

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 228909 WELL API NUMBER 30-025-42819 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name PAN HEAD FEE																																																																																
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 022H																																																																																
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>200</u> feet from the <u>N</u> line and feet <u>780</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.) 4172 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">NOTICE OF INTENTION TO:</td> <td colspan="2">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. See Attached 11/1/2016 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>11/02/16</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>1136</td> <td>750</td> <td></td> <td>c</td> <td></td> <td>1900</td> <td></td> <td>N</td> </tr> <tr> <td>11/03/16</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>2441</td> <td>650</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td></td> <td>Y</td> </tr> <tr> <td>11/15/16</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>29</td> <td>L80</td> <td>0</td> <td>5795</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>11/15/16</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>5.5</td> <td>17</td> <td>L80</td> <td>0</td> <td>12370</td> <td>2975</td> <td></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	11/02/16	Surf	FreshWater	17.5	13.375	54.5	J55	0	1136	750		c		1900		N	11/03/16	Int1	FreshWater	12.25	9.625	40	J55	0	2441	650		C		1500		Y	11/15/16	Prod	FreshWater	8.75	7	29	L80	0	5795	0						N	11/15/16	Prod	FreshWater	8.75	5.5	17	L80	0	12370	2975		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"/> .																																																																																		
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Pan Head Fee # 22H – Drilling/Cement attachment

11/01/16 Spud 17-1/2" @ 2:00am. TD 17-1/2" @ 1136'.

11/02/16 Ran 26jts 13-3/8" J55 54.5# @1136'. Cmt w/550sx C lead, 200sx C tail. PD @ 8:23am. Circ 225sxs. WOC 12hrs. Test csg to 1900# for 30 min, good test.

11/03/16 TD 12-1/4" @2441'. Ran 58jts 9-5/8" J55 40# @ 2441'.Cmt w/450sx C lead, 200sxs C tail. Circ 159sxs. WOC 12hrs. PD@ 10:52pm.

11/04/16 Test csg to 1500# for 30min, good test.

11/07/16 TD 8-3/4" vertical hole @ 5795'. KOP @ 5795'.

11/08/16 TD 8-3/4" curve @ 6832'.

11/14/16 TD 8-3/4" lateral @ 12,370'MD, 6446'TVD.

11/15/16 Ran 138jts 7" L80 LTC 29# @ 5795'149jts 5-1/2" L80 LTC 17# @12,370'. Cmt w/875sx C lead, 2100sxs C tail. PD @ 5:50pm. Circ 545sxs. RR.

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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 228909

DRILLING COMMENTS

Operator: COG OPERATING LLC One Concho Center Midland, TX 79701	OGRID: 229137
	Permit Number: 228909
	Permit Type: Drilling

Comments

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