

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

Operator Name and Address COG Operating LLC One Concho Center 600 W Illinois Ave, Midland, TX 79701		OGRID Number 229137
		API Number 30-015- 45826
Property Code 325312	Property Name Salt Cedar 16 State SWD	Well No. 1

Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
G	16	26S	28E		1850	North	2185	East	Eddy

Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

Pool Information

Pool Name SWD: Devonian-Silurian	Pool Code 97869
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Additional Well Information

Work Type N	Well Type S	Cable/Rotary	Lease Type State	Ground Level Elevation 3032'
Multiple N	Proposed Depth 16,000'	Formation Devonian	Contractor	Spud Date 04/01/2019
Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water		

☒ We will be using a closed-loop system in lieu of lined pits

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURF	26	20	94	486	700	0
INT1	17.5	13.375	68	2435	1800	0
INT2	12.25	9.625	47	9470	2000	0
LINER	8.5	7.625	39	14,480	425	9000
PROD	6.5	OPEN HOLE		16,000		

Casing/Cement Program: Additional Comments

Drill a 26" hole to 486' with Fresh Water into the Rustler to cover FW water depth. Run 20", 90.4# K-55 casing & cement to surface. Drill 17-1/2" hole to 2435' with Brine, run 13-3/8" of 68# N/L80 casing & cement to surface in one stage. Drill 12-1/4" hole to 9470' with Cut Brine (8.8 to 9.6 ppg) and run 9-5/8" 47# P110 casing & cement to surface in one stage. Drill 8-1/2" hole to 14,480' with Water Based Mud (12.5 ppg to 14 ppg) and run 7-5/8" 39# P110 liner from 14,480' to 9000'. Cement liner back to liner hanger at 9000'. Drill a 6-1/2" hole to approximately 16,000' with Cut Brine. Will leave open hole interval uncemented for open hole salt water disposal below the 7-5/8" liner.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	2000	Cameron
Annular & Double Ram	5000	5000	Cameron
Double Ram	10,000	10,000	Cameron

Rel. 4-10-19

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature:

[Handwritten Signature]

Printed name: Robyn M. Russell

Title: Regulatory Analyst

E-mail Address: Russell@concho.com

Date: 3/13/2019

Phone: 432-685-4385

OIL CONSERVATION DIVISION

Approved By:

[Handwritten Signature]

Title:

Geologist

Approved Date:

4-10-19

Expiration Date:

4-10-21

Conditions of Approval Attached

Approved 6108