

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 593-6161 Fax: (505) 593-6720
District II
811 S. First St., Artesia, NM 88110
Phone: (505) 749-1233 Fax: (505) 749-9720
District III
1000 Rio Bravo Rd., Aztec, NM 87410
Phone: (505) 334-6174 Fax: (505) 334-4170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 474-3470 Fax: (505) 474-3442

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

Form C-151
August 1, 2011
Permit 152576

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

1. Operator Name and Address COG OPERATING LLC One Coucho Center Midland, TX 79701		2. OGFID Number 229137
		3. API Number 36-015-41142
4. Property Code 368169	5. Property Name SRO STATE UNIT	6. Well No. 044H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Loc	Feet From	N S Line	Feet From	E W Line	County
C	17	26S	26E	C	190	N	2220	W	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Loc	Feet From	N S Line	Feet From	E W Line	County
N	20	26S	26E	N	330	S	2220	W	Eddy

9. Pool Information

HAY HOLLOW BONE SPRING	30215
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Additional Well Information

11. Well Type New Well	12. Well Type OIL	13. Cable Entry	14. Lease Type State	15. Ground Level Elevation 3055
16. Multiple N	17. Proposed Depth 1780'	18. Formation Bone Spring	19. Completion	20. Spud Date 3/1/2013
Depth to Ground water		Distance from nearest salt water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	330	350	
Intl	12.25	9.625	56	2350	650	
Pred	7.875	5.5	17	17804	2200	2100

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 330' with Fresh Water. Run 13-3/8", 48#, J-55 csg and cement to surface. Drill 12-1/4" hole to 2350' with Brine, and run 9-5/8", 56#, J55 and cement to surface. Drill 7-7/8" vertical, curve and lateral with cut brine to approx 17,804' M.D. Run 5-1/2", 17#, P-110 csg and cement to 2100' in 1 stage.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature: _____ Printed Name: Electronically filed by Diane Kuykendall Title: Production Reporting Mgr Email Address: dkuykendall@conchoresources.com Date: 2/21/2013 Phone: 432-633-7443	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 2/26/2013 Expiration Date: 2/26/2015 Conditions of Approval Attached
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NMOCD CASE Nos. 15441, 15481, 15482
NEX, SRO2 LLC AND SRO3 LLC
Exhibit No. 5
May 4, 2016

C 024586