

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 1, 2011

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 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 015-41283	⁵ Pool Name Welch; Bone Spring		⁶ Pool Code 64010
⁷ Property Code 39841	⁸ Property Name Barn Owl Federal		⁹ Well Number 3H

II. ¹⁰ Surface Location

Ul or lot no. N	Section 18	Township 26S	Range 27E	Lot Idn	Feet from the 380	North/South Line South	Feet from the 1890	East/West line West	County Eddy
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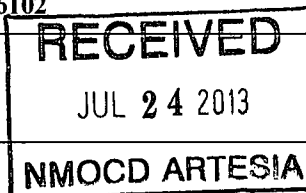
¹¹ Bottom Hole Location

Ul or lot no. C	Section 18	Township 26S	Range 27E	Lot Idn	Feet from the 332	North/South Line North	Feet from the 1807	East/West line West	County Eddy
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¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 7/11/13	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
151618	Enterprise Field Services, LLC P.O. Box 4503 Houston, TX 77210-4503	O
241472	Southern Union Gas Services, Ltd 301 Commerce Street - Ste 700 Fort Worth, TX 76102	G



IV. Well Completion Data

²¹ Spud Date 5/11/13	²² Ready Date 7/7/13	²³ TD 11904' 7520	²⁴ PBTD 11857'	²⁵ Perforations 7706-11850'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	350'	375 sx		
12 1/4"	9 5/8"	1990'	650 sx		
7 7/8"	5 1/2"	11904'	2000 sx		

V. Well Test Data

³¹ Date New Oil 7/12/13	³² Gas Delivery Date 7/11/13	³³ Test Date 7/17/13	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 380#
³⁷ Choke Size 1"	³⁸ Oil 558	³⁹ Water 2552	⁴⁰ Gas 1042		⁴¹ Test Method Flowing

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:

Printed name:
Stormi Davis

Title:
Regulatory Analyst

E-mail Address:
sdavis@concho.com

Date:
7/23/13

Phone:
575-748-6946

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

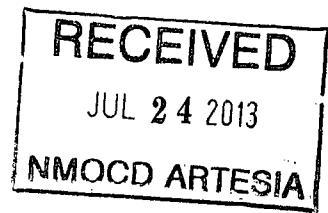
"Geologist"

8/23/2013

BARN OWL FEDERAL #3H

30-015-41283

Sec 18-T26S-R27E



<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
11481-11799'	3104	300916	263718
11062-11380'	3024	303181	259014
10642-10960'	3040	303540	235116
10223-10540'	3041	297653	233184
9803-10120'	3040	298514	231000
9384-9751'	3008	301405	233226
8964-9281'	3025	297834	230832
8545-8862'	3025	298922	221424
8125-8442'	3066	303958	221928
7706-8023'	3024	339876	229194
Totals	30397	3045799	2358636