

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

Intent ☒ As Drilled ☐

DEC 12 2018

API #

**30-015-45531**

**RECEIVED**

|                                     |                                   |                     |
|-------------------------------------|-----------------------------------|---------------------|
| Operator Name:<br>COG Operating LLC | Property Name:<br>SRO 5 State Com | Well Number<br>504H |
|-------------------------------------|-----------------------------------|---------------------|

**Kick Off Point (KOP)**

|                              |              |                 |              |     |                                 |                   |             |                  |                |
|------------------------------|--------------|-----------------|--------------|-----|---------------------------------|-------------------|-------------|------------------|----------------|
| UL<br>A                      | Section<br>5 | Township<br>26S | Range<br>28E | Lot | Feet<br>314                     | From N/S<br>North | Feet<br>645 | From E/W<br>East | County<br>Eddy |
| Latitude<br><b>32.078067</b> |              |                 |              |     | Longitude<br><b>-104.102895</b> |                   |             | NAD<br><b>83</b> |                |

**First Take Point (FTP)**

|                              |              |                 |              |     |                                 |                   |             |                  |                |
|------------------------------|--------------|-----------------|--------------|-----|---------------------------------|-------------------|-------------|------------------|----------------|
| UL<br>A                      | Section<br>5 | Township<br>26S | Range<br>28E | Lot | Feet<br>100                     | From N/S<br>North | Feet<br>330 | From E/W<br>East | County<br>Eddy |
| Latitude<br><b>32.078655</b> |              |                 |              |     | Longitude<br><b>-104.101885</b> |                   |             | NAD<br><b>83</b> |                |

**Last Take Point (LTP)**

|                              |              |                 |              |     |                                 |                   |             |                  |                |
|------------------------------|--------------|-----------------|--------------|-----|---------------------------------|-------------------|-------------|------------------|----------------|
| UL<br>P                      | Section<br>8 | Township<br>26S | Range<br>28E | Lot | Feet<br>100                     | From N/S<br>South | Feet<br>330 | From E/W<br>East | County<br>Eddy |
| Latitude<br><b>32.050124</b> |              |                 |              |     | Longitude<br><b>-104.102135</b> |                   |             | NAD<br><b>83</b> |                |

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:<br>COG Operating LLC | Property Name:<br>SRO 5 State Com | Well Number<br>504H |
|-------|-------------------------------------|-----------------------------------|---------------------|

KZ 06/29/2018

## **SRO 5 State Com #504H**

### **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#        | 18,160'      | 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 18,160' 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.