

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 184839

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address COG OPERATING LLC One Concho Center Midland, TX 79701		2. OGRID Number 229137
4. Property Code 40333		3. API Number 30-015-42325
5. Property Name HEARSE 36 STATE COM		6. Well No. 007H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	36	19S	25E		150	S	990	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	36	19S	25E	A	330	N	990	E	Eddy

9. Pool Information

N Seven Rivers; Glorieta Yeso	0
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3399
16. Multiple N	17. Proposed Depth 7758	18. Formation Yeso Formation	19. Contractor	20. Spud Date 9/24/2014
Depth to Ground water 110		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	32	1200	700	0
Prod	7.875	5.5	17	7758	800	0

Casing/Cement Program: Additional Comments

COG proposes to drill an 11" hole to 1100' w/fresh water, run 8-5/8" 32# J-55 and cement to surface. Drill a 7-7/8" hole to 2682' MD and kick off and drill curve to 3203' TVD 3502' MD. Drill a 7-7/8" lateral to new BHL @ 3188' TVD 7758' MD. Run a 5 1/2" 17# L-80 casing to TD cement to surface with 800 sacks.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: Printed Name: Electronically filed by Diane Kuykendall Title: Production Reporting Mgr Email Address: dkuykendall@conchoresources.com Date: 4/16/2014	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 4/16/2014 Expiration Date: 4/16/2016 Conditions of Approval Attached
Phone: 432-683-7443	

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Form C-102
August 1, 2011
Permit 184839

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42325	2. Pool Code	3. Pool Name N Seven Rivers; Glorieta Yeso
4. Property Code 40333	5. Property Name HEARSE 36 STATE COM	6. Well No. 007H
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3399







10. Surface Location

UL - Lot P	Section 36	Township 19S	Range 25E	Lot Idn	Feet From 150	N/S Line S	Feet From 990	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 36	Township 19S	Range 25E	Lot Idn	Feet From 330	N/S Line N	Feet From 990	E/W Line E	County EDDY
12. Dedicated Acres 160.00	13. Joint or Infill		14. Consolidation Code				15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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Form APD Comments

 Permit 184839

PERMIT COMMENTS

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701		API Number: 30-015-42325
		Well: HEARSE 36 STATE COM #007H
Created By	Comment	Comment Date
kholly1	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	4/16/2014
CSHAPARD	Land s/s	4/16/2014

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Form APD Conditions
Permit 184839

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701		API Number: 30-015-42325
		Well: HEARSE 36 STATE COM #007H
OCD Reviewer	Condition	
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	