

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

AUG 02 2018

Intent ☒ As Drilled ☐

**RECEIVED**

|                                              |  |                                           |                            |
|----------------------------------------------|--|-------------------------------------------|----------------------------|
| API #<br><b>30-015-45142</b>                 |  |                                           |                            |
| Operator Name:<br><b>EOG Resources, Inc.</b> |  | Property Name:<br><b>Boyd X State Com</b> | Well Number:<br><b>17H</b> |
| <b>7377</b>                                  |  | <b>317467</b>                             |                            |

**Kick Off Point (KOP)**

| UL                            | Section | Township | Range | Lot | Feet                             | From N/S | Feet | From E/W         | County |
|-------------------------------|---------|----------|-------|-----|----------------------------------|----------|------|------------------|--------|
| I                             | 17      | 19S      | 25E   |     | 1997                             | S        | 499  | E                | Eddy   |
| Latitude<br><b>32.6593419</b> |         |          |       |     | Longitude<br><b>-104.4999575</b> |          |      | NAD<br><b>83</b> |        |

**First Take Point (FTP)**

| UL                            | Section | Township | Range | Lot | Feet                             | From N/S | Feet | From E/W         | County |
|-------------------------------|---------|----------|-------|-----|----------------------------------|----------|------|------------------|--------|
| L                             | 16      | 19S      | 25E   |     | 1280                             | S        | 100  | W                | Eddy   |
| Latitude<br><b>32.6573773</b> |         |          |       |     | Longitude<br><b>-104.4980258</b> |          |      | NAD<br><b>83</b> |        |

**Last Take Point (LTP)**

| UL                            | Section | Township | Range | Lot | Feet                             | From N/S | Feet | From E/W         | County |
|-------------------------------|---------|----------|-------|-----|----------------------------------|----------|------|------------------|--------|
| P                             | 16      | 19S      | 25E   |     | 1280                             | S        | 100  | E                | Eddy   |
| Latitude<br><b>32.6573103</b> |         |          |       |     | Longitude<br><b>-104.4815167</b> |          |      | NAD<br><b>83</b> |        |

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: |  | Property Name: | Well Number |
|                |  |                |             |

KZ 06/29/2018

**State Permit Information:****Well Name:** Boyd X State Com #17H**Location:**

SL: 1997' FSL &amp; 499' FEL, Section 17, T-19-S, R-25-E, Eddy Co., N.M.

BHL: 1280' FSL &amp; 100' FEL, Section 16, T-19-S, R-25-E, Eddy Co., N.M.

**Casing Program:**

| Hole Size | Interval    | Csg OD | Weight | Grade | Conn | DF <sub>min</sub> Collapse | DF <sub>min</sub> Burst | DF <sub>min</sub> Tension |
|-----------|-------------|--------|--------|-------|------|----------------------------|-------------------------|---------------------------|
| 12.25"    | 0'-1250'    | 9.625" | 36#    | J-55  | LTC  | 1.125                      | 1.25                    | 1.60                      |
| 8.75"     | 0 -2526 '   | 7"     | 29#    | L-80  | BTC  | 1.125                      | 1.25                    | 1.60                      |
| 8.75"     | 2526'-8315' | 5 1/2" | 17#    | L-80  | BTC  | 1.125                      | 1.25                    | 1.60                      |
|           |             |        |        |       |      |                            |                         |                           |
|           |             |        |        |       |      |                            |                         |                           |

**Cement Program:**

| Depth | No. Sacks | Wt. lb/gal | Yld Ft <sup>3</sup> /ft | Slurry Description                                                                                                                                                                                            |
|-------|-----------|------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1250' | 265       | 12.9       | 1.97                    | Lead: Class 'C' + 4%PF20(Bentonite Gel) + 2%PF1(Calcium Chloride) + 0.125#/skPF29(Celloflake) + 0.4#/skPF45 (Defoamer) 100% Excess (TOC @ Surface)                                                            |
|       | 200       | 1.34       | 1.34                    | Tail: Class 'C' + 2%PF1(Calcium Chloride)                                                                                                                                                                     |
| 8315' | 210       | 11.9       | 2.47                    | Lead: Class 50/50 PozC + 5%PF44(BWOW)(Salt) + 10% PF20(Bentonite Gel) +.2%PF153(Anti Settling Agent( + 3#/sk OF42(Kolseal) + 0.125#/sk PF29 (celloflake) + 0.4#/sk PF45 (Defoamer) (TOC @ Surface) 35% Excess |
|       | 1335      | 13         | 1.48                    | Tail: Class PVL + 1.3% PF44(BWOW)(Salt) + 5% PF174 (Expanding Cement) + 0.5% PF606 (Fluid Loss) + 0.1% PF153 (Anti Settling Agent) + 0.4#/sk PF45 (Defoamer) 35% Excess                                       |
|       |           |            |                         |                                                                                                                                                                                                               |
|       |           |            |                         |                                                                                                                                                                                                               |
|       |           |            |                         |                                                                                                                                                                                                               |

**Mud Program:**

| Depth                  | Type        | Weight (ppg) | Viscosity | Water Loss |
|------------------------|-------------|--------------|-----------|------------|
| 0 - 1250'              | Fresh Water | 8.6-8.8      | 28-32     | N/c        |
| 1,250' - 8315'         | Cut Brine   | 8.8-9.2      | 28-32     | N/c        |
| Vertical/Curve/Lateral |             |              |           |            |
|                        |             |              |           |            |
|                        |             |              |           |            |