

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio 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 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 550 W. Texas Avenue, Suite 1300 Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW effect 12-21-05
⁴ API Number 30 - 025-37210	⁵ Pool Name Lusk WILDEAT; BONE SPRING North	⁶ Pool Code 41450
⁷ Property Code 34782	⁸ Property Name VALHALLA 4 FEDERAL COM	⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no. D	Section 4	Township 19S	Range 32E	Lot.Idn	Feet from the 660	North/South Line North	Feet from the 660	East/West line West	County Lea
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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 F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12-21-2005	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
34053	Plains Marketing		O	
036785	Duke Energy Field Serv LP P O Box 30020 Midland, TX 79710		G	

IV. Produced Water

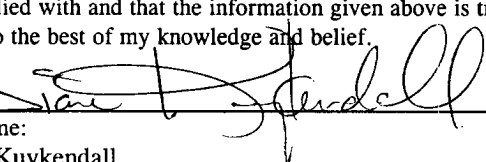
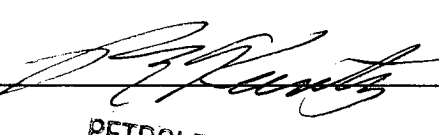
²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 8/6/05	²⁶ Ready Date 12/19/05	²⁷ TD 13,096	²⁸ PBTD 10,715	²⁹ Perforations 9,420 - 9,510	³⁰ DHC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17-1/2	13-3/8	500	450 sx CI C		
12-1/4	8-5/8	4,348	1865 sx CI C		
7-7/8	5-1/2	13,096	1750 sx CI H		
	2-7/8" tbg	9,284			

VI. Well Test Data

³⁵ Date New Oil 12-19-2005	³⁶ Gas Delivery Date 12-21-2005	³⁷ Test Date 12-25-2005	³⁸ Test Length 24	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil 120	⁴³ Water 35	⁴⁴ Gas 92	⁴⁵ AOF	⁴⁶ Test Method Pumping

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: 		OIL CONSERVATION DIVISION	
Printed name: Diane Kuykendall		Approved by: 	
Title: Regulatory Analyst		Title: PETROLEUM ENGINEER	
E-mail Address: dkuykendall@conchoresources.com		Approval Date: FEB 08 2006	
Date: 1/16/06	Phone: 432-685-4372		