API NUMBER: 017 25642 A

OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Rule 165:10-3-1)

Approval Date: 11/05/2020
Expiration Date: 05/05/2022

Multi Unit Oil & Gas

Amend reason: ADDING A SECTION AND UPDATING ORDERS

## **AMEND PERMIT TO DRILL**

|  |               |                |              |                     |                                    | <u> </u>     |  | <u> </u>   | <u></u>         |         |           |              |               |            |               |
|--|---------------|----------------|--------------|---------------------|------------------------------------|--------------|--|--|-----------------|---------|-----------|--------------|---------------|------------|---------------|
| WELL LOCATION:   | Section       | : 33           | Township:    | 11N Rang            | e: 7W                              | County:      | CAN  | ADIAN  |                 |         |           |              |               |            |               |
| SPOT LOCATION:   | SW            | SE SE          | NW           | FEET FROM QUART     | R: FROM                            | NORTH        | FR   | OM WEST  |                 |         |           |              |               |            |               |
|  |               |                |              | SECTION LIN         | ES:                                | 2418         |  | 2280   |                 |         |           |              |               |            |               |
| Lease Name:  | WHIRLAW       | /AY            |              |                     | Well No                            | : 4H-33-4-   | 9  |  | Well v          | vill be | 2280      | feet from    | nearest un    | it or leas | e boundary.   |
| Operator Name:   | CITIZEN E     | NERGY III L    | LC           |                     | Telephone                          | : 9189494    | 680  |  |                 |         |           | ОТО          | C/OCC Nur     | nber:      | 24120 0       |
| CITIZEN ENE  | RGY III L     | LC.            |              |                     |                                    |              |  | DRIES FAM  | ILY TRUST       |         |           |              |               |            |               |
| 320 S BOSTO  | ON AVE S      | TE 900         |              |                     |                                    |              | Ш  | 321 S MAPL                                       | E AVE           |         |           |              |               |            |               |
| TULSA,   |               |                | OK           | 74103-3729          |                                    |              | Ш  | UNION CITY                                       | /               |         |           | ОК           | 73090         |            |               |
|  |               |                | 0.1          |                     |                                    |              | Ш  | ONION OIL  | ı               |         |           | OIX          | 73090         |            |               |
|  |               |                |              |                     |                                    |              | ] '  |  |                 |         |           |              |               |            |               |
|  |               |                |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
| Formation(s)   | (Permit       | Valid for L    | _isted For   | mations Only):      |                                    |              |  |  |                 |         |           |              |               |            |               |
| Name   |               |                | Code         | •                   | Depth                              |              |  |  |                 |         |           |              |               |            |               |
| 1 WOODFORE   | D             |                | 319W         | /DFD                | 11100                              |              |  |  |                 |         |           |              |               |            |               |
| -  | 668456        |                |              | Lo                  | cation Exce                        | ption Order  | s:   | No Exceptions                                    |                 |         | Inc       | reased De    | nsity Orders: | 7148       | 76            |
|  | 671759        |                |              |                     |                                    |              |  |  |                 |         |           |              |               | 7148       | 72            |
|  | 534428        |                |              | _                   |                                    |              |  |  |                 |         |           |              |               |            |               |
| Pending CD Number  | ers: 2021     | 00091          |              |                     | Working in                         | nterest owne | ers' n   | otified: ***                                     |                 |         |           | Spe          | ecial Orders: | No Sp      | ecial Orders  |
|  | 2021          | 00092          |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
|  | 2021          | 00094          |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
| Total Depth: 1   | 9155          | Ground         | Elevation:   | 1324                | Surface                            | Casing:      | 10   | 00   |                 | Depth t | to base o | of Treatable | Water-Bear    | ing FM:    | 320           |
| ·  |               |                |              |                     |                                    | 3            |  |  |                 |         |           | aan surf     | ace casin     | n has l    | peen approved |
|  |               |                |              |                     |                                    |              | ١  |  |                 |         |           | eep suii     | ace casiii    | y nas i    | реен арріочец |
|  |               | sdiction: No   |              |                     |                                    |              |  | Approved Method for disposal of Drilling Fluids: |                 |         |           |              |               |            |               |
| Fresh Water<br>Surface   |               | I to Drill: Ye |              |                     |                                    |              | D. One time land application (REQUIRES PERMIT) PERMIT NO: 19-36820 |  |                 |         |           |              |               | : 19-36820 |               |
|  |               |                | -            |                     |                                    |              |  | H. (Other)                                       |                 |         | SEE ME    | MO           |               |            |               |
| PIT 1 INFOR  | MATION        |                |              |                     |                                    |              |  | Cat  | egory of Pit: ( |         |           |              |               |            |               |
| _  |               | CLOSED (       | Closed Syste | em Means Steel Pits |                                    |              |  | Liner not requir                                 |                 |         |           |              |               |            |               |
| Type of Mud System: WATER BASED  |               |                |              |                     | Pit Location is: NON HSA           |              |  |  |                 |         |           |              |               |            |               |
| Chlorides Max: 5000 Average: 3000                                      |               |                |              |                     | Pit Location Formation: DOG CREEK  |              |  |  |                 |         |           |              |               |            |               |
| Is depth to top of ground water greater than 10ft below base of pit? Y |               |                |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
| Within 1 r   | mile of munic | ipal water we  | ell? N       |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
| Wellhead Protection Area? N  |               |                |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
| Pit <u>is not</u> lo   | ocated in a H | ydrologically  | Sensitive A  | ea.                 |                                    |              |  |  |                 |         |           |              |               |            |               |
| PIT 2 INFOR  | MATION        |                |              |                     |                                    |              |  | Cat  | egory of Pit: ( | 0       |           |              |               |            |               |
| Type of Pit System: CLOSED Closed System Means Steel Pits              |               |                |              |                     | Liner not required for Category: C |              |  |  |                 |         |           |              |               |            |               |
| Type of Mud System: OIL BASED  |               |                |              |                     | Pit Location is: NON HSA           |              |  |  |                 |         |           |              |               |            |               |
| į  |               |                |              |                     | Pit Location                       | Formation:   | DOG CF   | REEK   |                 |         |           |              |               |            |               |
| Is depth to top of ground water greater than 10ft below base of pit? Y |               |                |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
| Within 1 mile of municipal water well? N                               |               |                |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
|  |               | rotection Are  |              |                     |                                    |              |  |  |                 |         |           |              |               |            |               |
| Pit <u>is not</u> lo   | ocated in a H | ydrologically  | Sensitive A  | rea.                |                                    |              |  |  |                 |         |           |              |               |            |               |

**MULTI UNIT HOLE 1** 

Section: 9 Township: 10N Range: 7W Meridian: IM Total Length: 9100

County: CANADIAN Measured Total Depth: 20075

Spot Location of End Point: S2 S2 N2 N2 True Vertical Depth: 11255

Feet From: NORTH

1/4 Section Line: 1000

End Point Location from
Lease, Unit, or Property Line: 958

## NOTES:

| NOTES:                     |  |
|----------------------------|--|
| Category                   | Description  |
| DEEP SURFACE CASING        | [10/29/2020 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING  |
| HYDRAULIC FRACTURING       | [10/29/2020 - GC2] - OCC 165:10-3-10 REQUIRES:   |
|                            | 1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN; |
|                            | 2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,   |
|                            | 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG   |
| INCREASED DENSITY - 714872 | 11/3/2020 - G56 - 4-10N-7W<br>X668456 WDFD<br>2 WELLS<br>CITIZEN ENERGY III, LLC<br>10/14/2020   |
| INCREASED DENSITY - 714876 | 11/3/2020 - G56 - 33-11N-7W<br>X671759 WDFD<br>4 WELLS<br>CITIZEN ENERGY III, LLC<br>10/14/2020  |
| MEMO                       | [10/29/2020 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT  |
| PENDING CD - 202100091     | [2/8/2021 - GC2] - (E.O.) 33-11N-7W, 4 & 9-10N-7W EST MULTIUNIT HORIZONTAL WELL X671759 WDFD 33-11N-7W X668456 WDFD 4-10N-7W X534428 WDFD 9-10N-7W 50% 4-10N-7W 25% 9-10N-7W 25% 33-11N-7W CITIZEN ENERGY III, LLC REC. 2-2-2021 (MOORE)   |
| PENDING CD - 202100092     | [2/8/2021 - GC2] - (E.O.) 33-11N-7W, 4 & 9-10N-7W<br>X671759 WDFD 33-11N-7W<br>X668456 WDFD 4-10N-7W<br>X534428 WDFD 9-10N-7W<br>COMPL. INT. (33-11N-7W) NCT 1320' FNL, NCT 0' FSL, NCT 1320' FEL<br>COMPL. INT. (4-10N-7W) NCT 0' FNL, NCT 0' FSL, NCT 1320' FEL<br>COMPL. INT. (9-10N-7W) NCT 0' FNL, NCT 1320' FSL, NCT 330' FEL<br>NO OP. NAMED<br>REC. 2-2-2021 (MOORE)   |
| PENDING CD - 202100094     | [2/8/2021 - GC2] - (E.O.) 9-10N-7W<br>X534428 WDFD<br>2 WELLS<br>CITIZEN ENERGY III, LLC<br>REC. 2-2-2021 (MOORE)  |
| SPACING - 534428           | [2/8/2021 - GC2] - (640) 9-10N-7W<br>EST WDFD  |

| SPACING - 668456 | 11/3/2020 - G56 - (640)(HOR) 4-10N-7W<br>EST WDFD<br>POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL         |
|------------------|--|
| SPACING - 671759 | 11/3/2020 - G56 - (640)(HOR) 33-11N-7W<br>EST WDFD, OTHER<br>POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL |