

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	Form C-103 August 1, 2011 Permit 243739 WELL API NUMBER 30-025-43935 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name TOUR BUS 23 STATE																																																																																
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: O		8. Well Number 504H																																																																																
2. Name of Operator CENTENNIAL RESOURCE PRODUCTION, LLC		9. OGRID Number 372165																																																																																
3. Address of Operator 1001 17th Street Suite 1800, Denver, CO 80202		10. Pool name or Wildcat																																																																																
4. Well Location Unit Letter <u>C</u> : <u>201</u> feet from the <u>N</u> line and feet <u>2215</u> from the <u>W</u> line Section <u>23</u> Township <u>22S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3462 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. Surface Casing Run: 10/10/2017 Intermediate Casing Run: 10/14/2017 Production Casing Run: 10/28/2017 Rig Released: 10/28/2017 @ 8.30pm Completion work set to begin: 11/30/2017 Surface Cement Yield: 1.75 Lead/1.34 Tail Intermediate Cement Yield: Stage 1 3.21 Lead/1.33 Tail Stage 2 3.42 Lead/1.33 Tail Production Cement Yield: 3.53 Lead/1.26 Tail See Attached 10/8/2017 Spudded well.																																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <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>10/10/17</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>1774</td> <td>1535</td> <td>1.75</td> <td>C</td> <td>1775</td> <td>900</td> <td>0</td> <td>N</td> </tr> <tr> <td>10/14/17</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>3605</td> <td>5601</td> <td>545</td> <td>3.42</td> <td>C</td> <td>5601</td> <td>1060</td> <td>0</td> <td>N</td> </tr> <tr> <td>10/14/17</td> <td>Int2</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>5601</td> <td>885</td> <td>3.21</td> <td>C</td> <td>5601</td> <td>1840</td> <td>0</td> <td>N</td> </tr> <tr> <td>10/28/17</td> <td>Prod</td> <td>Brine</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>0</td> <td>14780</td> <td>2480</td> <td>3.53</td> <td>H</td> <td>14780</td> <td>5000</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	10/10/17	Surf	FreshWater	17.5	13.375	54.5	J55	0	1774	1535	1.75	C	1775	900	0	N	10/14/17	Int1	Brine	12.25	9.625	40	J55	3605	5601	545	3.42	C	5601	1060	0	N	10/14/17	Int2	Brine	12.25	9.625	40	J55	0	5601	885	3.21	C	5601	1840	0	N	10/28/17	Prod	Brine	8.75	5.5	20	P110	0	14780	2480	3.53	H	14780	5000	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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TOUR BUS 23 STATE 504H (30-025-43935) Centennial Resource Production

Surface Cement Additives:

Lead:

Lead:

100% Cement C

4% Gel

1% Calcium Chloride

0.25% C-45

0.75% C-41P

0.25 lb/sk Phenoseal

Tail:

100% Cement C

2% Calcium Chloride

0.1% C-45

Intermediate Cement Additives (Stage 1):

Lead:

	Additive name	Additive type	Additive concentration	Additive concentration unit	Additive amount	Additive units
1	CHP-07	LIGHT WEIGHT	5.000	%BVOB		
2	CHEMPLEX C-45	ECONOLITE	0.250	%BVOB		
3	CITRIC ACID		0.200	%BWOB		
4	CHEMPLEX C-19	FLUID LOSS ADD	0.100	%BWOB		
5	CSA-1000	FLUID LOSS ADD	0.250	%BWOB		
6	CHEMPLEX STE		6.000	%BWOB		
7	KOL-SEAL		6.000	LB/SX		
8	PHENOSEAL		1.500	LB/SX		
9	CHEMPLEX C-41P	DEFOAMER	0.750	%BWOB		
10	NACL	ACCELERATOR	0.500	%BWOW		

Tail:

	Additive name	Additive type	Additive concentration	Additive concentration unit	Additive amount	Additive units
1	CHEMPLEX C-51	SUSPENSION AG	0.050	%BWOC		
2	CHEMPLEX C-20	RETARDER	0.050	%BWOC		
3	CHEMPLEX C-41P	DEFOAMER	0.250	%BWOC		

Intermediate Cement Additives (Stage 2):

Lead:

	Additive name	Additive type	Additive concentration	Additive concentration unit	Additive amount	Additive units
1	CHEMPLEX C-45	ECONOLITE	2.000	%BWOC		
2	CITRIC ACID		0.050	%BWOC		
3	CHEMPLEX C-19	FLUID LOSS ADD	0.100	%BWOC		
4	CSA-1000	FLUID LOSS ADD	0.200	%BWOC		
5	CHEMPLEX STE		6.000	%BWOC		
6	KOL-SEAL		6.000	LB/SX		
7	PHENOSEAL		1.500	LB/SX		
8	CHEMPLEX C-41P	DEFOAMER	0.750	%BWOC		
9	NACL	ACCELERATOR	1.000	%BWOW		
10	GYP SUM		8.000	LB/SX		

Tail:

	Additive name	Additive type	Additive concentration	Additive concentration unit	Additive amount	Additive units
1	CHEMPLEX C-51	SUSPENSION AG	0.050	%BWOC		
2	CHEMPLEX C-20	RETARDER	0.050	%BWOC		
3	CHEMPLEX C-41P	DEFOAMER	0.250	%BWOC		

Production Cement Additives:

Lead:

95% TXI Lightweight cement

95% CHP-07

0.1% C-47B

0.75% C-41P

0.175% Citric Acid

0.28% CSA-1000

6% STE

5% Salt
6 lb/sk KolSeal
2.5 lb/sk PhenoSeal

Tail:

50% Cement Class H
50% Poz Flyash
0.3% C-47B
0.15% C-20
0.25% C-41P
0.1% CSA-1000

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District III
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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 243739

DRILLING COMMENTS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Permit Number: 243739
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
MALuke	Surface Temperature in Zone of Interest: 100°, Intermediate Temperature in Zone of Interest: 110°, Production Temperature in Zone of Interest: 152°. Please see the attached list of additives for the surface, intermediate (stage 1 and stage 2) and production cement strings.	11/1/2017
MALuke	Surface: Approximate temperature of slurry when mixed: 80°F, Volume of cement slurry in cubic feet (lead): 1,723.8 cu.ft, Volume of cement slurry in cubic feet (tail) 737 cu.ft.; Intermediate (Stage 1): Approximate temperature of slurry when mixed: 80°F, Volume of cement slurry in cubic feet: 908.1 cu.ft.; Intermediate (Stage 2): Approximate temperature of slurry when mixed: 80°F, Volume of cement slurry in cubic feet: 2490.9 cu.ft.; Production: Approximate temperature of slurry when mixed: 80°F, Volume of cement slurry in cubic feet (lead) 4,024.2 cu.ft., Volume of cement slurry in cubic fee	11/1/2017