

<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 255531 WELL API NUMBER 30-025-44426 5. Indicate Type of Lease S 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name PIRATE STATE																																																																																																																
<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: O		8. Well Number 104H																																																																																																																
2. Name of Operator CENTENNIAL RESOURCE PRODUCTION, LLC		9. OGRID Number 372165																																																																																																																
3. Address of Operator 1001 17th Street Suite 18, Denver, CO 80202		10. Pool name or Wildcat																																																																																																																
4. Well Location Unit Letter <u>P</u> : <u>377</u> feet from the <u>S</u> line and feet <u>1180</u> from the <u>E</u> line Section <u>16</u> Township <u>24S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3530 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. Please note new well name per sundry approved 6/15/18: Pirate State 301H Rig released 7/31/18. See attached See Attached 3/3/2018 Spudded well.																																																																																																																		
<b>Casing and Cement Program</b> <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <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>03/06/18</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>1327</td> <td>800</td> <td>1.74</td> <td>C</td> <td></td> <td>800</td> <td>0</td> <td>N</td> </tr> <tr> <td>03/06/18</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>1019</td> <td>1327</td> <td>340</td> <td>1.34</td> <td>C</td> <td></td> <td>800</td> <td>0</td> <td>N</td> </tr> <tr> <td>07/12/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>5359</td> <td>960</td> <td>3.4</td> <td>Pozzolan</td> <td></td> <td>900</td> <td>0</td> <td>N</td> </tr> <tr> <td>07/12/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>4865</td> <td>5359</td> <td>155</td> <td>1.33</td> <td>C</td> <td></td> <td>900</td> <td>0</td> <td>N</td> </tr> <tr> <td>07/28/18</td> <td>Prod</td> <td>Brine</td> <td>8.5</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>2500</td> <td>15395</td> <td>845</td> <td>3.39</td> <td>TXI</td> <td></td> <td>3400</td> <td>0</td> <td>N</td> </tr> <tr> <td>07/28/18</td> <td>Prod</td> <td>Brine</td> <td>8.5</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>8604</td> <td>15395</td> <td>1255</td> <td>1.24</td> <td>H</td> <td></td> <td>3400</td> <td>0</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	03/06/18	Surf	FreshWater	17.5	13.375	54.5	J55	0	1327	800	1.74	C		800	0	N	03/06/18	Surf	FreshWater	17.5	13.375	54.5	J55	1019	1327	340	1.34	C		800	0	N	07/12/18	Int1	Brine	12.25	9.625	40	J55	0	5359	960	3.4	Pozzolan		900	0	N	07/12/18	Int1	Brine	12.25	9.625	40	J55	4865	5359	155	1.33	C		900	0	N	07/28/18	Prod	Brine	8.5	5.5	20	P110	2500	15395	845	3.39	TXI		3400	0	N	07/28/18	Prod	Brine	8.5	5.5	20	P110	8604	15395	1255	1.24	H		3400	0	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 NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																																																																		
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# Pirate State 301H (30-025-44426)

## Surface:

Lead - 800 sks  
247.9 bbls  
13.5 lb/gal  
1.74 cu.ft./sk  
1392 cu.ft.  
100% Class C  
4% Gel  
1% CaCl  
0.25% C-45  
0.3% C-503P  
0.25 lb/sk PhenoSeal

Tail - 340 sks  
81.1 bbls  
14.8 lb/gal  
1.34 cu.ft./sk  
455.6 cu.ft.  
100% Class C  
2% CaCl  
0.1% C-45

## Intermediate:

Lead – 960 sks x 3.4 yield x .1781 = 581.3 bbls

### Additives:

100% TXI Lightweight Cement  
C-45 = 2.25%  
Citric Acid – 0.175%  
C-19 – 0.1%  
CSA-1000 – 0.2%  
STE – 6%  
C-503P – 0.3%  
Kolseal – 6 lb/sk  
Phenoseal – 1.5 lb/sk  
Gypsum – 8 lbs/sk  
Salt – 1% By weight of Water

Tail – 155 sks x 1.33 yield x .1781 = 36.7 bbls

### Additives:

100% Class C  
C-51 – 0.05%  
C-20 – 0.15%  
C-503P – 0.25%

**Production:**

Lead –  $845 \text{ sks} \times 3.39 \text{ yield} \times .1781 = 510.17 \text{ bbls}$

Additives:

95% TXI Lightweight/5% CHP-07

C-47B – 0.1%

Citric Acid – 0.2%

CSA-1000 – 0.23%

STE – 6%

C-503P – 0.3%

Salt – 5% By weight of Water

Tail –  $1255 \text{ sks} \times 1.24 \text{ yield} \times .1781 = 277.16 \text{ bbls}$

Additives:

50% Class H/25% CPO-18/25% Poz

C-47B – 0.25%

C-20 – 0.1%

CSA-1000 – 0.05%

C-503P – 0.3%

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

Comments  
  
Permit 255531

**DRILLING COMMENTS**

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 18 Denver, CO 80202	OGRID: 372165
	Permit Number: 255531
	Permit Type: Drilling

**Comments**

Created By	Comment	Comment Date
kbiersmith	Additives and volumes included in attachment	8/2/2018
kbiersmith	Temperatures in Zone of Interest: Surface --> 85°, Intermediate --> 123°, Production --> 149°	8/10/2018