

NM OIL CONSERVATION
ARTESIA DISTRICT

Intent As Drilled

DEC 12 2018

RECEIVED

API # 30-015-45549		
Operator Name: COG Operating LLC	Property Name: SRO 4 State Com	Well Number 503H

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	1160	West	Eddy
Latitude					Longitude			NAD	
32.078312					-104.097070			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	330	West	Eddy
Latitude					Longitude			NAD	
32.078653					-104.099754			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	330	West	Eddy
Latitude					Longitude			NAD	
32.050128					-104.100005			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 4 State Com	Well Number 503H

KZ 06/29/2018

SRO 4 State Com #503H

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#	18,252'	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 18,252' 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.