

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 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 222841 WELL API NUMBER 30-025-42817 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name PAN HEAD FEE																																																																																
<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 011H																																																																																
2. Name of Operator COG OPERATING LLC		9. OGRID Number 229137																																																																																
3. Address of Operator One Concho Center, 600 W. Illinois Ave, Midland, TX 79701		10. Pool name or Wildcat																																																																																
4. Well Location Unit Letter <u>D</u> : <u>195</u> feet from the <u>N</u> line and feet <u>600</u> from the <u>W</u> line Section <u>11</u> Township <u>17S</u> Range <u>32E</u> NMPM County <u>Lea</u>																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4170 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 NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> 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. See Attached 5/29/2016 Spudded well.																																																																																		
<b>Casing and Cement Program</b> <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>05/30/16</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>1118</td> <td>800</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td></td> <td>N</td> </tr> <tr> <td>05/31/16</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>2419</td> <td>750</td> <td></td> <td>C</td> <td></td> <td>1200</td> <td></td> <td>N</td> </tr> <tr> <td>06/11/16</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>5</td> <td>17</td> <td>L80</td> <td>0</td> <td>11857</td> <td>2550</td> <td></td> <td>C</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>06/11/16</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>29</td> <td>L80</td> <td>0</td> <td>5290</td> <td>0</td> <td></td> <td></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	05/30/16	Surf	FreshWater	17.5	13.375	54.5	J55	0	1118	800		C		1500		N	05/31/16	Int1	FreshWater	12.25	9.625	40	J55	0	2419	750		C		1200		N	06/11/16	Prod	FreshWater	8.75	5	17	L80	0	11857	2550		C				N	06/11/16	Prod	FreshWater	8.75	7	29	L80	0	5290	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 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 _____ Production Reporting Mgr _____ DATE _____ 6/23/2016 Type or print name _____ Diane Kuykendall _____ E-mail address _____ production@concho.com _____ Telephone No. _____ 432-683-7443																																																																																		
<b>For State Use Only:</b> APPROVED BY: _____ Paul Kautz _____ TITLE _____ Geologist _____ DATE _____ 6/23/2016 2:59:42 PM																																																																																		

**Pan Head Fee # 11H – Drilling/Cement attachment**

5/29/16 Spud 17-1/2" @ 12:00.

5/30/16 TD 17-1/2" @ 1118'. Ran 25jts 13-3/8" J55 54.5# @1118'. Cmt w/600sx C lead, 200sx C tail. PD @ 11:25. Circ 258sxs. WOC 12hrs. Test csg to 1500# for 30 min, good test.

5/31/16 Start drilling 12-1/4" vertical hole @ 1118'. TD 12-1/4" @2419'. Ran 54jts 9-5/8" J55 40# @ 2419'.Cmt w/500sx C lead, 250sxs C tail. Circ 250sxs. WOC 12hrs.

6/01/16 PD@ 1:07am. Test csg to 1200# for 30min, good test. Start drilling 8-3/4" vertical hole @ 2419'.

6/03/16 TD 8-3/4" vertical hole @ 5290'. KOP @ 5290'. Started drilling 8-3/4" curve @ 5290.

6/04/16 TD 8-3/4" curve @ 6141'. Start drilling 8-3/4" lateral 6141'.

6/11/16 TD 8-3/4" lateral @ 11,857'MD, 5848'TVD. Ran 126jts 7" L80 LTC 29# @ 5290'146jts 5-1/2" L80 LTC 17# @11,857'. Cmt w/550sx C lead, 2000sxs C tail. Circ 239sxs.

6/12/16 PD @ 5:15. RR.

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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 222841

**DRILLING COMMENTS**

Operator: COG OPERATING LLC One Concho Center Midland, TX 79701	OGRID: 229137
	Permit Number: 222841
	Permit Type: Drilling

**Comments**

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