

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 173082 WELL API NUMBER 30-025-40969 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name OSPREY 20 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 003H																																																																
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>K</u> : <u>2590</u> feet from the <u>S</u> line and feet <u>1680</u> from the <u>W</u> line Section <u>20</u> Township <u>21S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3714 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. 7/23/13 TD 7 7/8" vertical hole @ 12250'. Set 1st plug @ TD w/100 sx. Est TOC @ 12000'. Set 2nd plug 10250-11150' w/350 sx. Tag cmt @ 10488'. TIH & pump 150 sx. WOC. Tag @ 10140'. Drilled out to 10523'. Set 3rd plug w/170 sx. Tag @ 10100'. Drilled out to 10345' (KOP). Drilled 7 7/8" curve & lateral to 16573' w/cut brine. 8/13/13 TD 7 7/8" lateral. Set 5 1/2 17# P-110 csg @ 16342'. Set DVT @ 10018'. Cmt 1st Stage w/1600 sx Class H. Cmt 2nd Stage w/610 sx. Tailed in w/200 sx. TOC @ 4150' (TS). 8/16/13 Released rig. 7/5/2013 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>07/07/13</td> <td>Surf</td> <td></td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>0</td> <td>1973</td> <td>1305</td> <td></td> <td>C</td> <td>100</td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>07/12/13</td> <td>Int1</td> <td></td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>5817</td> <td>2140</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>08/14/13</td> <td>Prod</td> <td>CutBrine</td> <td>7.875</td> <td>5.5</td> <td>17</td> <td>P110</td> <td>4150</td> <td>16342</td> <td>2410</td> <td></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	07/07/13	Surf		17.5	13.375	54.5	J55	0	1973	1305		C	100	1500	0		07/12/13	Int1		12.25	9.625	36	J55	0	5817	2140		C		1500	0		08/14/13	Prod	CutBrine	7.875	5.5	17	P110	4150	16342	2410		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 NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																		
SIGNATURE <u>Electronically Signed</u>		TITLE <u>Production Reporting Mgr</u>																																																																
Type or print name <u>Diane Kuykendall</u>		E-mail address <u>dkuykendall@conchoresources.com</u>																																																																
DATE <u>9/10/2013</u>		Telephone No. <u>432-683-7443</u>																																																																
For State Use Only: APPROVED BY: <u>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>9/10/2013 2:15:30 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 173082

DRILLING COMMENTS

Operator: COG OPERATING LLC One Concho Center Midland, TX 79701	OGRID:	229137
	Permit Number:	173082
	Permit Type:	Drilling

Comments

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