Form 3160-5		UNITED STATES		MAD	БD Iss I	FORM APPROVED	
(March 2012)	DEPA	DEPARTMENT OF THE INTERIOR				OMB No. 1004-0137 Expires: October 31, 2014	
	BURE	AU OF LAND MANA	U OF LAND MANAGEMENT		5. Lease Serial No. 15677		
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or terஞ்சூரல்					6. If Indian, Allottee o	r Tribe Name	
Do no abando	ot use this for oned well. Us	rm for proposals to se Form 3160-3 (AF	odrill or to researce (C PD) for such proposi	D als.			
			nstructions appage 28 2		7. If Unit of CA/Agree	ment, Name and/or No.	
. Type of Well			Vbt				
Oil Well		l Other	RECEIVE	D	8. Well Name and No. Hahn Federal #7	,	
2. Name of Operator Cross Border Resource	ces, Inc.	1			9. API Well No. 30-005-20774	•	
3a. Address 2515 McKinney, Suite 900			b. Phone No. (include area o	code)	10. Field and Pool or H		
Dallas, Texas 75201	ootage Sec T R	M., or Survey Description)	214-871-0400		Tom Tom (San And 11. County or Parish, S		
30' FSL and 990' FWL, Sec		a a			Chaves	Suite	
	12. CHECK	THE APPROPRIATE BOX	(ES) TO INDICATE NATU	RE OF NOTIO	CE, REPORT OR OTH	ER DATA	
TYPE OF SUBN	AISSION		. т	YPE OF ACT	ION		
Notice of Intent		Acidize	Deepen	Prod	uction (Start/Resume)	Water Shut-Off	
		Alter Casing	Fracture Treat	=	amation	Well Integrity Other Perforate P-3,	
Subsequent Repor	rt	Casing Repair	New Construction Plug and Abandon		mplete porarily Abandon	Other Perforate P-3, acidize and return to	
Final Abandonme	ent Notice	Convert to Injection	Plug Back		er Disposal	production.	
determined that the	mpleted. Final Ab site is ready for fi it. NU 3000# dou	andonment Notices must be nal inspection.) uble manual BOP's. Pick	filed only after all requireme up additional 2-3/8" J-55 E	ents, including	reclamation, have been	a Form 3160-4 must be filed once completed and the operator has nd POOH. Tally out of the	
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WELL DATA SHEET

LOC: 300'FSL and 990'FV/L CURRENT COMPLETION STATUS: Producing SUEVEY: T-7-S, R-31-E APINO: 300-005-20774 EA Dit: 4084 SUEVEY: T-7-S, R-31-E Composition: 328/1991 EASE # 15677 Composition: 371387 Composition: 15677 Composition: 371387 Composition: 1763 Will Arge at the state of the s	LEASE: Hahn Federal	WELL: #7	FIELD: Tom Tom (San Andres)
STATUS: Producing Co: Chaves API NO: 30-005-20774 TD: 4084 15677 LEASE # 15677 GU: 4084 Comp.Date: 228/1981 Comp.Date: 12-1/4" Soud Date: 228/1981 Comp.Date: 12-1/4" #/ft.grade K-65 GL: 4339 Chro? 5000 24 #/ft.grade K-65 KB:		CURRENT COMPLETION	
TD: 4105 ST: New Mexico LEASE # 15677 PBTD: 4084 Corb: 4084 Corb: 4084 Corp. 0ate: 2/28/1981 Csg Detail: Hole Size: 12-1/4" B-16* 3/13/81 Csg Detail: Hole Size: 12-1/4" B-16* Csg pet@ 1473 w/ 1702 sx. Clrc? Surface By Visual Hole Size: 7.7/8" 4.5 Clrc? No TOC @ 4104 w/ 250 sx. Clrc? No TOC @ W/A By N/A			
PBTD: 4084 Spud Date: 228/19841 GL: 3/13/81 DF:			
Srud Date: 2/28/1981 GL: 4339 DF:	PBTD: 4084		
Comp.Date: 3/13/81 GL: 4339 DF:	COTD: 4084		
Treatment: 4086-4158' Acidize with 7,000 gallons 15% NEFE HCI Treatment: 3894'-4172" Acidize with 13,000 gallons 15% NEFE HCI Good ball action but no ball out.	TD: 4105 PBTD: 4084 COTD: 4084 Spud Date: 2/28/1981 Comp.Date: 3/13/81 GL: 4339 DF:	ST: New Mexico Csg Detail: Hole Size: 8-5/8° Csg set @ Circ? Ye Hole Size: 4.5 csg set @ Circ? Circ? No	LEASE # 15677 12-1/4"
Treatment: 4086-4158' Acidize with 7,000 gallons 15% NEFE HCI Treatment: 3894'-4172" Acidize with 13,000 gallons 15% NEFE HCI Good ball action but no ball out.		T T	
		Treatment: 4086-4158' Acidi Treatment: 3894'-4172" Acid Good ball action but no ball	ize with 13,000 gallons 15% NEFE HCI

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.