

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: OXY USA INC  
OPERATOR ADDRESS: P O BOX 4294 HOUSTON, TX 77210  
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingling)

LEASE TYPE: ☒ Fee ☒ State ☒ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. PLC-553  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**

Please attach sheets with the following information

| (1) Pool Names and Codes | Gravities / BTU of<br>Non-Commingled<br>Production | Calculated Gravities /<br>BTU of Commingled<br>Production |  | Calculated Value of<br>Commingled<br>Production | Volumes |
|--------------------------|----------------------------------------------------|-----------------------------------------------------------|--|-------------------------------------------------|---------|
| SEE ATTACHED             |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |
|                          |                                                    |                                                           |  |                                                 |         |

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☐ Metering ☒ Other (Specify) WELL TEST  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☐ Yes ☐ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No  
(4) Measurement type: ☐ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**

Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief:

SIGNATURE: Sandra Musallam TITLE: REGULATORY ENGINEER DATE: 4/4/2019

TYPE OR PRINT NAME SANDRA MUSALLAM TELEPHONE NO.: 713-366-5106

E-MAIL ADDRESS: SANDRA\_MUSALLAM@OXY.COM

# APPLICATION FOR POOL AND LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES AND STORAGE

## Commingling proposal for the Whomping Willow Battery

OXY USA INC requests to amend PLC-553 to add Refried Beans CC 15-16 State Com 12H, 13H, 14H and Whomping Willow CC 15-16 State Com 44H. Oil and gas sales points will be moved from Harroun 15-15 Battery to Whomping Willow Battery (F-15-T24S-R29E, LAT 32.135.56 N, LONG -103.5833.94W). This amended commingling permit will supersede PLC-525 for the aforementioned Refried Beans and Whomping Willow wells.

Process flow at Cedar Canyon 16-1 Battery does not change.

Wells to be added to PLC-553 are listed below:

### Wells to be sent to Whomping Willow Battery once online

| Well                                             | API          | Surface Location | Date Online   | EST. BOPD | EST. OIL GRAVITY | EST. MSCFD | EST. BTU/CF | EST. BWPD |
|--------------------------------------------------|--------------|------------------|---------------|-----------|------------------|------------|-------------|-----------|
| POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) |              |                  |               |           |                  |            |             |           |
| *Refried Beans CC 15_16 State Com 12H            | 30-015-45215 | H-15-24S-29E     | est. May 2019 | 632       | 44               | 2728       | 1300        | 1031      |
| *Refried Beans CC 15_16 State Com 13H            | 30-015-45216 | H-15-24S-29E     | est. May 2019 | 632       | 44               | 2728       | 1300        | 1031      |
| *Refried Beans CC 15_16 State Com 14H            | 30-015-45217 | L-15-24S-29E     | est. May 2019 | 632       | 44               | 2728       | 1300        | 1031      |
| POOL: PURPLE SAGE; WOLFCAMP (GAS) (98220)        |              |                  |               |           |                  |            |             |           |
| *Whomping Willow CC 15_16 State Com 44H          | 30-015-45218 | L-15-24S-29E     | est. May 2019 | 488       | 44.4             | 5421       | 1325        | 1626      |

\*Production estimates are average of first 6-month volumes for wells not online yet

### Existing Wells at Harroun 15-15 Battery, to be sent to Whomping Willow Battery

| Well                                                                         | API          | Surface Location | Date Online | BOPD | OIL GRAVITY | MSCFD | BTU/CF | BWPD |
|------------------------------------------------------------------------------|--------------|------------------|-------------|------|-------------|-------|--------|------|
| POOL: CEDAR CANYON; DELAWARE (11540)                                         |              |                  |             |      |             |       |        |      |
| Harroun 10 #1                                                                | 30-015-30375 | N-10-24S-29E     | Jul-2004    | 6    | 42.9        | 46    | 1289   | 87   |
| Harroun 10 #2                                                                | 30-015-31709 | M-10-24S-29E     | Jul-2004    | 3    | 42.9        | 2     | 1289   | 25   |
| Harroun 10 #3                                                                | 30-015-32617 | L-10-24S-29E     | Aug-2004    | 10   | 42.9        | 21    | 1289   | 70   |
| Harroun 15 #7                                                                | 30-015-29987 | C-15-24S-29E     | Jul-2004    | 3    | 42.9        | 3     | 1289   | 38   |
| Harroun 15 #8                                                                | 30-015-30253 | F-15-24S-29E     | Jul-2004    | 5    | 42.9        | 76    | 1289   | 103  |
| Harroun 15 #14                                                               | 30-015-32620 | D-15-24S-29E     | Jun-2005    | 5    | 42.9        | 3     | 1289   | 48   |
| POOL: CORRAL DRAW; BONE SPRING (96238)                                       |              |                  |             |      |             |       |        |      |
| Cedar Canyon 17 Fee #1H                                                      | 30-015-42058 | A-17-24S-29E     | Aug-2014    | 40   | 42.9        | 204   | 1292   | 126  |
| POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)                             |              |                  |             |      |             |       |        |      |
| Harroun 15 #15                                                               | 30-015-33317 | E-15-24S-29E     | Oct-2004    | 1    | 42.9        | 3     | 1288   | 3    |
| Harroun 15 #16A                                                              | 30-015-33823 | L-15-24S-29E     | May-2005    | 4    | 42.9        | 20    | 1307   | 29   |
| Harroun 15 #17                                                               | 30-015-33822 | M-15-24S-29E     | Jan-2008    | 19   | 42.9        | 70    | 1307   | 35   |
| Cedar Canyon 15 #2H                                                          | 30-015-41032 | M-15-24S-29E     | Aug-2013    | 19   | 43          | 59    | 1307   | 87   |
| Cedar Canyon 15 #3H                                                          | 30-015-41594 | L-15-24S-29E     | Sep-2014    | 63   | 42.9        | 395   | 1328   | 278  |
| Cedar Canyon 22 #2H                                                          | 30-015-41327 | D-22-24S-29E     | Aug-2013    | 49   | 42.9        | 145   | 1315   | 140  |
| POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - CA NMNM134544 (NMNM88137) |              |                  |             |      |             |       |        |      |
| Cedar Canyon 15 Fed Com 5H                                                   | 30-015-42421 | D-15-24S-29E     | Jan-2015    | 37   | 42.5        | 79    | 1294   | 317  |
| POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)                             |              |                  |             |      |             |       |        |      |
| Cedar Canyon 15 #4H                                                          | 30-015-41291 | E-15-24S-29E     | Aug-2013    | 170  | 43          | 71    | 1307   | 749  |
| Harroun 9 #1                                                                 | 30-015-34997 | P-09-24S-29E     | Jan-2008    | 9    | 43          | 2     | 1308   | 5    |
| Harroun 9 #3H                                                                | 30-015-41488 | P-09-24S-29E     | Feb-2014    | 30   | 43          | 70    | 1307   | 180  |

### PROCESS DESCRIPTION

Production from all wells except Cedar Canyon 15 Fed Com 5H will flow to the header at Whomping Willow Battery. Initially, Refried Beans CC 15-16 State Com 12H, 13H, 14H and Whomping Willow CC 15-16 State Com 44H will each have a dedicated 6' X 20' test separator. The existing wells at Harroun 15-15 CTB will be moved to Whomping Willow Battery and share an 8' X 20' production separator and two 4' X 20' test separators. Each test separator will be equipped with an oil turbine meter, gas orifice meter and water turbine meter. After separation, oil production will be sent through an 8' X 20' heater treater. It will then flow through a 48" vapor recovery tower before flowing to five oil storage tanks. From the tanks, the oil is pumped through a LACT meter and sent to sales.

Gas production will be combined after the three-phase separators. It will then flow through two 5' X 10' gas scrubbers then sent to two Oxy check meters, which will serve as the point of royalty payment.

Oil and gas production will be allocated back to each well based on well test. Wells will be tested according to Hearing Order R-14299. Refried Beans CC 15\_16 State Com 12H, 13H, 14H and Whomping Willow CC 15\_16 State Com 44H will be tested daily prior to Range 1 of decline, and will be tested at least three times per month during Range 1 of decline. When Range 2 decline is started, the wells will be tested at least twice per month. Wells will be tested at least once per month when Range 3 of decline is started. All existing wells have been on production for over three years and are in Range 3 of decline. They will be tested at least once per month.

As the Whomping Willow and Refried Beans reach the later ranges of decline, they will be taken off dedicated separation and flow to the 8' X 20' production separator. A sundry will be filed when this occurs.

Production from Cedar Canyon 15 Fed Com 5H is separated and measured separated through a 6' X 20' three-phase separator located on its well site. The separator has an oil turbine meter, gas orifice meter and water turbine meter. Oil production will flow to a storage tank before being pumped through a Coriolis meter (S/N 14351664, FMP) then sent to the Whomping Willow Battery oil storage tanks. Gas is sent to sales after being measured through the separator orifice meter (FMP).

-All water from the Whomping Willow Battery and Cedar Canyon 15 Fed Com 5H will be sent to the Cedar Canyon Water Disposal Distribution system.

#### **Cedar Canyon 16-1 Battery:**

**Process flow remains unchanged from PLC-553**

| Well                                                                                   | API          | Surface Location | Date Online |
|----------------------------------------------------------------------------------------|--------------|------------------|-------------|
| <b>POOL: CEDAR CANYON; DELAWARE (11540) - STATE LEASE NO. VA-0836-0001</b>             |              |                  |             |
| Cedar Canyon 16 State #11H                                                             | 30-015-42062 | C-16-T24S-R29E   | Apr-2015    |
| <b>POOL: PIERCE CROSSING; BONE SPRING, EAST (96473) - STATE LEASE NO. VA-0836-0001</b> |              |                  |             |
| Cedar Canyon 16 State #1H                                                              | 30-015-39856 | D-16-T24S-R29E   | Sep-2012    |
| Cedar Canyon 16 State #2H                                                              | 30-015-41024 | P-16-T24S-R29E   | Jun-2013    |
| Cedar Canyon 16 State #6H                                                              | 30-015-41595 | L-15-T24S-R29E   | Sep-2014    |
| Cedar Canyon 16 State #7H                                                              | 30-015-41251 | E-15-T24S-R29E   | Aug-2013    |
| Cedar Canyon 16 State #8H                                                              | 30-015-41596 | A-16-T24S-R29E   | Oct-2014    |
| Cedar Canyon 16 State #9H                                                              | 30-015-42061 | D-16-T24S-R29E   | Sep-2015    |
| Cedar Canyon 16 State #10H                                                             | 30-015-42055 | C-16-T24S-R29E   | Dec-2014    |
| Cedar Canyon 16 State #12H                                                             | 30-015-42683 | M-15-T24S-R29E   | Mar-2015    |
| <b>POOL: PURPLE SAGE; WOLFCAMP (98220) - STATE LEASE NO. VA-0836-0001</b>              |              |                  |             |
| Cedar Canyon 16 State #33H                                                             | 30-015-43844 | A-16-T24S-R29E   | Dec-2016    |
| Cedar Canyon 16 State #34H                                                             | 30-015-43843 | A-16-T24S-R29E   | Dec-2016    |

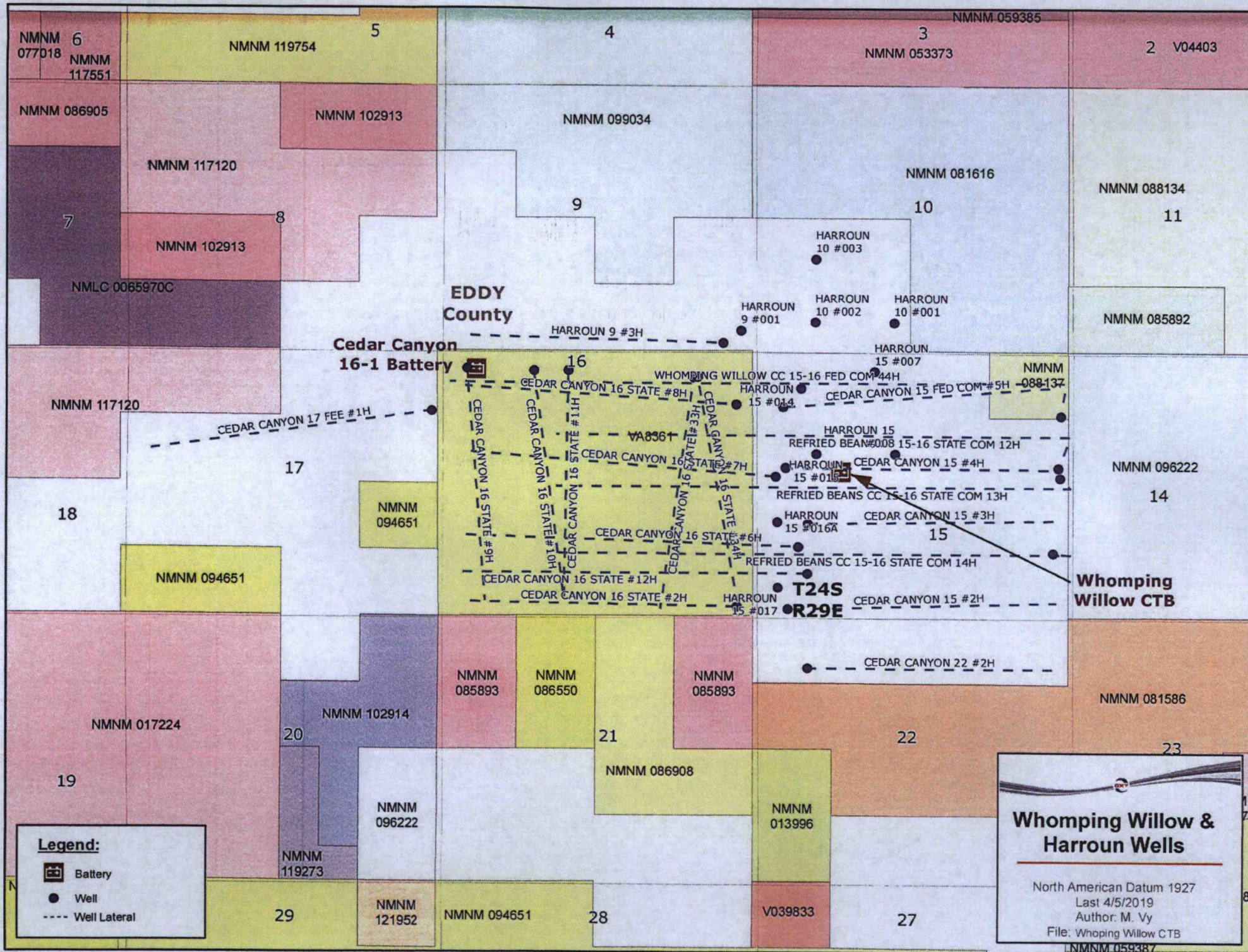
#### **Additional Application Components:**

The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

The oil and gas meters will be calibrated on a regular basis per API and NMOCD specifications.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the Order for future additions.

Commingling this production is the most effective means of producing the reserves. OXY USA INC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.





**Wells at Harroun 15-15 BATTERY**  
**To Be Routed to Whomping Willow CTB**  
 Previous 6 Month Production Data

| <b>Cedar Canyon 15 #4H (30-015-41291)</b> |            |           |              |
|-------------------------------------------|------------|-----------|--------------|
| Month                                     | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                                  | 954        | 840       | 1286         |
| Sep-2018                                  | 1          | 85        | 37           |
| Oct-2018                                  | 0          | 0         | 0            |
| Nov-2018                                  | 45         | 195       | 45           |
| Dec-2018                                  | 5926       | 1343      | 23739        |
| Jan-2019                                  | 2620       | 1489      | 16832        |

| <b>Harroun 9 #1 (30-015-34997)</b> |            |           |              |
|------------------------------------|------------|-----------|--------------|
| Month                              | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                           | 364        | 245       | 201          |
| Sep-2018                           | 10         | 0         | 250          |
| Oct-2018                           | 722        | 0         | 116          |
| Nov-2018                           | 147        | 0         | 77           |
| Dec-2018                           | 31         | 3         | 30           |
| Jan-2019                           | 13         | 4         | 6            |

| <b>Harroun 9 #3H (30-015-41488)</b> |            |           |              |
|-------------------------------------|------------|-----------|--------------|
| Month                               | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                            | 0          | 0         | 0            |
| Sep-2018                            | 0          | 0         | 0            |
| Oct-2018                            | 0          | 0         | 0            |
| Nov-2018                            | 0          | 0         | 0            |
| Dec-2018                            | 55         | 0         | 262          |
| Jan-2019                            | 712        | 1808      | 4409         |

| <b>Cedar Canyon 17 #1H (30-015-42058)</b> |            |           |              |
|-------------------------------------------|------------|-----------|--------------|
| Month                                     | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                                  | 843        | 4         | 3072         |
| Sep-2018                                  | 1285       | 7090      | 3114         |
| Oct-2018                                  | 1344       | 19        | 2377         |
| Nov-2018                                  | 1118       | 7034      | 3939         |
| Dec-2018                                  | 1266       | 12085     | 3230         |
| Jan-2019                                  | 944        | 8826      | 5878         |

| <b>Cedar Canyon 15 #3H (30-015-41594)</b> |            |           |              |
|-------------------------------------------|------------|-----------|--------------|
| Month                                     | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                                  | 1804       | 14420     | 9936         |
| Sep-2018                                  | 2201       | 10554     | 9091         |
| Oct-2018                                  | 2211       | 29547     | 5234         |
| Nov-2018                                  | 1770       | 8117      | 8990         |
| Dec-2018                                  | 1945       | 6572      | 5606         |
| Jan-2019                                  | 1306       | 1118      | 10705        |

| <b>Cedar Canyon 15 #2H (30-015-41032)</b> |            |           |              |
|-------------------------------------------|------------|-----------|--------------|
| Month                                     | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                                  | 657        | 1998      | 4206         |
| Sep-2018                                  | 747        | 1778      | 2923         |
| Oct-2018                                  | 513        | 1584      | 1200         |
| Nov-2018                                  | 414        | 1605      | 2111         |
| Dec-2018                                  | 504        | 1871      | 1755         |
| Jan-2019                                  | 407        | 1450      | 2980         |

| <b>Cedar Canyon 22 #2H (30-015-41327)</b> |            |           |              |
|-------------------------------------------|------------|-----------|--------------|
| Month                                     | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                                  | 1308       | 5678      | 6039         |
| Sep-2018                                  | 1316       | 3129      | 2674         |
| Oct-2018                                  | 1634       | 4588      | 1696         |
| Nov-2018                                  | 1299       | 5622      | 2991         |
| Dec-2018                                  | 1509       | 4697      | 4691         |
| Jan-2019                                  | 1104       | 2078      | 6796         |

| <b>Harroun 10 #1 (30-015-30375)</b> |            |           |              |
|-------------------------------------|------------|-----------|--------------|
| Month                               | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                            | 266        | 2103      | 5819         |
| Sep-2018                            | 223        | 957       | 3718         |
| Oct-2018                            | 203        | 2477      | 1057         |
| Nov-2018                            | 110        | 579       | 1474         |
| Dec-2018                            | 150        | 1125      | 1134         |
| Jan-2019                            | 69         | 525       | 1416         |

**Wells at Harroun 15-15 BATTERY**  
**To Be Routed to Whomping Willow CTB**  
**Previous 6 Month Production Data**

| Harroun 10 #2 (30-015-31709) |            |           |              |
|------------------------------|------------|-----------|--------------|
| Month                        | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                     | 63         | 101       | 1230         |
| Sep-2018                     | 94         | 40        | 1472         |
| Oct-2018                     | 83         | 99        | 170          |
| Nov-2018                     | 51         | 30        | 424          |
| Dec-2018                     | 86         | 61        | 385          |
| Jan-2019                     | 55         | 27        | 595          |

| Harroun 10 #3 (30-015-32617) |            |           |              |
|------------------------------|------------|-----------|--------------|
| Month                        | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                     | 345        | 702       | 4017         |
| Sep-2018                     | 472        | 359       | 2984         |
| Oct-2018                     | 371        | 1261      | 897          |
| Nov-2018                     | 264        | 336       | 1648         |
| Dec-2018                     | 255        | 656       | 1124         |
| Jan-2019                     | 147        | 460       | 1649         |

| Harroun 15 #7 (30-015-29987) |            |           |              |
|------------------------------|------------|-----------|--------------|
| Month                        | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                     | 102        | 164       | 2366         |
| Sep-2018                     | 73         | 36        | 1626         |
| Oct-2018                     | 102        | 137       | 474          |
| Nov-2018                     | 92         | 38        | 725          |
| Dec-2018                     | 107        | 50        | 563          |
| Jan-2019                     | 70         | 59        | 979          |

| Harroun 15 #8 (30-015-30253) |            |           |              |
|------------------------------|------------|-----------|--------------|
| Month                        | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                     | 149        | 3395      | 5460         |
| Sep-2018                     | 122        | 1153      | 3243         |
| Oct-2018                     | 174        | 3602      | 1287         |
| Nov-2018                     | 148        | 1114      | 2205         |
| Dec-2018                     | 92         | 1164      | 1057         |
| Jan-2019                     | 93         | 979       | 2133         |

| Cedar Canyon 15 Fed Com 5H (30-015-42421) |            |           |              |
|-------------------------------------------|------------|-----------|--------------|
| Month                                     | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                                  | 1273       | 2185      | 10061        |
| Sep-2018                                  | 1093       | 2532      | 11400        |
| Oct-2018                                  | 1226       | 3758      | 7605         |
| Nov-2018                                  | 812        | 0         | 7615         |
| Dec-2018                                  | 1034       | 3130      | 7779         |
| Jan-2019                                  | 661        | 1517      | 8504         |

| Harroun 15 #14 (30-015-32620) |            |           |              |
|-------------------------------|------------|-----------|--------------|
| Month                         | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                      | 188        | 74        | 2999         |
| Sep-2018                      | 187        | 44        | 2122         |
| Oct-2018                      | 136        | 203       | 605          |
| Nov-2018                      | 115        | 53        | 922          |
| Dec-2018                      | 102        | 63        | 704          |
| Jan-2019                      | 77         | 44        | 1198         |

| Harroun 15 #15 (30-015-33317) |            |           |              |
|-------------------------------|------------|-----------|--------------|
| Month                         | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                      | 28         | 255       | 85           |
| Sep-2018                      | 31         | 74        | 73           |
| Oct-2018                      | 37         | 64        | 49           |
| Nov-2018                      | 51         | 23        | 90           |
| Dec-2018                      | 44         | 63        | 90           |
| Jan-2019                      | 21         | 44        | 157          |

| Harroun 15 #16A (30-015-33823) |            |           |              |
|--------------------------------|------------|-----------|--------------|
| Month                          | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                       | 53         | 1493      | 1725         |
| Sep-2018                       | 109        | 532       | 1351         |
| Oct-2018                       | 163        | 867       | 362          |
| Nov-2018                       | 144        | 184       | 553          |
| Dec-2018                       | 167        | 345       | 447          |
| Jan-2019                       | 110        | 221       | 694          |

**Wells at Harroun 15-15 BATTERY**  
**To Be Routed to Whomping Willow CTB**  
**Previous 6 Month Production Data**

| Harroun 15 #17 (30-015-33822) |            |           |              |
|-------------------------------|------------|-----------|--------------|
| Month                         | Oil (bbls) | Gas (mcf) | Water (bbls) |
| Aug-2018                      | 538        | 4393      | 1201         |
| Sep-2018                      | 654        | 1412      | 1399         |
| Oct-2018                      | 622        | 3445      | 1148         |
| Nov-2018                      | 527        | 834       | 944          |
| Dec-2018                      | 628        | 1383      | 910          |
| Jan-2019                      | 463        | 920       | 675          |



**OXY USA WTP Limited Partnership / OXY  
USA INC / OCCIDENTAL PERMIAN LTD**  
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046  
P.O. Box 4294, Houston, Texas 77210-4294  
Direct: 713.366.5106  
Sandra\_Musallam@oxy.com

April 5, 2019

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Re: Application for Amendment to Pool and Lease Commingle Permit and Off-lease Measurement, Sales, & Storage for Wells at the Harroun 15-15 Battery and Whomping Willow Battery in Eddy County, New Mexico.

Dear Interest Owner:

This is to advise you that OXY USA INC is filing an amendment to Order PLC-553 for surface commingling at the Harroun 15-15 Battery and Whomping Willow Battery. A copy of the application submitted to the Division is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact Sandra Musallam at (713) 366-5106.

Respectfully,

**OXY USA INC**  
Sandra Musallam  
Regulatory Engineer – Compliance Lead  
Sandra\_Musallam@oxy.com

| NAME                                                    | ADDRESS                        | CITY          | STATE | ZIP        | CERT. MAIL TRK. #        |
|---------------------------------------------------------|--------------------------------|---------------|-------|------------|--------------------------|
| ALAN R HANNIFIN                                         | PO BOX 8874                    | DENVER        | CO    | 80201-8874 | 7018 0360 0000 0626 4359 |
| ANNETTE O WAMBAUGH                                      | 6203 ALDEN BRIDGE RD. APT 2209 | THE WOODLANDS | TX    | 77382      | 7018 0360 0000 0626 4342 |
| B JACK REED                                             | 506 CHARISMATIC                | MIDLAND       | TX    | 79705      | 7018 0360 0000 0626 4335 |
| BERYL OIL AND GAS LP                                    | PO BOX 51440                   | MIDLAND       | TX    | 79710      | 7018 0360 0000 0626 4328 |
| COLLINS & WARE INC                                      | 950 THIRD AVE, 23RD FLOOR      | NEW YORK      | NY    | 10022      | 7018 0360 0000 0626 4311 |
| CURTIS A ANDERSON AND EDNA I<br>ANDERSON, JOINT TENANTS | 9314 CHERRY BROOK LANE         | FRISCO        | TX    | 75033-0651 | 7018 0360 0000 0626 4304 |
| FFF INC                                                 | PO BOX 8874                    | DENVER        | CO    | 80201      | 7018 0360 0000 0626 4298 |
| HERMAN CLIFFORD WALKER III                              | PO BOX 10135                   | MIDLAND       | TX    | 79702      | 7018 0360 0000 0626 4281 |
| LEOPARD PETROLEUM LP                                    | 4200 FAIRWOOD PL               | MIDLAND       | TX    | 79707      | 7018 0360 0000 0626 4274 |
| LOWE ROYALTY PARTNERS LP                                | PO BOX 4887                    | HOUSTON       | TX    | 77210-4887 | 7018 0360 0000 0626 4267 |
| MAP 98A-OK                                              | PO BOX 268988                  | OKLAHOMA CITY | OK    | 73126-8988 | 7018 0360 0000 0626 4250 |
| MAP98B-NET                                              | PO BOX 268984                  | OKLAHOMA CITY | OK    | 73126-8984 | 7018 0360 0000 0626 4243 |
| MICHELLE R SANDOVAL                                     | 1395 RAVEAN CT                 | ENCINITAS     | CA    | 92024      | 7018 0360 0000 0626 4236 |
| MW OIL INVESTMENT COMPANY INC                           | 730 17TH STREET SUITE 325      | DENVER        | CO    | 80202      | 7018 0360 0000 0626 4229 |
| PENROC OIL CORPORATION                                  | PO BOX 2769                    | HOBBS         | NM    | 88241-2769 | 7018 0360 0000 0626 4212 |
| S & E ROYALTY LLC                                       | 8470 WEST 4TH AVENUE           | DENVER        | CO    | 80226      | 7018 0360 0000 0626 4205 |
| SHAWN & FRANCES HANNIFIN                                | 730 17TH ST STE 325            | DENVER        | CO    | 80202      | 7018 0360 0000 0626 4199 |
| SOFTSEARCH INVESTMENT LP<br>ATTENTION: JOHN DANIEL      | PO BOX 89                      | ABILENE       | TX    | 79604      | 7018 0360 0000 0626 4182 |
| STATE OF NEW MEXICO                                     | PO BOX 1148                    | SANTA FE      | NM    | 87504-1148 | 7018 0680 0001 8041 8556 |
| SUNDANCE MINERALS I                                     | PO BOX 17744                   | FORT WORTH    | TX    | 76102      | 7018 0360 0000 0626 4175 |
| WILLIAM K BURTON FORTSON OIL<br>COMPANY-AGENT           | 306 WEST 7TH STREET, SUITE 901 | FORT WORTH    | TX    | 76102      | 7018 0360 0000 0626 4168 |

MAILED 04/04/2019

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

**AUG 27 2018**

Form C-102

Revised August 1, 2011

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Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0750  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1250 Fax: (505) 748-9770  
District III  
1020 Rio Grande Road, Aztec, NM 87410  
Phone: (505) 334-4178 Fax: (505) 334-4170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                   |                                                            |                                                        |
|-----------------------------------|------------------------------------------------------------|--------------------------------------------------------|
| API Number<br><b>30-015-45215</b> | Pool Code<br><b>90473</b>                                  | Pool Name<br><b>Pierce Crossing; Bone Spring; East</b> |
| Property Code<br><b>322293</b>    | Property Name<br><b>REFRIED BEANS CC "15_16" STATE COM</b> | Well Number<br><b>12H</b>                              |
| OGRID No.<br><b>160416</b>        | Operator Name<br><b>OXY USA INC.</b>                       | Elevation<br><b>2938.8'</b>                            |

**Surface Location**

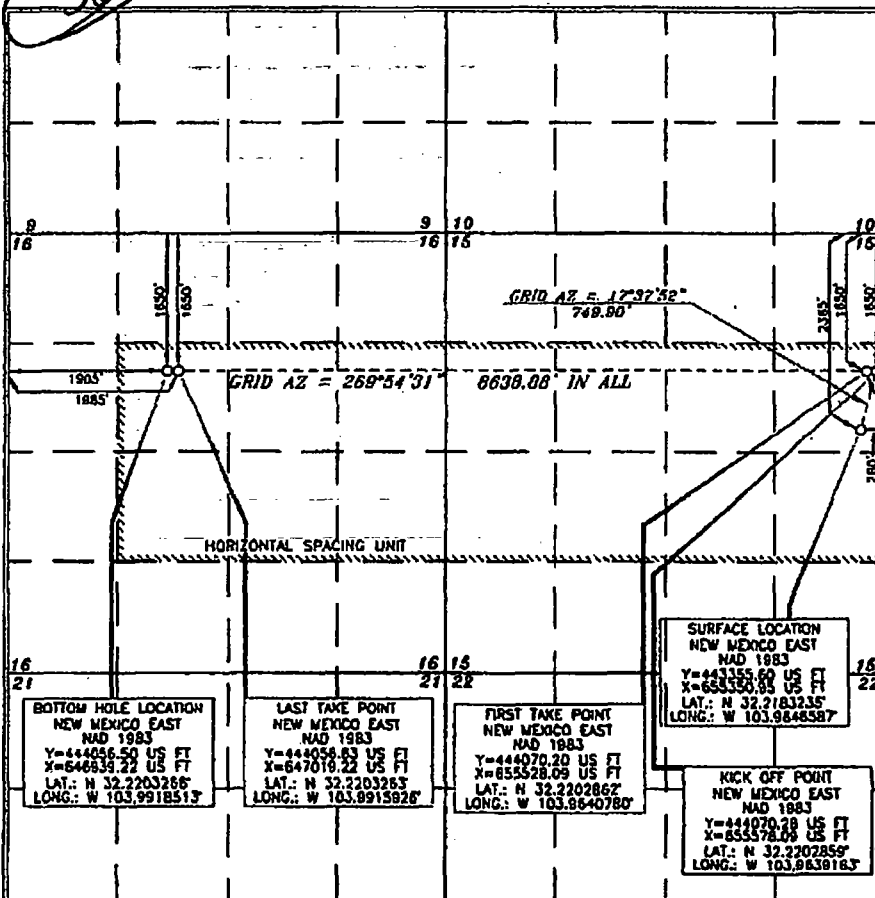
| UL or lot no. | Section | Township | Range             | Lot 1st | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 15      | 24 SOUTH | 29 EAST, N.M.P.M. |         | 2365'         | NORTH            | 280'          | EAST           | EDDY   |

**Bottom Hole Location If Different From Surface**

| UL or lot no. | Section | Township | Range             | Lot 1st | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| F             | 16      | 24 SOUTH | 29 EAST, N.M.P.M. |         | 1650'         | NORTH            | 1905'         | WEST           | EDDY   |

|                                |                                  |                    |                                                                            |
|--------------------------------|----------------------------------|--------------------|----------------------------------------------------------------------------|
| Dedicated Acres<br><b>2.90</b> | Joint or Infill<br><b>Infill</b> | Consolidation Code | Order No.<br><b>beginning well: Refried Beans CC 15-16 State Com #1311</b> |
|--------------------------------|----------------------------------|--------------------|----------------------------------------------------------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or as a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

**Sarah Chap** 8/15/18  
Signature Date  
**Sarah Chapman**  
Printed Name  
**sarah.chapman@oxy.com**  
E-mail Address

**SURVEYOR CERTIFICATION**

I hereby certify that the small location shown on this plat was located from a boundary or actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.

**ERRY J. AS**  
15079  
Date of Survey  
**JULY 11, 2018**  
Signature and Seal of Professional Surveyor

**Tommy D. Paul** 8/14/2018  
Certificate Number 15079

WOF 180522WL-a (Rev. A) (NM)

8-28-18.  
RVP.

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

**AUG 27 2018**

Form C-102

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**RECEIVED** August 1, 2011  
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☐ AMENDED REPORT

District I  
1625 N. Francis Dr., Hobbs, NM 88240  
Phone: (505) 322-6161 Fax: (505) 322-6770  
District II  
511 S. First St., Artesia, NM 88210  
Phone: (505) 745-1233 Fax: (505) 745-9770  
District III  
1000 N. Brown Road, Aztec, NM 87410  
Phone: (505) 322-6177 Fax: (505) 322-6175  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3432

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                   |                                                            |                                                        |
|-----------------------------------|------------------------------------------------------------|--------------------------------------------------------|
| API Number<br><b>30-015-45216</b> | Pool Code<br><b>96473</b>                                  | Pool Name<br><b>Pierce Crossing; Bone Spring, East</b> |
| Property Code<br><b>322293</b>    | Property Name<br><b>REFRIED BEANS CC "15_16" STATE COM</b> | Well Number<br><b>13H</b>                              |
| GRID No.<br><b>16096</b>          | Operator Name<br><b>OXY USA INC.</b>                       | Elevation<br><b>2938.8'</b>                            |

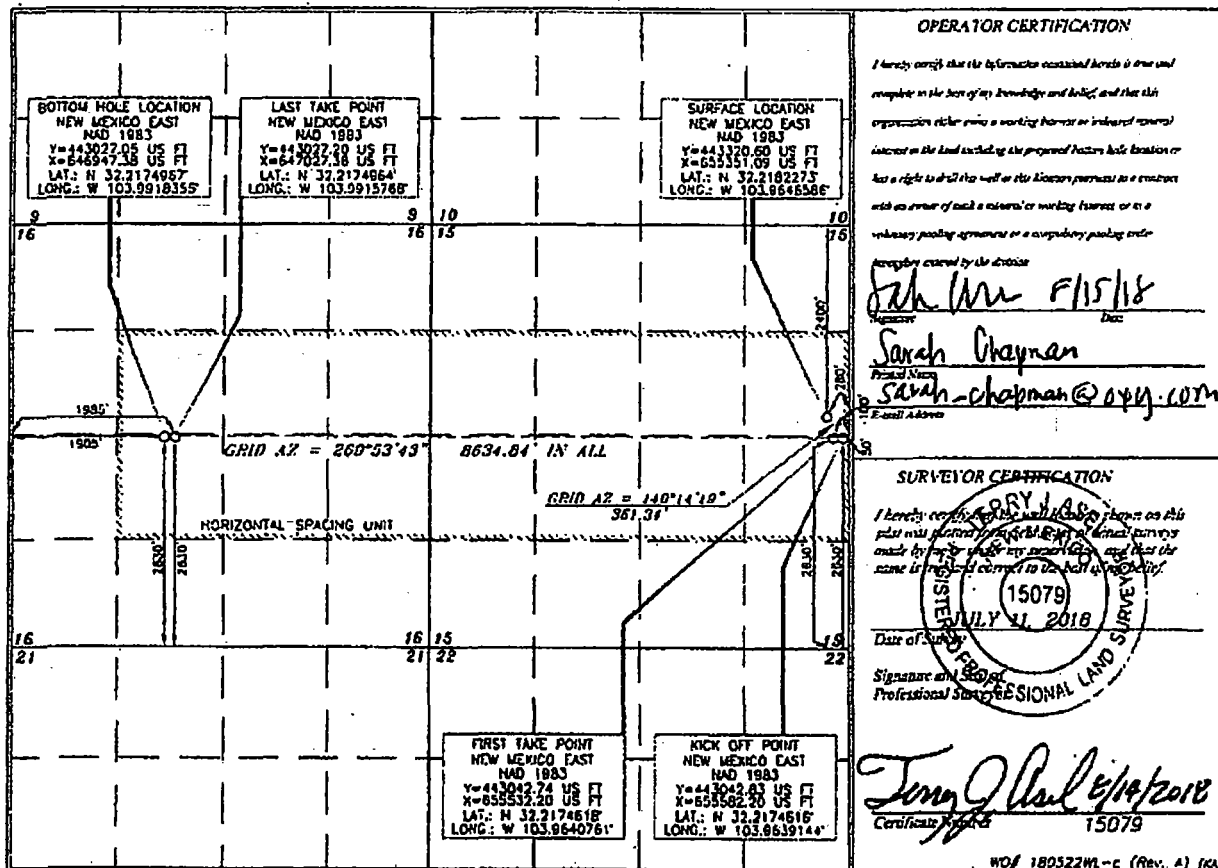
**Surface Location**

| UL or lot no. | Section | Township | Range             | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 15      | 24 SOUTH | 29 EAST, N.M.P.M. |         | 2400'         | NORTH            | 280'          | EAST           | EDDY   |

**Bottom Hole Location If Different From Surface**

| UL or lot no.                     | Section | Township         | Range              | Lot Idn                           | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------------------------|---------|------------------|--------------------|-----------------------------------|---------------|------------------|---------------|----------------|--------|
| K                                 | 16      | 24 SOUTH         | 29 EAST, N.M.P.M.  |                                   | 2630'         | SOUTH            | 1905'         | WEST           | EDDY   |
| Dedicated Acres<br><b>2.60560</b> |         | Joint or Infill. | Consolidation Code | Order No.<br><b>Defining well</b> |               |                  |               |                |        |

No allowance will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



*Rwp, 8-29-18*

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

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District Office

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**Division I**  
1615 N. French Dr., 16000, NM 87502  
Phone: (505) 251-4161 Fax: (505) 251-0720  
**Division II**  
811 S. First St., Anasazi, NM 87510  
Phone: (505) 245-1281 Fax: (505) 245-0720  
**Division III**  
1600 New Mexico Road, Artesia, NM 87510  
Phone: (505) 334-6178 Fax: (505) 334-6178  
**Division IV**  
1200 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 478-3450 Fax: (505) 478-3450

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                   |                                                            |                                                        |
|-----------------------------------|------------------------------------------------------------|--------------------------------------------------------|
| API Number<br><b>30-015-45217</b> | Pool Code<br><b>46473</b>                                  | Pool Name<br><b>Pierce Crossing; Bone Spring, East</b> |
| Property Code<br><b>322293</b>    | Property Name<br><b>REFRIED BEANS CC "15-16" STATE COM</b> | Well Number<br><b>14H</b>                              |
| OGRID No.<br><b>16696</b>         | Operator Name<br><b>OXY USA INC.</b>                       | Elevation<br><b>2943.3'</b>                            |

**Surface Location**

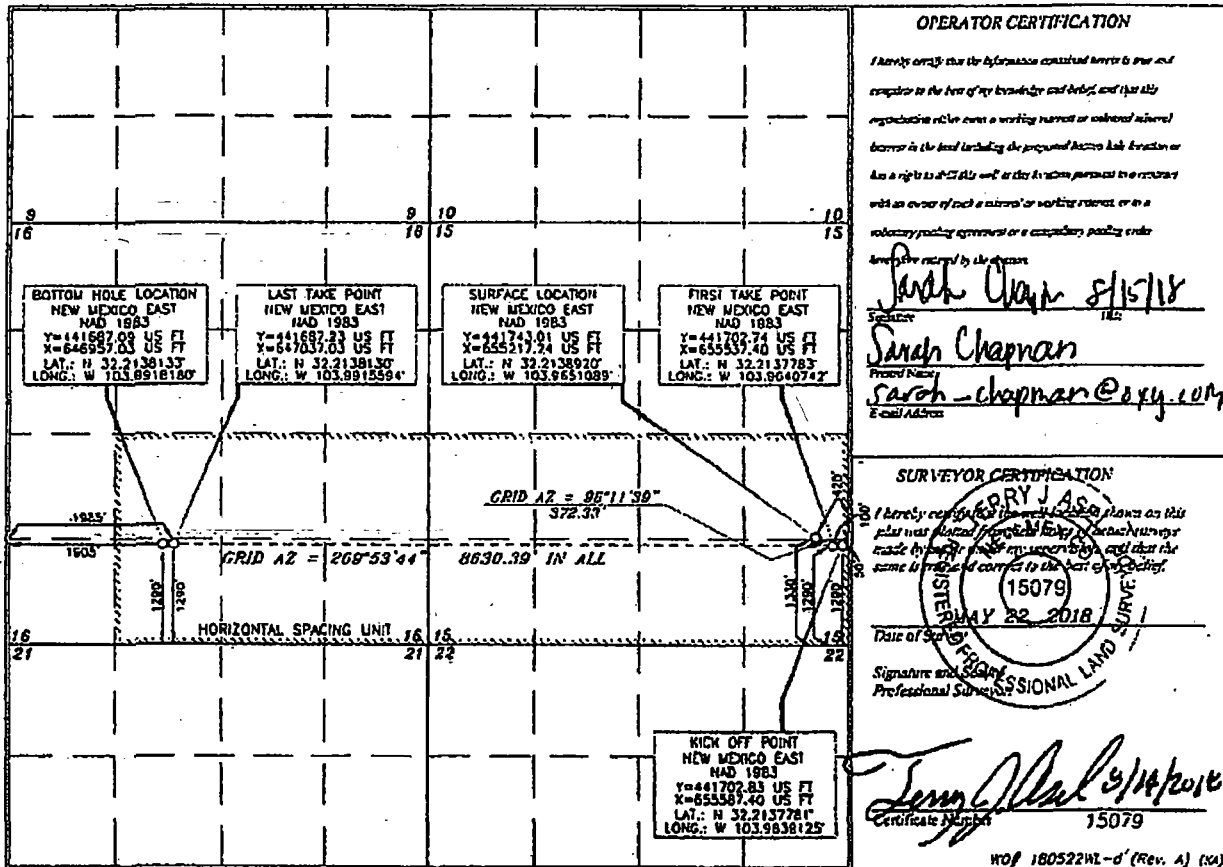
| UL or lot no. | Section   | Township        | Range                    | Lot 1d1 | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>1</b>      | <b>15</b> | <b>24 SOUTH</b> | <b>29 EAST, N.M.P.M.</b> |         | <b>1330'</b>  | <b>SOUTH</b>     | <b>420'</b>   | <b>EAST</b>    | <b>EDDY</b> |

**Bottom Hole Location If Different From Surface**

| UL or lot no. | Section   | Township        | Range                    | Lot 1d1 | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>N</b>      | <b>16</b> | <b>24 SOUTH</b> | <b>29 EAST, N.M.P.M.</b> |         | <b>1290'</b>  | <b>SOUTH</b>     | <b>1905'</b>  | <b>WEST</b>    | <b>EDDY</b> |

|                                        |                                 |                    |                                                                          |
|----------------------------------------|---------------------------------|--------------------|--------------------------------------------------------------------------|
| Dedicated Acreage<br><b>2.69 Acres</b> | Unit or Infill<br><b>Intill</b> | Consolidation Code | Order No.<br><b>Defining Well: Refried Beans CC 15-16 State Com #13H</b> |
|----------------------------------------|---------------------------------|--------------------|--------------------------------------------------------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information is not a working interest or mineral interest in the land including the proposed bottom hole location or has a right to drill this well in the bottom portion of the reservoir with an owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order.

Signature: **Sarah Chapman**  
Printed Name: **Sarah Chapman**  
E-mail Address: **sarah-chapman@oxy.com**

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was located from a survey of the land made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature: **ERRY J. AS**  
Printed Name: **ERRY J. AS**  
Date of Survey: **MAY 22 2018**  
Professional Surveyor License No.: **15079**

Signature: **ERRY J. AS**  
Printed Name: **ERRY J. AS**  
Date of Survey: **MAY 22 2018**  
Professional Surveyor License No.: **15079**

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

**AUG 27 2018**

Circle 1  
1423 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-4141 Fax: (505) 393-0720  
Circle 11  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1123 Fax: (505) 748-0720  
Circle 12  
1000 E. Graham Road, Aztec, NM 87410  
Phone: (505) 334-4176 Fax: (505) 334-4170  
Circle 13  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3468 Fax: (505) 476-3453

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                   |                                                              |                                          |
|-----------------------------------|--------------------------------------------------------------|------------------------------------------|
| API Number<br><b>30-015-45218</b> | Pool Code<br><b>98220</b>                                    | Pool Name<br><b>Purple Sage Wolfcamp</b> |
| Property Code<br><b>322294</b>    | Property Name<br><b>WHOMPING WILLOW CC "15-16" STATE COM</b> | Well Number<br><b>44H</b>                |
| OGRID No.<br><b>16696</b>         | Operator Name<br><b>OXY USA INC.</b>                         | Elevation<br><b>2942.8'</b>              |

**Surface Location**

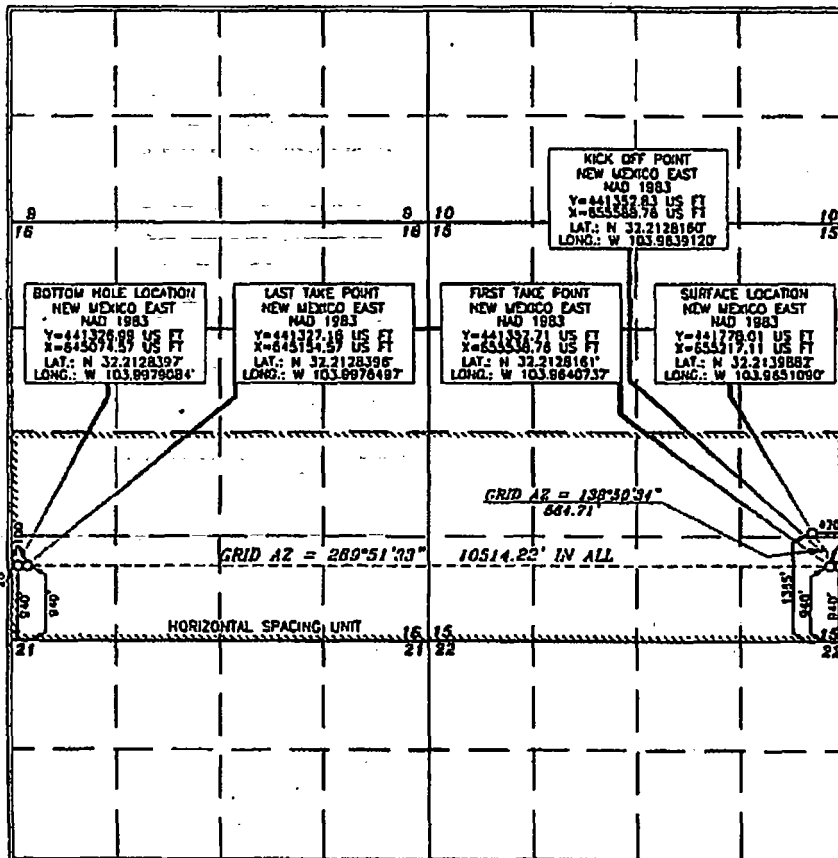
| UL or lot no. | Section   | Township        | Range                    | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>1</b>      | <b>15</b> | <b>24 SOUTH</b> | <b>29 EAST, N.M.P.M.</b> |         | <b>1365'</b>  | <b>SOUTH</b>     | <b>420'</b>   | <b>EAST</b>    | <b>EDDY</b> |

**Bottom Hole Location If Different From Surface**

| UL or lot no. | Section   | Township        | Range                    | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>M</b>      | <b>16</b> | <b>24 SOUTH</b> | <b>29 EAST, N.M.P.M.</b> |         | <b>940'</b>   | <b>SOUTH</b>     | <b>20'</b>    | <b>WEST</b>    | <b>EDDY</b> |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| <b>640</b>      | <b>N</b>        |                    |           |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order.

Authorized by the division: **8/7/18**  
Signature: **Jana Mendiola**  
Printed Name: **Jana Mendiola**  
E-mail Address: **jana.mendiola@oxy.com**

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from the following original surveys made by the 20 or less surveyors and that the same is true and correct to the best of my belief.

Signature and Seal: **ERRY J. AS**  
Professional Surveyor  
Date of Survey: **MAY 28, 2018**  
Certificate Number: **15079**

Signature: **Terry J. As**  
Certificate Number: **15079**

WOP 180522WL-b (10)

**RWP 8-28-18**