

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 266911 WELL API NUMBER 30-015-42453 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name GRAHAM NASH STATE COM																																																																
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 005H																																																																
2. Name of Operator COG OPERATING LLC		9. OGRID Number 229137																																																																
3. Address of Operator 600 W Illinois Ave, Midland, TX 79701		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>4</u> : <u>280</u> feet from the <u>S</u> line and feet <u>760</u> from the <u>E</u> line Section <u>33</u> Township <u>26S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3058 GR																																																																		
Pit or Below-grade Tank Application ☐ or Closure ☐ 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 ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____ SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒																																																																		
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. 3/22/19 Spud well. TD 17 1/2" surface hole @ 418'. Set 13 3/8" 54.5# J-55 BTC csg @ 418'. Cmt w/420 sx. Circ 166 sx to surface. WOC 4 hrs. 3/23/19 Suspend operations 4/13/19 Resume operations. Test BOP. Test csg to 1500# for 30 minutes. 4/15/19 TD 12 1/4" intermediate hole @ 2475'. Set 9 5/8" 40# J-55 BTC csg @ 2475'. Cmt 1st stage w/600 sx lead. Tailed in w/305 sx. Circ 303 sx to surface. WOC 4 hrs. Test BOP. Test csg to 1500# for 30 minutes. 4/29/19 TD 8 3/4" lateral @ 14810' (KOP @ 7430'). Set 5 1/2" 17# P-110RY CDC-HTQ csg @ 14795'. Cmt w/690 sx lead. Tailed in w/1735 sx. Circ 1503/22/2019 Spudded well.																																																																		
Casing and Cement Program <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>03/22/19</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>26</td> <td>418</td> <td>420</td> <td>1.35</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>04/15/19</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>26</td> <td>2475</td> <td>905</td> <td>1.73</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>04/29/19</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>5.5</td> <td>17</td> <td>P110</td> <td>26</td> <td>14795</td> <td>2422</td> <td>1.22</td> <td>H</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	03/22/19	Surf	FreshWater	17.5	13.375	54.5	J55	26	418	420	1.35	C		1500	0	N	04/15/19	Int1	FreshWater	12.25	9.625	40	J55	26	2475	905	1.73	C		1500	0	N	04/29/19	Prod	FreshWater	8.75	5.5	17	P110	26	14795	2422	1.22	H				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 ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																		
SIGNATURE <u>Electronically Signed</u> Type or print name <u>Diane Kuykendall</u> TITLE <u>Production Reporting Mgr</u> E-mail address <u>dkuykendall@concho.com</u> DATE <u>5/3/2019</u> Telephone No. <u>432-683-7443</u>																																																																		
For State Use Only: APPROVED BY: <u>Raymond Podany</u> TITLE <u>Geologist</u> DATE <u>5/22/2019 2:25:04 PM</u>																																																																		

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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 266911

DRILLING COMMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Permit Number: 266911
	Permit Type: Drilling

Comments

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