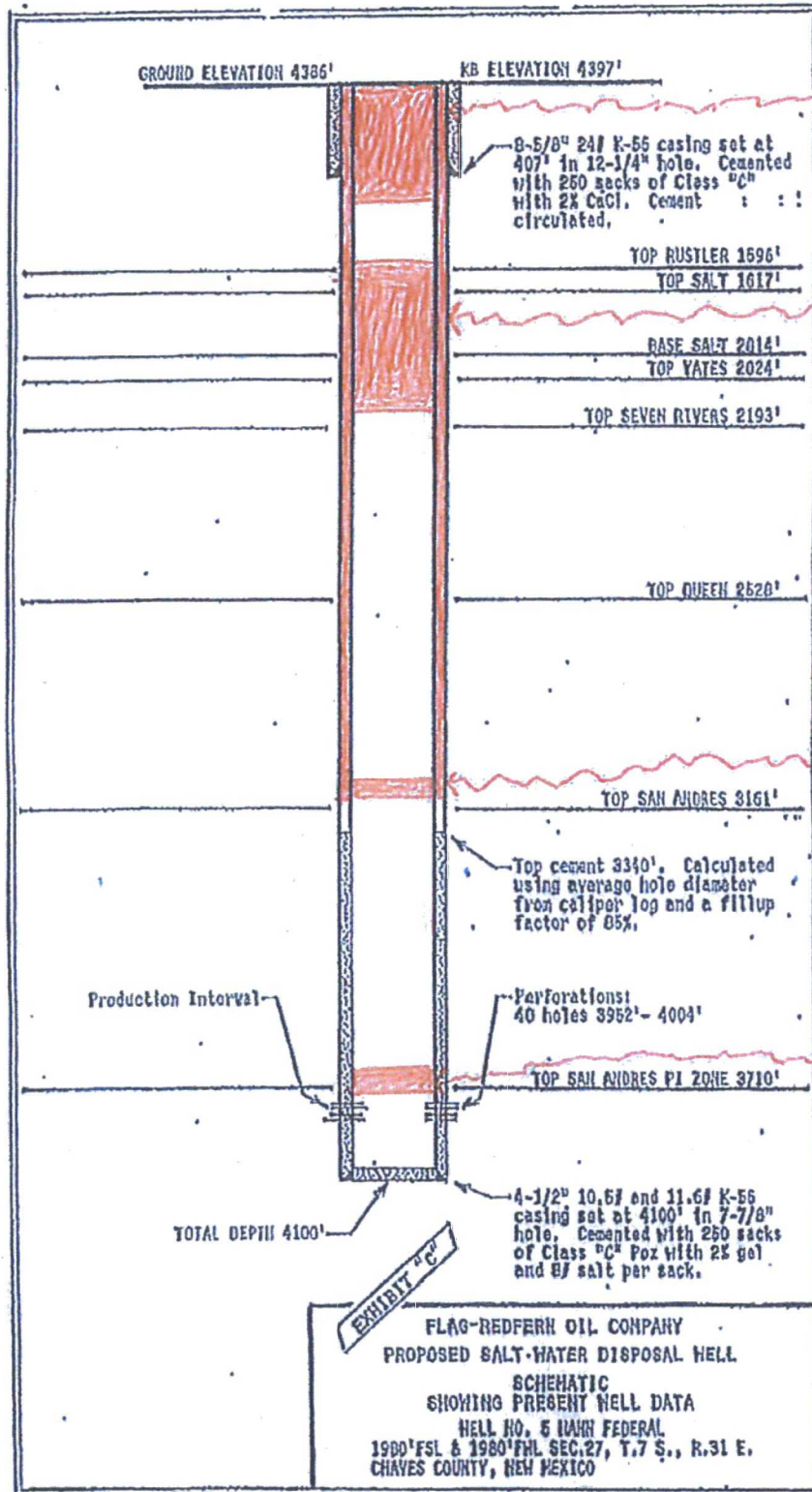
10. Pick up to 460' and pump a 35 sx surface plug.
11. Cut off wellhead 3' below ground level and install dry hole marker.

# BEFORE





**AFTER**



355X Cement Plug  
F/460-Surface

Pump 505X  
Cement F/2150'  
1550' WOC &  
Tag At Or Above  
1550'

Cement Retainers  
3100' w/ Part Se  
3150' & 650 SX  
Cement Circulated  
To Surface In 4.500'  
X 7.875" Annulus

CIPe 3910'  
W/255X Cement  
On Top

**Hahn Federal 5  
30-005-20532  
Cross Border Resources, Inc.  
April 3, 2018  
Conditions of Approval**

- 1. Operator shall place CIBP 50'-100' above top most perf and place 25 sx of Class C cement on top as proposed. WOC and TAG.**
- 2. Operator approved to perf and pump cement on the backside of casing as proposed. Operator shall provide method of verification. If circulation is not achieved to surface operator will need to contact BLM prior to continuing.**
- 3. Operator shall place a Class C cement plug from 2,150'-1,550' to seal the Yates Formation. WOC and TAG as proposed.**
- 4. Operator shall place a Class C cement plug form 460' to surface as proposed.**
- 5. See Attached for general plugging stipulations.**

**JAM 040318**

**BUREAU OF LAND MANAGEMENT  
Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201  
(575) 627-0272**

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. **Plugging operations** shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon. **If you are unable to plug the well by the 90<sup>th</sup> day provide the BLM Roswell Field Office (RFO), prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. **Notification:** Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.