

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 5/10/11 |
| ⁴ API Number 30 – 015 – 38075 ✓ | ⁵ Pool Name Empire; Glorieta-Yeso <i>K2</i> | ⁶ Pool Code 96210 |
| ⁷ Property Code 302584 ✓ | ⁸ Property Name White Oak State ✓ | ⁹ Well Number 18 ✓ |

II. ¹⁰ Surface Location

| | | | | | | | | | |
|---------------------------|----------------------|------------------------|---------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|-------------------------|
| UI or lot no. H | Section 23 | Township 17S | Range 28E | Lot Idn | Feet from the 1650 | North/South Line North | Feet from the 330 | East/West line East | County Eddy ✓ |
|---------------------------|----------------------|------------------------|---------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|-------------------------|

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 S ✓ | ¹³ Producing Method Code P ✓ | ¹⁴ Gas Connection Date 5/10/11 | 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 |
| 2820189 | Navajo Refining Company | O ✓ |
| 2820190 | DCP Midstream | G ✓ |
| | | |
| | | |
| | | |
| | | |

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IV. Well Completion Data

| | | | | | |
|--|--|-----------------------------------|-------------------------------------|--|-----------------------|
| ²¹ Spud Date 4/9/11 ✓ | ²² Ready Date 5/10/11 ✓ | ²³ TD 5394 ✓ | ²⁴ PBTB 5347 ✓ | ²⁵ Perforations 3740 - 4940 ✓ | ²⁶ DHC, MC |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 17-1/2 | 13-3/8 | 287 | 950 | | |
| 11 | 8-5/8 | 880 | 400 | | |
| 7-7/8 | 5-1/2 | 5394 | 950 | | |
| | 2-7/8 tbg | 4878 | | | |

V. Well Test Data

| | | | | | |
|---|--|---|--|--|--|
| ³¹ Date New Oil 6/9/11 ✓ | ³² Gas Delivery Date 6/9/11 | ³³ Test Date 6/11/11 ✓ | ³⁴ Test Length 24 hrs | ³⁵ Tbg. Pressure 70 | ³⁶ Csg. Pressure 70 |
| ³⁷ Choke Size | ³⁸ Oil 74 | ³⁹ Water 461 | ⁴⁰ Gas 114 | | 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: <i>Netha Aaron</i> | | | OIL CONSERVATION DIVISION | | |
| Printed name: Netha Aaron | | | Approved by: <i>[Signature]</i> | | |
| Title: Regulatory Analyst | | | Title: <i>Dist. Engineer</i> | | |
| E-mail Address: oaaron@conchoresources.com | | | Approval Date: <i>07/19/2011</i> | | |
| Date: 5/26/2011 | | Phone: 432-818-2319 | | | |

Operator: COG Well Name: White Oak State #18

OGRID: 229131 API: 30-0 15 - 38075 Lease Type F(S)P

Date C104 rec'd 06/20/2011 C-104 filed for N VRT PB RE DHC Other
Date of file review 07/19/2011

Inactive Well List 8 out of 2936
Additional Bonding: 12

Pool K2

APD Approval Date 08/19/2010
Pit Permit Approval 08/19/2010 Permit # 210645 Pit Closure: 04/16/2011

Spud notice ✓ 04/09/2011

Casing:

Surface 13.375 amended required
Intermediate 8.025 amended required
Production 5.5 amended required

TD Reached: 04/15/2011

Rig Released:

Deviation Survey: 858 @ 5254 TD @ 5394

Standard or Directional Survey MD TVD

"As Drilled" or Amended C-102 ✓

BHL: UL H S23 T175 R28E Footages 650 FNL/FSL 330 FWL FEL

Completion Sundry: 06/20/2011 ✓

Completion Report: 06/20/2011

Logs (1)

COMPLIANCE: NSL NSP
DHC ART

OTHER REQUIREMENTS:

Inactive Well List // Date to RD for approval 07/19/2011
Additional Bonding

Reviewed by: dm NZ DENIED