

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011 Permit 238813 <hr/> WELL API NUMBER 30-015-44088 <hr/> 5. Indicate Type of Lease P <hr/> 6. State Oil & Gas Lease No.  <hr/> 7. Lease Name or Unit Agreement Name EL TORO INVICTA 14																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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: G		8. Well Number 301H																																																
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>M</u> : <u>340</u> feet from the <u>S</u> line and feet <u>800</u> from the <u>W</u> line Section <u>14</u> Township <u>23S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 2995 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"/>																													
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"/>																																																
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 intermediate casing at 6,342'. Mix 553 sks slurry yield of 3.32 cubic ft/sk, 9.2 lb/gal Class C Litecrete. Pump 110 sks slurry yield 1.32 cubic ft/sk, 14.8 lb/gal Class C cement blended with additives. Partial returns. TOC verified at 2000' with temp log. Consulted with NMOCD. Plan to Bradenhead squeeze surface x intermediate annulus after production cement job. See Attached <b>6/21/2017</b> Spudded well.																																																		
<b>Casing and Cement Program</b> <table 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>06/27/17</td> <td>Int1</td> <td>CutBrine</td> <td>10.625</td> <td>9.625</td> <td>40</td> <td>N80</td> <td>2000</td> <td>6342</td> <td>553</td> <td>3.32</td> <td>C</td> <td></td> <td>1000</td> <td>50</td> <td>N</td> </tr> <tr> <td>06/27/17</td> <td>Int1</td> <td>CutBrine</td> <td>10.625</td> <td>9.625</td> <td>40</td> <td>N80</td> <td>5842</td> <td>6342</td> <td>110</td> <td>1.34</td> <td>C</td> <td></td> <td>1000</td> <td>50</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	06/27/17	Int1	CutBrine	10.625	9.625	40	N80	2000	6342	553	3.32	C		1000	50	N	06/27/17	Int1	CutBrine	10.625	9.625	40	N80	5842	6342	110	1.34	C		1000	50	N
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																																			
06/27/17	Int1	CutBrine	10.625	9.625	40	N80	2000	6342	553	3.32	C		1000	50	N																																			
06/27/17	Int1	CutBrine	10.625	9.625	40	N80	5842	6342	110	1.34	C		1000	50	N																																			
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"/> .																																																		
<table style="width:100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Operations Analyst</u></td> <td>DATE</td> <td><u>7/17/2017</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Michal A Weesner</u></td> <td>E-mail address</td> <td><u>mweesner@rockcliffenergy.com</u></td> <td>Telephone No.</td> <td><u>713-351-0535</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Operations Analyst</u>	DATE	<u>7/17/2017</u>	Type or print name	<u>Michal A Weesner</u>	E-mail address	<u>mweesner@rockcliffenergy.com</u>	Telephone No.	<u>713-351-0535</u>																																				
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Operations Analyst</u>	DATE	<u>7/17/2017</u>																																													
Type or print name	<u>Michal A Weesner</u>	E-mail address	<u>mweesner@rockcliffenergy.com</u>	Telephone No.	<u>713-351-0535</u>																																													
<b>For State Use Only:</b> <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Karen Sharp</u></td> <td>TITLE</td> <td><u>OCD Reviewer</u></td> <td>DATE</td> <td><u>7/21/2017 7:32:01 AM</u></td> </tr> </table>			APPROVED BY:	<u>Karen Sharp</u>	TITLE	<u>OCD Reviewer</u>	DATE	<u>7/21/2017 7:32:01 AM</u>																																										
APPROVED BY:	<u>Karen Sharp</u>	TITLE	<u>OCD Reviewer</u>	DATE	<u>7/21/2017 7:32:01 AM</u>																																													

# Toro 14 #301 Int Casing Test Electronic Drilling Recorder

Operator: Rockcliff Energ

Well Name: El Toro El Toro Invicta 14#3

Location:

Contractor: Helmerich & Payne Drig Co

Rig: 415

Jun 29, 2017

Notes

6105  
6145

17:30

18:00

18:30



17:34: Rig Floor set Bit  
Position from 6152.35 ft to  
6153.25 ft  
17:37: Rig Floor Zeroed  
Diff Press @ 6153.25 ft  
17:37: Rig Floor Zeroed Bit  
Weight @ 6153.25 ft  
17:38: Rig Floor set Hole  
Depth from 6373.00 ft to  
6153.25 ft  
17:50: CSG TEST TO 1000  
PSI

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 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**

Comments  
  
Permit 238813

**DRILLING COMMENTS**

Operator: ROCKCLIFF OPERATING NEW MEXICO LLC 1301 McKinney Houston, TX 77010	OGRID: 371115
	Permit Number: 238813
	Permit Type: Drilling

**Comments**

Created By	Comment	Comment Date
Mweesner	Consulted with NMOCD on Intermediate 1 cement top. After production cement job will place 188 sacks using Bradenhead squeeze, bringing cement back to surface inside surface x intermediate annulus.	7/14/2017