

District I
1625 N. French Dr. Hobbs NM 88240
Phone (505) 393-6161 Fax (505) 393-0720

District II
811 S. First St. Artesia NM 88210
Phone (505) 748-1285 Fax (505) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6175 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 156667

HOBBS OCD
OCT 24 2012

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

1 Operator Name and Address COG OPERATING LLC One Concho Center Midland, TX 79701		2 OGRID Number 229137
		3 API Number 30-025-40830
4 Property Code 39519	5 Property Name HINKLE 11 STATE	6 Well No 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N.S Line	Feet From	E.W Line	County
I	11	17S	35E	I	2310	S	990	E	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N.S Line	Feet From	E.W Line	County
<i>I</i>	11	17S	35E	I	2310	S	990	E	Lea

9. Pool Information

VACUUM BLINEBRY, NORTHEAST	97021
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Additional Well Information

11 Work Type New Well	12 Well Type OIL	13 Cable Rotary	14 Lease Type State	15 Ground Level Elevation 3946
16 Multiple N	17 Proposed Depth 8600	18 Formation Yeso Formation	19 Contractor	20 Spud Date 11/30/2012
Depth to Ground water 110		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	480	450	0
Intl	11	8.625	32	4900	1000	0
Prod	7.875	5.5	17	8600	1000	0

Casing/Cement Program: Additional Comments

COG proposes to drill a 17-1/2" hole to 480' w/br mud system, wt 8.5, vis 28, set 13-3/8" casing & cement to surface. Drill an 11" hole to 4900' w/br mud system, wt 10, vis 30. Set 8-5/8" casing & cement to surface. Drill 7-7/8" hole to 8600' w/cut brine mud system, wt 9.1, vis 29-32. Test Yeso formation. Run 5-1/2" casing & cement to surface. Note: On production string, a caliper will be run. COG will attempt to circulate cement.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	

25 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 ☒ and/or 19-15-14-9 (B) NMAC ☒ if applicable. Signature: _____	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Diane Kuykendall	Approved By: ELIDIO GONZALES
Title: Production Reporting Mgr	Title: HOBBS STAFF MANAGER
Email Address: dkuykendall@conchoresources.com	Approved Date: 10/23/2012 Expiration Date: 10/23/2014
Date: 10/22/2012 Phone: 432-683-7443	Conditions of Approval Attached

Amended

OCT 24 2012

dm