

District I
1623 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6720
District II
511 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-5720
District III
1000 Rio Brazos Rd., Artesia, NM 87410
Phone: (505) 334-8178 Fax: (505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3430 Fax: (505) 476-3432

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: 152571

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
		3. API Number 50-015-41141
4. Property Code 308169	5. Property Name SRO STATE UNIT	6. Well No. 043H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Ida	Feet From	N S Line	Feet From	E W Line	County
D	17	26S	28E	D	190	N	990	W	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Ida	Feet From	N S Line	Feet From	E W Line	County
M	29	26S	28E	M	330	S	990	W	Eddy

9. Pool Information

HAY HOLLOW BONE SPRING	30213
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Additional Well Information

11. Well Type New Well	12. Well Type OIL	13. Cable Rotary	14. Lease Type State	15. Ground Level Elevation 3113
16. Multiple N	17. Proposed Depth 17762	18. Formation Bone Spring	19. Completion	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	45	350	350	
Int1	12.25	9.625	36	2350	650	
Pred	7.875	5.5	17	17762	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 2350' 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 17,762' MD. 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
DoubleRam	3000	3000	Cameron

13. 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@conshoresources.com Date: 2/21/2013 Phone: 482-683-7443	OIL CONSERVATION DIVISION	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 2/26/2013	Expiration Date: 2/26/2015
	Conditions of Approval Attached	

NMOCD CASE Nos. 15441, 15481, 15482
NEX, SRO2 LLC AND SRO3 LLC
Exhibit No. 3
May 4, 2016

C 024544