

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

District II
511 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax (505) 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 156670

HOBBS OCD

OCT 24 2012

RECEIVED

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

1 Operator Name and Address COG OPERATING LLC One Concho Center Midland, TX 79701		2 OGRID Number 229137
		3 API Number 30-025-40832
4 Property Code 39520	5 Property Name HOOSIER 22 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	Country
G	22	17S	35E	G	2220	N	2310	E	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	Country
<i>★</i> 16	22	17S	35E	G	2220	N	2310	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 3935
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	15.575	48	480	450	0
Int1	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/ wttr 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/ cur 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	

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 19.16.14.9 (A) NMAC ☒ and/or 19.16.14.9 (B) NMAC ☒ if applicable. Signature _____ Printed Name: Electronically filed by Diane Kuykendall Title: Production Reporting Mgr Email Address: dkuykendall@conchoresources.com Date: 10/22/2012	OIL CONSERVATION DIVISION	
	Approved By: ELIDIO GONZALES	
	Title: HOBBS STAFF MANAGER	
	Approved Date: 10/23/2012	Expiration Date: 10/23/2014
	Conditions of Approval Attached	

OCT 24 2012

dm