

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 231380																																																
		WELL API NUMBER 30-025-43452																																																
		5. Indicate Type of Lease S																																																
		6. State Oil & Gas Lease No.																																																
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.)		7. Lease Name or Unit Agreement Name K2 18 STATE																																																
1. Type of Well: O		8. Well Number 001H																																																
2. Name of Operator ROCKCLIFF OPERATING NEW MEXICO LLC		9. OGRID Number 371115																																																
3. Address of Operator 1301 McKinney, Suite 1300, Houston, TX 77010		10. Pool name or Wildcat																																																
4. Well Location Unit Letter <u>P</u> : <u>120</u> feet from the <u>S</u> line and feet <u>440</u> from the <u>E</u> line Section <u>18</u> Township <u>09S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4391 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" style="text-align: center;">NOTICE OF INTENTION TO:</td> <td colspan="2" style="text-align: center;">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. Set production casing at 9,171'. Spot abandonment cement plug. Estimated bottom of plug at 4682', estimated top of plug at 4545'. Mix and pump 40 sks (9.5 bbls) Halocem class c cement blended with .3% HR-800 at 2.5 bbl/min. Slurry yield of 1.33 cubic ft/sk, 14.8 lb/gal. Spot sidetrack cement plug. Estimated bottom of plug at 4362', estimated top of plug at 3557'. Mix and pump 385 sks (85.7 bbls) Halocem class h cement blended with 3% potassium chloride, .3% HR-800, and .5% CRF-3 at 5 bbl/min. Slurry yield of .96 cubic ft/sk, 17.5 lb/gal. <u>1/10/2017</u> 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>01/28/17</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>32</td> <td>L80</td> <td>0</td> <td>5295</td> <td>1107</td> <td>2.82</td> <td>C</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>01/28/17</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>5.5</td> <td>23</td> <td>L80</td> <td>5295</td> <td>9171</td> <td>1850</td> <td>1.42</td> <td>C</td> <td></td> <td></td> <td></td> <td>N</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	01/28/17	Prod	FreshWater	8.75	7	32	L80	0	5295	1107	2.82	C				N	01/28/17	Prod	FreshWater	8.75	5.5	23	L80	5295	9171	1850	1.42	C				N
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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"/> .																																																		
SIGNATURE _____ Electronically Signed _____ TITLE _____ VP Operations _____ DATE _____ 1/30/2017 Type or print name _____ Nick Koch _____ E-mail address _____ nkoch@rockcliffenergy.com _____ Telephone No. _____ 713-351-0549 _____																																																		
For State Use Only: APPROVED BY: _____ Paul Kautz _____ TITLE _____ Geologist _____ DATE _____ 1/31/2017 9:59:27 AM _____																																																		

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State of New Mexico
Energy, Minerals and Natural Resources
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Comments
Permit 231380

DRILLING COMMENTS

Operator: ROCKCLIFF OPERATING NEW MEXICO LLC 1301 McKinney Houston, TX 77010	OGRID: 371115
	Permit Number: 231380
	Permit Type: Drilling

Comments

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