

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 882 10  
District III  
1000 Fio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 8756;

RECEIVED  
JUN 23 2006

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

1. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address <b>COG Operating, LLC</b> <b>550 W. Texas, Suite 1300</b> <b>Midland, Tx 79701</b>		2 OGRID Number <b>229137</b>
		3 Reason for Filing Code/ Effective Date <b>NW</b>
4 API Number <b>30-015-34709</b>	5 Pool Name <b>Loco Hills; Paddock</b>	6 Pool Code <b>96718</b>
7 Property Code <b>302440</b>	8 Property Name <b>Harvard Federal</b>	9 Well Number <b>5</b>

II. Surface Location

UL or lot no. <b>H</b>	Section <b>11</b>	Township <b>17S</b>	Range <b>30E</b>	Lot Idn	Feet from the <b>2310</b>	North/South Line <b>North</b>	Feet from the <b>990</b>	East/West line <b>East</b>	County <b>Eddy</b>
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11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Lse Code <b>F</b>	13 Producing Method Code <b>P</b>	14 Gas Connection Date <b>5/15/2006</b>	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
<b>015694</b>	<b>Navajo Refining</b> <b>PO Box 159</b> <b>Artesia, NM 88211-0159</b>	<b>0104198</b>	<b>O</b>	<b>Unit H, Sec. 16 T17S R30E</b>
<b>221115</b>	<b>Frontier Field Services, LLC</b> <b>4200 E. Skelly Drive, Suite 700</b> <b>Tulsa, OK 74135</b>	<b>0104199</b>	<b>G</b>	<b>Unit H, Sec. 16 T17S R30E</b>

IV. Produced Water

23 POD <b>0104200</b>	24 POD ULSTR Location and Description <b>Unit H, Sec. 16 T17S R30E</b>
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V. Well Completion Data

25 Spud Date <b>4/17/2006</b>	26 Ready Date <b>5/15/2006</b>	27 TD <b>6250</b>	28 PBDT <b>6217</b>	29 Perforations <b>5098-5331'</b>	30 DHC, MC
31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement		
<b>17 1/2</b>	<b>13 3/8" H-40</b>	<b>441</b>	<b>628sx</b>		
<b>12 1/4</b>	<b>8 5/8" J-55</b>	<b>1328</b>	<b>780sx</b>		
<b>7 7/8</b>	<b>5 1/2" J-55</b>	<b>6243</b>	<b>1475sx</b>		
	<b>2 7/8</b>	<b>5343</b>			

VI. Well Test Data

35 Date New Oil <b>5/19/2006</b>	36 Gas Delivery Date <b>5/19/2006</b>	37 Test Date <b>5/31/2006</b>	38 Test Length <b>24 hours</b>	39 Tbg. Pressure	40 Csg. Pressure
41 Choke Size	42 Oil <b>82</b>	43 Water <b>450</b>	44 Gas <b>376</b>	45 AOF	46 Test Method <b>P</b>
47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Jerry W. Sherrell</i>			OIL CONSERVATION DIVISION		
Printed name: <b>Jerry W. Sherrell</b>			Approved by: <b>BRYAN G. ARANT</b>		
Title: <b>Production Clerk</b>			Title: <b>DISTRICT II GEOLOGIST</b>		
E-mail Address: <b>DKJuykendall@conchoresources.com</b>			Approval Date: <b>JUN 26 2006</b>		
Date: <b>6/22/2006</b>		Phone: <b>(432)685-4372</b>			