

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Form C-103 August 1, 2011 Permit 234269 WELL API NUMBER 30-015-43096 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name BLACK RIVER 15 STATE SWD																																																																
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)																																																																		
1. Type of Well: S		8. Well Number 001																																																																
2. Name of Operator BC OPERATING, INC.		9. OGRID Number 160825																																																																
3. Address of Operator P O Box 50820, Midland, TX 79710		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>K</u> : <u>2334</u> feet from the <u>S</u> line and feet <u>1914</u> from the <u>W</u> line Section <u>15</u> Township <u>24S</u> Range <u>27E</u> NMPM _____ County <u>Eddy</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3219 GR																																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																													
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. *SEE ATTACHED WORK DESCRIPTION* See Attached 3/2/2017 Spudded well.																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>03/03/17</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>0</td> <td>638</td> <td>560</td> <td>1.6</td> <td>C</td> <td></td> <td>900</td> <td>0</td> <td></td> </tr> <tr> <td>03/06/17</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>2895</td> <td>850</td> <td>1.82</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>03/07/17</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>7</td> <td>23</td> <td>J55</td> <td>0</td> <td>4235</td> <td>440</td> <td>2.76</td> <td>C</td> <td></td> <td>3200</td> <td>0</td> <td></td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	03/03/17	Surf	FreshWater	17.5	13.375	54.5	J55	0	638	560	1.6	C		900	0		03/06/17	Int1	Brine	12.25	9.625	36	J55	0	2895	850	1.82	C		1500	0		03/07/17	Prod	CutBrine	8.75	7	23	J55	0	4235	440	2.76	C		3200	0	
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																		
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Black River 15 State SWD #1
API# 30-015-43096

3/2/2017 – SPUD

3/3/2017 - SURFACE CASING - DRILL 17.5" HOLE TO 638'. RUN 638' OF 13-3/8" 54.5# J-55 BTC. CEMENT WITH 560 SACKS CLASS C, 13.8 PPG AND 1.60 YIELD. 100% EXCESS. CIRCULATED 128 SACKS TO SURFACE. TESTED CASING TO 900 PSI FOR 30 MINS. HELD OK.

3/6/2017 -INTERMEDIATE CASING - DRILL 12.25" HOLE TO 2,895'. RUN 2,895' OF 9-5/8" 36# J-55 BTC. LEAD 400 SACKS CLASS C, 12.8 PPG, 1.82 YIELD. TAIL 450 SACKS CLASS C, 13.8 PPG, 1.60 YIELD. CIRCULATED 52 SACKS TO SURFACE. TESTED CASING TO 1500 PSI FOR 30 MINS. HELD OK.

3/7/2017 – PRODUCTION CASING - DRILL 8.75" HOLE TO 4,235'. RUN 4,235' OF 7" 23# J55 BTC. LEAD 250 SACKS PRO-ECO C, 11.6 PPG, 2.67 YIELD. TAIL 190 SACKS PRO-ECO C, 13.1 PPG, 1.68 YIELD. DISPLACE WITH 164 BBLS 2% KCL. CIRCULATED 110 SACKS TO SURFACE.

3/9/2017 – RIG RELEASE

4/5/2017 - TESTED PRODUCTION CASING TO 3200 PSI FOR 5 MINS. HELD OK

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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Comments
Permit 234269

DRILLING COMMENTS

Operator: BC OPERATING, INC. P O Box 50820 Midland, TX 79710	OGRID: 160825
	Permit Number: 234269
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
There are no Comments for this Permit		