

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 177376 WELL API NUMBER 30-015-40956 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name GRAVE DIGGER 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 007H																																																
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>1</u> : <u>240</u> feet from the <u>N</u> line and feet <u>991</u> from the <u>E</u> line Section <u>2</u> Township <u>20S</u> Range <u>25E</u> NMPM _____ County <u>Eddy</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3448 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 <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 ☐</td> <td>PLUG AND ABANDON ☐</td> <td>REMEDIAL WORK ☐</td> <td>ALTER CASING ☐</td> </tr> <tr> <td>TEMPORARILY ABANDON ☐</td> <td>CHANGE OF PLANS ☐</td> <td>COMMENCE DRILLING OPNS. ☐</td> <td>PLUG AND ABANDON ☐</td> </tr> <tr> <td>PULL OR ALTER CASING ☐</td> <td>MULTIPLE COMPL ☐</td> <td>CASING/CEMENT JOB ☐</td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> ☒</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐	TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐	PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐		Other: _____		Other: <u>Drilling/Cement</u> ☒																													
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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. 10/4/13 Spud 11 @ 8AM. 10/5/13 TD 11 @ 1137. Ran 26jts 8-5/8 J55 32# @ 1137. Cmt w/1325sx C. PD @ 6:42PM. Run temp survey, TOC @ 380. Pump 8stages 499sx. Circ 8sx. WOC 18hrs. Test csg to 1500# for 30min ok. 10/7/13 Drill 7-7/8 vert sect 1137-2442. Drill 7-7/8 curve, KOP @ 2491. 10/10/13 TD curve @ 3342. Drill lateral from 3342-7482. 10/16/13 TD 7-7/8 @ 7482MD 3024TVD. 10/17/13 Ran 172jts 5-1/2 17# L80 @ 7482. Cmt 300sx C. +add id, 300sx C. +add tl. 350sx H. PD @ 10:14PM. Circ 192sx. 10/18/13 RR. 10/4/2013 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>10/17/13</td> <td>Prod</td> <td></td> <td>7.875</td> <td>5.5</td> <td>17</td> <td>L80</td> <td>0</td> <td>7482</td> <td>950</td> <td></td> <td>C,H</td> <td></td> <td>2500</td> <td></td> <td>Y</td> </tr> <tr> <td>10/05/13</td> <td>Surf</td> <td></td> <td>11</td> <td>8.625</td> <td>32</td> <td>J55</td> <td>380</td> <td>1137</td> <td>1325</td> <td></td> <td>C,H</td> <td></td> <td>1500</td> <td></td> <td>Y</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	10/17/13	Prod		7.875	5.5	17	L80	0	7482	950		C,H		2500		Y	10/05/13	Surf		11	8.625	32	J55	380	1137	1325		C,H		1500		Y
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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 ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																		
SIGNATURE		Electronically Signed	TITLE	Production Reporting Mgr	DATE	11/18/2013																																												
Type or print name		Diane Kuykendall	E-mail address	dkuykendall@conchoresources.com	Telephone No.	432-683-7443																																												
For State Use Only: APPROVED BY: <u>Randy Dade</u> TITLE <u>District Supervisor</u> DATE <u>11/19/2013 4:19:45 PM</u>																																																		

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State of New Mexico
Energy, Minerals and Natural Resources
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Comments
Permit 177376

DRILLING COMMENTS

Operator: COG OPERATING LLC One Concho Center Midland, TX 79701	OGRID:	229137
	Permit Number:	177376
	Permit Type:	Drilling

Comments

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