



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-015-38639

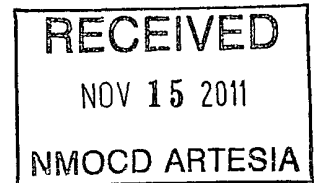
September 12, 2011

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Dodd Federal Unit #631
956' FSL & 206' FEL
Sec. 15, T17S, R29E
Eddy County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.



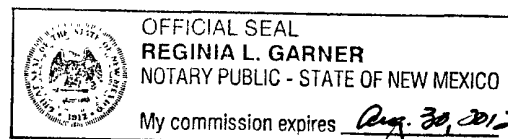
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 12th day of September, 2011.


Regina L. Garner
Notary Public



Dodd Federal Unit #631

Date	Depth	Dev/Inc	Dir/AZ	TVD
9/3/2011	193	0.20		
9/6/2011	1072	1.30		
9/7/2011	1492	0.40		
9/7/2011	1970	0.70		
9/7/2011	2480	0.50		
9/7/2011	2957	0.60		
9/8/2011	3435	0.40		
9/8/2011	3913	0.50		

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 October 15, 2009

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 550 West Texas Ave, Suite 100 Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW effective 10/5/11
⁴ API Number 30 - 015-38639	⁵ Pool Name GRAYBURG JACKSON; SR-Q-G-SA	⁶ Pool Code 28509
⁷ Property Code 308195	⁸ Property Name DODD FEDERAL UNIT	⁹ Well Number 631

II. ¹⁰ Surface Location

Ul or lot no. P	Section 15	Township 17S	Range 29E	Lot Idn	Feet from the 956	North/South Line South	Feet from the 206	East/West line East	County Eddy
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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 10/5/11	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 O/G/W
		O
	Navajo Refining Co.	
		G
	Frontier Energy Services	

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IV. Well Completion Data

²¹ Spud Date 9/2/11	²² Ready Date 10/5/11	²³ TD 4554	²⁴ PBTD 4506	²⁵ Perforations 4070-4434	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	345	400		
11	8-5/8	947	1000		
7-7/8	5-1/2	4554	1000		
	2-7/8 tbq	4051			

V. Well Test Data

³¹ Date New Oil 10/14/11	³² Gas Delivery Date 10/14/11	³³ Test Date 10/18/11	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 131	³⁹ Water 413	⁴⁰ Gas 188	⁴¹ Test Method P	

⁴² 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:

C Jackson

Printed name:
Chasity Jackson

Title:
Regulatory Analyst

E-mail Address:
cjackson@concho.com

Date:
11/4/11

Phone:
432-686-3087

OIL CONSERVATION DIVISION

Approved by:

T. C. Shepard

Title:

Geologist

Approval Date:

DEC 14 2011

GAH