## State of New Mexico

Form C-104 Revised August 1, 2011

District II 811 S. First St., Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals & Natural Resources

Submit one copy to appropriate District Office

Oil Conservation Division 1220 South St. Francis Dr.

$\neg$	AMENDED	REPORT

District IV 1220 S. St. Fran					Santa Fe, N					_	AMENDED REPORT		
<sup>1</sup> Operator r	I.		EST FC	)K ALI	LOWABLE	AND AU	THO	<sup>2</sup> OGRID Nu		IKAN	SPORT		
Cross Borde	r Resou	ces, Inc.						286614					
2515 McKin		Suite 900				<sup>3</sup> Reason for Filing Code/ Effective Date							
Dallas, Texa  4 API Numb		5 D	l Name				HAR	West Diverse			014		
30 - 005-2		1 100	i Name	•	Tomahawk Sai	San Andrews 6 Pool Code 59469							
<sup>7</sup> Property C	8 Pro		FEB 2 3 2015 9 Well Number										
LG-	2426		porty ( ar		Loveless Lo	Q State	,		'``		2		
II. <sup>10</sup> Su	rface L	ocation					Ű						
Ul or lot no.	Section	1 -	Range	Lot Idn				weet from the	1	West line			
F 36		7S	31E		1980	North Li	ine	1980	Wes	st Line	Chaves		
11 Bo		ole Location			1	,		T					
UL or lot no.	Section 36	Township	Range	Lot Idn	Feet from the 1980						,		
		7S	31E			2,00		1	West Line Chaves				
12 Lse Code		icing Method Code P	I	onnection N/A	<sup>15</sup> C-129 Perr	nit Number	16 (	C-129 Effective	Date	<sup>17</sup> C-129 Expiration Date			
S	`												
III. Oil	and Ga	s Transpo	rters										
18 Transpor					19 Transpor						<sup>20</sup> O/G/W		
OGRID	<u> </u>				and Ad			-					
34019					Phillip	os 66					0		
a service and a				PO I	Box 5400, Bartl	lesville, OK 7	74005			.,			
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, i.,		Cross	Border R	esources,	Inc., 2515 Mcl	Kinney Ave,	Ste 90	0, Dallas, TX	75201	The second secon			
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		oletion Dat			22			1 45		· r	24		
<sup>21</sup> Spud Date		<sup>22</sup> Ready Date			<sup>23</sup> TD	<sup>24</sup> <b>PBTD</b> 4,235'		<sup>25</sup> <b>Perfora</b> 3996-401 4030-40	0 and		<sup>26</sup> DHC, MC		
27 He	ole Size		<sup>28</sup> Casin	g & Tubi	ng Size	<sup>29</sup> Depth Set			750	<sup>30</sup> Sacks Cement			
7	·7/8"		(c	sg) 4-1/2"	,				50 ev Cla	sx Class C + 2% calc			
/-	-1/8"	(Tbg) 2-3/8" 4.7# J-55 EUE			-55 EUE	4,084' 150			SU SX CIA	0 sx Class C + 2% calc			
V. Well	Test D	ata											
31 Date New		ata <sup>32</sup> Gas Deliv	ery Date	33 ,	Test Date	<sup>34</sup> Test	Lengt	th 35 T	bg. Pres	sure	<sup>36</sup> Csg. Pressure		
	11/16/2014		ery Date	i i	/16/2014	<u> </u>		40 psi	~				
<sup>37</sup> Choke Size		1 84		3	9 Water	<sup>40</sup> Gas					41 Test Method		
					0								
been complied					Division have			OIL CONSER	VATIO	N DIVISIO	JN		
complete to the					c is true and								
Signature:	7 1 R		Approved by:										
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Printed name:						Title:	trola-	m P. ·					
Alan Barksdale Title:						Petroleum Engineer Approval Date:							
Chairman						02/23/15							
E-mail Addre									1-1-				
cynthia@redn	nountainr												
Date:   Phone:   214-871-0400 ext 1002													

Cross Border Resources Inc. Loveless LQ State #2 API:3000520787 NM, Chaves Co. Loc: 1980'FNL & 1980'FWL Sec. 36, T-7-S, R-31-E KB:4424' GL:4417'

10/28/14

TD:4298' PBTD:4251 7/27/81

HOBBSOCD

FEB 2 3 2015

**TBG DETAIL** 119 JTS 2 3/8" TBG TAC 9 JTS 2 3/8" TBG Sitting Nipple

TOC: 784' Squeezed 150 sx Class C + 2% CaCl CALC Found hole inside 4 1/2" @ 1520' TOC:784' CALC 10/15/14 Set 8 5/8" 24# K-55 @ 1,679' in 12 1/4" hole w/ 500 sx 50/50 Poz Class C Cem Tailed w/150 sx Class C cem. Circ 35sx to 7/19/81 TOC: 2560' CALC 2 3/8 TBG @ 4100' 10/30/14 Treated all zones from 3996'-4179' w/5000 glas of 20% NEFE HCL & 4750# of rock salt Treated at 3-4 bpm at 1200psi 10/28/14 Perforated 3996-4010' w/ 1 SPF and 90 degrees phasing. Perforated 4030-4038' w/ 1 SPF and 90 degrees phasing. Treated with with 2500 gals of 20% NEFE HCL acid. Dropped 45 ball sealers, saw ball action and ball out. Average treating pressure: 2.6 bpm @ 1200 psi 10/22/14 Treated from 3996'-4084' w/1000 gals of 20% NEFE HCL & 250# of salt Interval 4058-4084'
Perforated 4058-4084' w/12.50" holes
4058, 60, 63.5, 68, 73.5, 76.5, 79.5, 83, 86, 88, 91.5, 94'
Acidized w/1500 gals 20% NEFE acid and 25 ball sealers
Treating pressure: Min 800 psi; Max 1700 psi; Avg 1700 psi @ 1.2 BPM
ISDP-1600# FSIP:600# in 15 min. Flowed back and swb dry. 19% oil -rest acid wtr. 8/5/81 Interval 4059-4179 IP: 35 BOPD, 8.5MCFD 38 BWPD: GOR 1000/1 Interval 4127-4179' and Gravity 32 deg Interval 4127-4179'
Perforated 4217-4179' w/11.50" holes
4127, 29, 34, 39, 41, 48, 53, 69, 74, 77, 79'
Acidized w/1500 gals 20% NEFE acid and 30 ball sealers.
Treating pressure: Min 1500 psi; Max 1850 psi; Avg 1700 psi @ 3/4 BPM.
ISDP 1600 psi , FSIP 1200 psi in 5 min 8/25/81 Flower hack and swb dry w/show of oil Swb 5 bbls fluid/hour - 20% oil-rest acid wtr B.S. Swab total 30 bbls for day 8/4/81 Set 4 1/2" 9.5# J-55 csg @ 4298' in 7 7/8"" hole w/ 300 sx of Class C cmt. TOC:2560' O.C.