

RECEIVED

Intent ☐ As Drilled ☒

APR 12 2019

API #  
30-015-45091

DISTRICT II-ARTESIA O.C.D.

|                                            |                                            |                    |
|--------------------------------------------|--------------------------------------------|--------------------|
| Operator Name:<br>Marathon Oil Permian LLC | Property Name:<br>Rick Deckard 4 WXY State | Well Number<br>18H |
|--------------------------------------------|--------------------------------------------|--------------------|

## Kick Off Point (KOP)

|                         |              |                 |              |     |                            |               |              |               |                |
|-------------------------|--------------|-----------------|--------------|-----|----------------------------|---------------|--------------|---------------|----------------|
| UL<br>P                 | Section<br>4 | Township<br>25S | Range<br>28E | Lot | Feet<br>100                | From N/S<br>S | Feet<br>1010 | From E/W<br>E | County<br>Eddy |
| Latitude<br>32.15202822 |              |                 |              |     | Longitude<br>-104.08705274 |               |              | NAD<br>83     |                |

## First Take Point (FTP)

|                         |              |                 |              |     |                            |               |              |               |                |
|-------------------------|--------------|-----------------|--------------|-----|----------------------------|---------------|--------------|---------------|----------------|
| UL<br>P                 | Section<br>4 | Township<br>25S | Range<br>28E | Lot | Feet<br>330                | From N/S<br>S | Feet<br>1039 | From E/W<br>E | County<br>Eddy |
| Latitude<br>32.15266147 |              |                 |              |     | Longitude<br>-104.08714154 |               |              | NAD<br>83     |                |

## Last Take Point (LTP)

|                         |              |                 |              |     |                            |               |             |               |                |
|-------------------------|--------------|-----------------|--------------|-----|----------------------------|---------------|-------------|---------------|----------------|
| UL<br>A                 | Section<br>4 | Township<br>25S | Range<br>28E | Lot | Feet<br>330                | From N/S<br>N | Feet<br>984 | From E/W<br>E | County<br>EDDY |
| Latitude<br>32.16559489 |              |                 |              |     | Longitude<br>-104.08698720 |               |             | NAD<br>83     |                |

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

☐ No

Is this well an infill well?

☐ Yes

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

API #  
30-015-45090

|                                            |                                            |                    |
|--------------------------------------------|--------------------------------------------|--------------------|
| Operator Name:<br>Marathon Oil Permian LLC | Property Name:<br>Rick Deckard 4 WXY State | Well Number<br>12H |
|--------------------------------------------|--------------------------------------------|--------------------|

KZ 06/29/2018



# Wellbore Schematic

Well Name: RICK DECKARD STATE 25 28 4 WXY 18H

|                                       |                                |                         |                                   |                                  |                           |                              |
|---------------------------------------|--------------------------------|-------------------------|-----------------------------------|----------------------------------|---------------------------|------------------------------|
| State/Province<br>NEW MEXICO          | Prospect Area<br>MALAGA        | Field Name              | Well Subtype                      | Lat/Long Datum<br>NAD27          | Latitude (°)<br>32.153086 | Longitude (°)<br>-104.087430 |
| Well Configuration Type<br>HORIZONTAL | Well Objective<br>EXPLOITATION | Well Status<br>DRILLING | Ground Elevation (ft)<br>2,963.00 | KB-Ground Distance (ft)<br>25.00 |                           |                              |

HORIZONTAL - RICK DECKARD STATE 25 28 4 WXY 18H, 11/7/2018 11:26:16 AM

| MD<br>(ftKB) | TVD<br>(ftKB) | Incl.(°) | Vertical schematic (actual) |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------|---------------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24.9         | 24.9          | 0.8      |                             | <p>Des: Conductor Cement; Depth MD: 25.0-145.0 ftKB; Date: 7/31/2018</p> <p>Des: Surface Casing Cement; Depth MD: 25.0-460.0 ftKB; Date: 9/18/2018</p> <p>Des: Intermediate Casing Cement; Depth MD: 25.0-2,570.0 ftKB; Date: 10/11/2018</p> <p>Des: Intermediate Casing Cement; Depth MD: 25.0-9,698.0 ftKB; Date: 10/17/2018</p> <p>Des: Production Casing Cement; Depth MD: 25.0-14,310.0 ftKB; Date: 11/6/2018</p> |
| 25.9         | 25.9          | 0.8      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 26.3         | 26.3          | 0.8      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 145.0        | 145.0         | 0.8      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 400.2        | 400.2         | 1.0      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 401.5        | 401.5         | 1.0      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 443.2        | 443.2         | 0.9      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 444.5        | 444.5         | 0.9      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 459.9        | 459.9         | 0.9      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2,514.9      | 2,514.9       | 3.4      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2,516.2      | 2,516.2       | 3.4      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2,559.4      | 2,559.4       | 3.0      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2,559.4      | 2,559.4       | 3.0      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2,568.3      | 2,568.3       | 2.9      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,811.2      | 8,811.2       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,818.4      | 8,818.4       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,821.7      | 8,821.7       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,838.1      | 8,838.1       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,840.4      | 8,840.4       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,841.4      | 8,841.4       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,846.6      | 8,846.6       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8,848.6      | 8,848.6       | 1.2      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9,425.5      | 9,425.5       | 75.0     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9,425.8      | 9,425.8       | 75.0     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9,435.5      | 9,435.5       | 76.7     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9,435.9      | 9,435.9       | 76.8     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9,437.7      | 9,437.7       | 77.1     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,202.2     | 9,490.9       | 89.9     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,212.9     | 9,490.9       | 90.1     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,215.5     | 9,490.9       | 90.2     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,219.8     | 9,490.9       | 90.3     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,281.2     | 9,490.7       | 91.2     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,282.2     | 9,490.7       | 91.2     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,284.1     | 9,490.7       | 91.2     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,308.2     | 9,489.8       | 91.2     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,308.1     | 9,489.7       | 91.2     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14,310.0     | 9,489.7       | 91.2     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |

No. 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 25.0-145.0 ftKB; Length: 120.00 ft

No. 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 25.0-444.7 ftKB; Length: 419.72 ft

No. 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.921 in; Depth MD: 25.0-2,561.1 ftKB; Length: 2,536.11 ft

No. 4; Des: Intermediate 2; OD: 7.000 in; ID: 6.184 in; Depth MD: 25.0-9,690.3 ftKB; Length: 9,665.34 ft

No. 5; Des: Production 1; OD: 4.500 in; ID: 3.920 in; Depth MD: 8,865.6-14,308.0 ftKB; Length: 5,442.43 ft

Directions to Well: FROM THE MARATHON OFFICE AT 4111 TIDWELL, CARLSBAD, NM, HEAD SOUTH ON TIDWELL RD TOWARD US HWY 285 N FOR 0.2 MILES. TURN LEFT ONTO US HWY 285 S, HEADING SOUTH, FOR 17.6 MILES TO A CALICHE ROAD. TURN RIGHT ONTO CALICHE ROAD, HEADING WEST, FOR 0.6 MILES TO CALICHE ROAD. TURN LEFT ONTO CALICHE ROAD, HEADING WEST, FOR 0.4 MILES TO THE PROPOSED LEASE ROAD FOR THE RICK DECKARD STATE 25 28 4 WXY #12H, WA #15, TB #14, WXY #18 WELL PAD LOCATION. TURN LEFT ONTO SAID PROPOSED LEASE ROAD, HEADING SOUTH, FOR 0.3 MILES. ENTERING THE NORTHEAST CORNER OF SAID WELL PAD LOCATION.