

District I
1621 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-8720
District III
1500 Rio Bravo Rd., Alamogordo, NM 87410
Phone: (505) 834-6174 Fax: (505) 834-6170
District IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-2479 Fax: (505) 476-3442

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

Form C-131
August 1, 2011
Permit 152870

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. OGFID Number 229137
4. Property Code 308169		3. API Number 30-015-41142
5. Property Name SRO STATE UNIT		6. Well No. 04TH

7. Surface Location

UL - Lot	Section	Township	Range	Lot Loc	Feet From	N S Line	Feet From	E W Line	County
C	17	26S	28E	C	160	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	28E	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 3088
16. Multiple N	17. Proposed Depth 17804	18. Formation Bone Spring	19. Cement	20. Spud Date 3/1/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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	350	350	
Int1	12.25	9.625	36	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 350' with Fresh Water. Run 13-3/8", 48#, J-55 csg and cement to surface. Drill 12-1/4" hole to 2300' with Brine, and run 9-5/8", 36#, J55 and cement to surface. Drill 7-7/8" vertical, curve and lateral with cut brine to approx 17,804' MSD. 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 Kaykendall Title: Production Reporting Mgr Email Address: dkaykenda@conchoresources.com Date: 2/21/2013 Phone: 421-683-7443		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