

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Intent ☒ As Drilled ☐

DEC 12 2018

API #
30-015-4532

RECEIVED

Operator Name: COG Operating LLC	Property Name: SRO 5 State Com	Well Number 505H
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Kick Off Point (KOP)

UL A	Section 5	Township 26S	Range 28E	Lot	Feet 314	From N/S North	Feet 675	From E/W East	County Eddy
Latitude 32.078067					Longitude -104.102992			NAD 83	

First Take Point (FTP)

UL A	Section 5	Township 26S	Range 28E	Lot	Feet 100	From N/S North	Feet 990	From E/W East	County Eddy
Latitude 32.078655					Longitude -104.104016			NAD 83	

Last Take Point (LTP)

UL P	Section 8	Township 26S	Range 28E	Lot	Feet 100	From N/S South	Feet 990	From E/W East	County Eddy
Latitude 32.050113					Longitude -104.104266			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ Y

Is this well an infill well? ☐ N

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name: COG Operating LLC	Property Name: SRO 5 State Com	Well Number 505H

KZ 06/29/2018

SRO 5 State Com #505H

Casing and Cement

<u>String</u>	<u>Hole Size</u>	<u>Csg OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	17-1/2"	13-3/8"	54.5#	680'	500	0'
Intermediate 2	12-1/4"	9-5/8"	40#	2,500'	900	0'
Production	8-3/4"	5-1/2"	17#	18,256'	3,300	2,100'

Well Plan

Drill 17-1/2" hole to 680' into the Rustler. Run 13-3/8" 54.5# J55 STC casing to TD and cement to surface in one stage. Will set in Rustler and cover water depth.

Drill 12-1/4" hole to ~2,500' with Brine. Run 9-5/8" 40# J-55 casing to TD and cement to surface in one stage.

Drill 8-3/4" vertical hole, curve & lateral to 18,256' with Cut Brine. Run 5-1/2" 17# P110 BTC casing to TD and cement to 2,100' in one stage.

Well Control

After setting 13-3/8" casing and installing 3000 psi casing head, NU 13-5/8" Cameron BOP. Test annular and casing to 1500 psi and other BOP equipment to 3000 psi.

After setting 9-5/8" casing and installing 3000 psi casing spool, NU 13-5/8" Cameron BOP. Test annular to 1500 psi and other BOP equipment to 3000 psi.