

NM OIL CONSERVATION  
ARTESIA DISTRICT

Intent  As Drilled

DEC 12 2018

API # <b>30-015-45548</b>			<b>RECEIVED</b>					
Operator Name: COG Operating LLC			Property Name: SRO 4 State Com			Well Number 502H		

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	4	26S	28E		223	North	1190	West	Eddy
Latitude					Longitude				NAD
32.078312					-104.096973				83

First Take Point (FTP)

UL D	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	4	26S	28E		100	North	990	West	Eddy
Latitude					Longitude				NAD
32.078651					-104.097623				83

Last Take Point (LTP)

UL M	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	9	26S	28E		100	South	990	West	Eddy
Latitude					Longitude				NAD
32.050127					-104.097875				83

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

Is this well an infill well?

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 4 State Com		Well Number 502H	

KZ 06/29/2018

## SRO 4 State Com #502H

### 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#	700'	500	0'
Intermediate 2	12-1/4"	9-5/8"	40#	2,450'	900	0'
Production	8-3/4"	5-1/2"	17#	18,186'	3,300	2,000'

### Well Plan

Drill 17-1/2" hole to 700' 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 ~2,450' 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 18,186' with Cut Brine. Run 5-1/2" 17# P110 BTC casing to TD and cement to 2,000' 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.