

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                                                                                                                                                                                                                |  |                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)  |  | WELL API NO.<br>30-015-44680                                                                        |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other                                                                                                          |  | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator<br>COG Operating LLC                                                                                                                                                                       |  | 6. State Oil & Gas Lease No.                                                                        |
| 3. Address of Operator<br>2208 W. Main Street, Artesia, NM 88210                                                                                                                                               |  | 7. Lease Name or Unit Agreement Name<br>Myox 21 State Com                                           |
| 4. Well Location<br>Unit Letter <u>M</u> : <u>688</u> feet from the <u>South</u> line and <u>900</u> feet from the <u>West</u> line<br>Section <u>21</u> Township <u>25S</u> Range <u>28E</u> NMPM Eddy County |  | 8. Well Number<br>51H                                                                               |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>2989' GR                                                                                                                                                 |  | 9. OGRID Number<br>229137                                                                           |
|                                                                                                                                                                                                                |  | 10. Pool name or Wildcat<br>Purple Sage; Wolfcamp (gas)                                             |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: Completion Operations ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8/2/18 to 8/7/18 Test annulus to 1500# for 30 mins. Good test. Ran CBL. TOC @ 50'. Set CBP @ 19,945'. Test to 11,504#. Test good. Perf 19,910-19,920'. Injection test.

8/27/18 to 9/18/18 Perf 10,523-19,801' (1912). Acdz w/ 79,632 gal 7-1/2%; frac w/ 18,771,410#sand & 15,956,640 gal fluid.

10/11/18 to 10/13/18 Drill out CFP's. Clean down to PBTD @ 19,876'.

10/22/18 to 10/23/18 Set 2 7/8" 6.5# L-80 tbg @ 9,779' & pkr @ 9,769'.

12/22/18 Began flowback & testing. Date of first production.

RECEIVED

Spud Date:

3/29/18

Rig Release Date:

5/3/18

FEB 19 2019

DISTRICT II-ARTESIA O.C.D.

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

SIGNATURE Amanda Avery

TITLE: Regulatory Analyst

DATE: 2/12/19

Type or print name: Amanda Avery

E-mail address: aavery@concho.com

PHONE: (575) 748-6962

For State Use Only

APPROVED BY: Rusty Kline

TITLE Business Ops Spec A

DATE 2-22-2019

Conditions of Approval (if any):

## Myox 21 State Com #51H

| <u>Perfs</u>  | <u>7 1/2% Acid (Gal)</u> | <u>Sand (#)</u>   | <u>Fluid (Gal)</u> |
|---------------|--------------------------|-------------------|--------------------|
| 1             | 2520                     | 360890            | 318234             |
| 2             | 1512                     | 360820            | 312606             |
| 3             | 1512                     | 360590            | 308196             |
| 4             | 1512                     | 367660            | 316008             |
| 5             | 1512                     | 360220            | 308616             |
| 6             | 1512                     | 360170            | 308784             |
| 7             | 1512                     | 360510            | 318486             |
| 8             | 1512                     | 360550            | 315672             |
| 9             | 1512                     | 360270            | 330624             |
| 10            | 1512                     | 360200            | 339864             |
| 11            | 1512                     | 360260            | 382368             |
| 12            | 1512                     | 360760            | 323274             |
| 13            | 1512                     | 360980            | 311556             |
| 14            | 1512                     | 360870            | 336126             |
| 15            | 1512                     | 359930            | 323400             |
| 16            | 1512                     | 360930            | 337428             |
| 17            | 1512                     | 361680            | 300930             |
| 18            | 1512                     | 360950            | 300426             |
| 19            | 1512                     | 360510            | 304752             |
| 20            | 1512                     | 360350            | 302694             |
| 21            | 1512                     | 360740            | 300090             |
| 22            | 1512                     | 360700            | 299796             |
| 23            | 1512                     | 360090            | 297612             |
| 24            | 1512                     | 361710            | 303744             |
| 25            | 1512                     | 360360            | 298158             |
| 26            | 1512                     | 361030            | 299376             |
| 27            | 1512                     | 360350            | 302610             |
| 28            | 1512                     | 364960            | 300174             |
| 29            | 1512                     | 360970            | 296814             |
| 30            | 1512                     | 360530            | 299334             |
| 31            | 1512                     | 360430            | 297822             |
| 32            | 1512                     | 360340            | 296310             |
| 33            | 1512                     | 360470            | 298956             |
| 34            | 1512                     | 360730            | 302652             |
| 35            | 1512                     | 360100            | 298200             |
| 36            | 1512                     | 360150            | 295932             |
| 37            | 1512                     | 360590            | 298494             |
| 38            | 1512                     | 361050            | 295218             |
| 39            | 1512                     | 360470            | 297738             |
| 40            | 1512                     | 359750            | 310422             |
| 41            | 1512                     | 361350            | 302400             |
| 42            | 1512                     | 360640            | 338688             |
| 43            | 1512                     | 359770            | 295344             |
| 44            | 1512                     | 360130            | 294084             |
| 45            | 1512                     | 360120            | 292824             |
| 46            | 1512                     | 360020            | 299166             |
| 47            | 1512                     | 359890            | 291438             |
| 48            | 1512                     | 360070            | 284508             |
| 49            | 1512                     | 360440            | 292068             |
| 50            | 1512                     | 360230            | 290556             |
| 51            | 1512                     | 360000            | 288624             |
| 52            | 1512                     | 374130            | 297444             |
| <b>Totals</b> | <b>79,632</b>            | <b>18,771,410</b> | <b>15,956,640</b>  |

|                          | Stage 1      | Distance<br>Between<br>Perfs | Shots       | Stage 2      | Distance<br>Between<br>Perfs | Shots       | Stage 3      | Distance<br>Between<br>Perfs | Shots       | Stage 4      | Distance<br>Between<br>Perfs | Shots       | Stage 5      | Distance<br>Between<br>Perfs | Shots       |
|--------------------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|
| From<br>Bottom to<br>Top | 19,801       | 14                           | 5           | 19,677       | 26                           | 5           | 19,485       | 38                           | 5           | 19,320       | 23                           | 5           | 19,140       | 23                           | 5           |
|                          | 19,787       | 14                           | 5           | 19,658       | 23                           | 5           | 19,470       | 18                           | 5           | 19,298       | 23                           | 5           | 19,118       | 23                           | 5           |
|                          | 19,773       | 14                           | 5           | 19,635       | 22                           | 5           | 19,452       | 19                           | 5           | 19,275       | 20                           | 5           | 19,095       | 22                           | 5           |
|                          | 19,759       | 14                           | 5           | 19,613       | 27                           | 5           | 19,433       | 23                           | 5           | 19,255       | 25                           | 5           | 19,073       | 23                           | 5           |
|                          | 19,745       | 14                           | 5           | 19,586       | 18                           | 5           | 19,410       | 5                            | 5           | 19,230       | 19                           | 5           | 19,050       | 22                           | 5           |
|                          | 19,731       | 14                           | 5           | 19,568       | 23                           | 5           | 19,388       | 23                           | 5           | 19,211       | 26                           | 5           | 19,028       | 23                           | 5           |
|                          | 19,717       | 14                           | 5           | 19,545       | 22                           | 5           | 19,365       | 22                           | 5           | 19,185       | 22                           | 5           | 19,005       | 22                           | 5           |
|                          | 19,703       |                              | 5           | 19,523       |                              | 5           | 19,343       |                              | 5           | 19,163       |                              | 5           | 18,983       |                              | 5           |
|                          | Plug to Plug | 61                           | 40          | Plug to Plug | 78                           | 40          | Plug to Plug | 63                           | 40          | Plug to Plug | 76                           | 40          | Plug to Plug | 78                           | 40          |
|                          | Frac Plug    | 19,820                       | Total Shots | Frac Plug    | 19,691                       | Total Shots | Frac Plug    | 19,496                       | Total Shots | Frac Plug    | 19,331                       | Total Shots | Frac Plug    | 19,151                       | Total Shots |

|                          | Stage 6      | Distance<br>Between<br>Perfs | Shots       | Stage 7      | Distance<br>Between<br>Perfs | Shots       | Stage 8      | Distance<br>Between<br>Perfs | Shots       | Stage 9      | Distance<br>Between<br>Perfs | Shots       | Stage 10     | Distance<br>Between<br>Perfs | Shots       |
|--------------------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|
| From<br>Bottom to<br>Top | 18,960       | 23                           | 5           | 18,780       | 23                           | 5           | 18,600       | 23                           | 5           | 18,420       | 23                           | 5           | 18,240       | 23                           | 5           |
|                          | 18,938       | 20                           | 5           | 18,758       | 23                           | 5           | 18,573       | 21                           | 5           | 18,398       | 22                           | 5           | 18,218       | 23                           | 5           |
|                          | 18,916       | 25                           | 5           | 18,735       | 22                           | 5           | 18,552       | 22                           | 5           | 18,376       | 23                           | 5           | 18,195       | 22                           | 5           |
|                          | 18,893       | 28                           | 5           | 18,713       | 23                           | 5           | 18,530       | 20                           | 5           | 18,353       | 30                           | 5           | 18,173       | 23                           | 5           |
|                          | 18,865       | 19                           | 5           | 18,690       | 22                           | 5           | 18,510       | 23                           | 5           | 18,323       | 17                           | 5           | 18,150       | 22                           | 5           |
|                          | 18,846       | 24                           | 5           | 18,668       | 23                           | 5           | 18,487       | 22                           | 5           | 18,306       | 25                           | 5           | 18,128       | 23                           | 5           |
|                          | 18,822       | 19                           | 5           | 18,645       | 22                           | 5           | 18,465       | 22                           | 5           | 18,281       | 18                           | 5           | 18,105       | 22                           | 5           |
|                          | 18,803       |                              | 5           | 18,623       |                              | 5           | 18,443       |                              | 5           | 18,263       |                              | 5           | 18,083       |                              | 5           |
|                          | Plug to Plug | 78                           | 40          | Plug to Plug | 78                           | 40          | Plug to Plug | 81                           | 40          | Plug to Plug | 78                           | 40          | Plug to Plug | 78                           | 40          |
|                          | Frac Plug    | 18,971                       | Total Shots | Frac Plug    | 18,791                       | Total Shots | Frac Plug    | 18,611                       | Total Shots | Frac Plug    | 18,431                       | Total Shots | Frac Plug    | 18,251                       | Total Shots |

|                          | Stage 11     | Distance<br>Between<br>Perfs | Shots       | Stage 12     | Distance<br>Between<br>Perfs | Shots       | Stage 13     | Distance<br>Between<br>Perfs | Shots       | Stage 14     | Distance<br>Between<br>Perfs | Shots       | Stage 15     | Distance<br>Between<br>Perfs | Shots       |
|--------------------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|
| From<br>Bottom to<br>Top | 18,060       | 23                           | 5           | 17,880       | 23                           | 5           | 17,700       | 23                           | 5           | 17,510       | 33                           | 5           | 17,340       | 27                           | 5           |
|                          | 18,038       | 23                           | 5           | 17,858       | 23                           | 5           | 17,878       | 23                           | 5           | 17,494       | 19                           | 5           | 17,317       | 22                           | 5           |
|                          | 18,015       | 22                           | 5           | 17,835       | 20                           | 5           | 17,855       | 22                           | 5           | 17,475       | 22                           | 5           | 17,295       | 23                           | 5           |
|                          | 17,993       | 23                           | 5           | 17,815       | 25                           | 5           | 17,833       | 20                           | 5           | 17,453       | 23                           | 5           | 17,272       | 22                           | 5           |
|                          | 17,970       | 22                           | 4           | 17,790       | 27                           | 4           | 17,813       | 25                           | 4           | 17,430       | 20                           | 4           | 17,250       | 22                           | 4           |
|                          | 17,948       | 23                           | 4           | 17,763       | 18                           | 4           | 17,868       | 23                           | 4           | 17,410       | 25                           | 4           | 17,228       | 23                           | 4           |
|                          | 17,925       | 22                           | 4           | 17,745       | 22                           | 4           | 17,865       | 22                           | 4           | 17,385       | 18                           | 4           | 17,205       | 22                           | 4           |
|                          | 17,903       |                              | 4           | 17,723       |                              | 4           | 17,843       |                              | 4           | 17,367       |                              | 4           | 17,183       |                              | 4           |
|                          | Plug to Plug | 80                           | 36          | Plug to Plug | 76                           | 36          | Plug to Plug | 78                           | 36          | Plug to Plug | 68                           | 36          | Plug to Plug | 79                           | 36          |
|                          | Frac Plug    | 18,073                       | Total Shots | Frac Plug    | 17,891                       | Total Shots | Frac Plug    | 17,711                       | Total Shots | Frac Plug    | 17,521                       | Total Shots | Frac Plug    | 17,351                       | Total Shots |

|                          | Stage 16     | Distance<br>Between<br>Perfs | Shots       | Stage 17     | Distance<br>Between<br>Perfs | Shots       | Stage 18     | Distance<br>Between<br>Perfs | Shots       | Stage 19     | Distance<br>Between<br>Perfs | Shots       | Stage 20     | Distance<br>Between<br>Perfs | Shots       |
|--------------------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|
| From<br>Bottom to<br>Top | 17,160       | 23                           | 5           | 16,980       | 23                           | 5           | 16,799       | 24                           | 5           | 16,614       | 29                           | 5           | 16,440       | 23                           | 5           |
|                          | 17,138       | 23                           | 5           | 16,958       | 23                           | 5           | 16,778       | 23                           | 5           | 16,598       | 23                           | 5           | 16,418       | 23                           | 5           |
|                          | 17,115       | 22                           | 5           | 16,935       | 22                           | 5           | 16,755       | 22                           | 5           | 16,575       | 20                           | 5           | 16,395       | 22                           | 5           |
|                          | 17,093       | 23                           | 5           | 16,913       | 28                           | 5           | 16,733       | 23                           | 5           | 16,555       | 25                           | 5           | 16,373       | 23                           | 5           |
|                          | 17,070       | 22                           | 4           | 16,885       | 23                           | 4           | 16,710       | 22                           | 4           | 16,530       | 28                           | 4           | 16,350       | 22                           | 4           |
|                          | 17,048       | 23                           | 4           | 16,862       | 20                           | 4           | 16,688       | 23                           | 4           | 16,502       | 20                           | 4           | 16,328       | 23                           | 4           |
|                          | 17,025       | 22                           | 4           | 16,842       | 19                           | 4           | 16,665       | 22                           | 4           | 16,482       | 19                           | 4           | 16,305       | 22                           | 4           |
|                          | 17,003       |                              | 4           | 16,823       |                              | 4           | 16,643       |                              | 4           | 16,463       |                              | 4           | 16,283       |                              | 4           |
|                          | Plug to Plug | 78                           | 36          | Plug to Plug | -9322                        | 36          | Plug to Plug | 78                           | 36          | Plug to Plug | 71                           | 36          | Plug to Plug | 78                           | 36          |
|                          | Frac Plug    | 17,171                       | Total Shots | Frac Plug    | 6,991                        | Total Shots | Frac Plug    | 16,811                       | Total Shots | Frac Plug    | 16,626                       | Total Shots | Frac Plug    | 16,451                       | Total Shots |

|                          | Stage 21     | Distance<br>Between<br>Perfs | Shots       | Stage 22     | Distance<br>Between<br>Perfs | Shots       | Stage 23     | Distance<br>Between<br>Perfs | Shots       | Stage 24     | Distance<br>Between<br>Perfs | Shots       | Stage 25     | Distance<br>Between<br>Perfs | Shots       |
|--------------------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|
| From<br>Bottom to<br>Top | 16,261       | 22                           | 5           | 16,080       | 27                           | 5           | 15,898       | 25                           | 5           | 15,720       | 23                           | 5           | 15,540       | 23                           | 5           |
|                          | 16,238       | 28                           | 5           | 16,058       | 23                           | 5           | 15,879       | 24                           | 5           | 15,698       | 22                           | 5           | 15,518       | 23                           | 5           |
|                          | 16,210       | 17                           | 5           | 16,035       | 22                           | 5           | 15,855       | 25                           | 5           | 15,676       | 23                           | 5           | 15,495       | 22                           | 5           |
|                          | 16,183       | 25                           | 5           | 16,013       | 23                           | 5           | 15,830       | 20                           | 5           | 15,653       | 19                           | 5           | 15,473       | 23                           | 5           |
|                          | 16,168       | 20                           | 4           | 15,990       | 22                           | 4           | 15,810       | 22                           | 4           | 15,634       | 26                           | 4           | 15,450       | 22                           | 4           |
|                          | 16,148       | 23                           | 4           | 15,968       | 23                           | 4           | 15,788       | 23                           | 4           | 15,608       | 28                           | 4           | 15,428       | 23                           | 4           |
|                          | 16,125       | 18                           | 4           | 15,945       | 22                           | 4           | 15,765       | 22                           | 4           | 15,580       | 17                           | 4           | 15,405       | 19                           | 4           |
|                          | 16,107       |                              | 4           | 15,923       |                              | 4           | 15,743       |                              | 4           | 15,563       |                              | 4           | 15,386       |                              | 4           |
|                          | Plug to Plug | 78                           | 36          | Plug to Plug | 82                           | 36          | Plug to Plug | 79                           | 36          | Plug to Plug | 78                           | 36          | Plug to Plug | 78                           | 36          |
|                          | Frac Plug    | 16,271                       | Total Shots | Frac Plug    | 16,095                       | Total Shots | Frac Plug    | 15,909                       | Total Shots | Frac Plug    | 15,731                       | Total Shots | Frac Plug    | 15,551                       | Total Shots |

|                          | Stage 26     | Distance<br>Between<br>Perfs | Shots       | Stage 27     | Distance<br>Between<br>Perfs | Shots       | Stage 28     | Distance<br>Between<br>Perfs | Shots       | Stage 29     | Distance<br>Between<br>Perfs | Shots       | Stage 30     | Distance<br>Between<br>Perfs | Shots       |
|--------------------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|--------------|------------------------------|-------------|
| From<br>Bottom to<br>Top | 15,360       | 26                           | 5           | 15,180       | 23                           | 5           | 14,998       | 25                           | 5           | 14,819       | 24                           | 5           | 14,640       | 23                           | 5           |
|                          | 15,333       | 18                           | 5           | 15,158       | 21                           | 5           | 14,978       | 23                           | 5           | 14,798       | 23                           | 5           | 14,618       | 23                           | 5           |
|                          | 15,315       | 24                           | 5           | 15,137       | 24                           | 5           | 14,955       | 22                           | 5           | 14,775       | 20                           | 5           | 14,595       | 22                           | 5           |
|                          | 15,291       | 21                           | 5           | 15,113       | 18                           | 5           | 14,933       | 23                           | 5           | 14,755       | 25                           | 5           | 14,573       | 23                           | 5           |
|                          | 15,270       | 22                           | 4           | 15,095       | 27                           | 4           | 14,910       | 22                           | 4           | 14,730       | 25                           | 4           | 14,550       | 22                           | 4           |
|                          | 15,248       | 23                           | 4           | 15,068       | 28                           | 4           | 14,888       | 23                           | 4           | 14,705       | 20                           | 4           | 14,528       | 23                           | 4           |
|                          | 15,225       | 22                           | 4           | 15,040       | 17                           | 4           | 14,865       | 22                           | 4           | 14,685       | 22                           | 4           | 14,505       | 22                           | 4           |
|                          | 15,203       |                              | 4           | 15,023       |                              | 4           | 14,843       |                              | 4           | 14,663       |                              | 4           | 14,483       |                              | 4           |
|                          | Plug to Plug | 80                           | 36          | Plug to Plug | 78                           | 36          | Plug to Plug | 78                           | 36          | Plug to Plug | 75                           | 36          | Plug to Plug | 78                           | 36          |
|                          | Frac Plug    | 15,371                       | Total Shots | Frac Plug    | 15,191                       | Total Shots | Frac Plug    | 15,011                       | Total Shots | Frac Plug    | 14,830                       | Total Shots | Frac Plug    | 14,651                       | Total Shots |

| From Bottom to Top | Stage 31     | Distance Between Perfs | Shots | Stage 32     | Distance Between Perfs | Shots       | Stage 33     | Distance Between Perfs | Shots | Stage 34     | Distance Between Perfs | Shots     | Stage 35     | Distance Between Perfs | Shots |
|--------------------|--------------|------------------------|-------|--------------|------------------------|-------------|--------------|------------------------|-------|--------------|------------------------|-----------|--------------|------------------------|-------|
|                    | 14,460       | 23                     | 5     | 14,280       | 27                     | 5           | 14,100       | 29                     | 5     | 13,918       | 25                     | 5         | 13,740       | 23                     | 5     |
|                    | 14,438       | 20                     | 5     | 14,258       | 23                     | 5           | 14,075       | 20                     | 5     | 13,898       | 23                     | 5         | 13,718       | 23                     | 5     |
|                    | 14,418       | 25                     | 5     | 14,235       | 22                     | 5           | 14,055       | 22                     | 5     | 13,875       | 22                     | 5         | 13,695       | 25                     | 5     |
|                    | 14,393       | 18                     | 5     | 14,213       | 23                     | 5           | 14,033       | 23                     | 5     | 13,853       | 23                     | 5         | 13,670       | 20                     | 5     |
|                    | 14,375       | 21                     | 4     | 14,190       | 22                     | 4           | 14,010       | 22                     | 4     | 13,830       | 22                     | 4         | 13,650       | 22                     | 4     |
|                    | 14,354       | 22                     | 4     | 14,168       | 20                     | 4           | 13,988       | 20                     | 4     | 13,808       | 23                     | 4         | 13,628       | 23                     | 4     |
|                    | 14,332       | 25                     | 4     | 14,148       | 19                     | 4           | 13,968       | 25                     | 4     | 13,785       | 22                     | 4         | 13,605       | 22                     | 4     |
|                    | 14,307       | 4                      | 4     | 14,129       |                        | 4           | 13,943       |                        | 4     | 13,763       |                        | 4         | 13,583       |                        | 4     |
|                    | Plug to Plug | -14393                 | 36    | Plug to Plug | 82                     | 36          | Plug to Plug | 78                     | 36    | Plug to Plug | 78                     | 36        | Plug to Plug | 81                     | 36    |
| Frac Plug          |              | Total Shots            |       | Frac Plug    |                        | Total Shots |              | Frac Plug              |       | Total Shots  |                        | Frac Plug |              | Total Shots            |       |

| From Bottom to Top | Stage 36     | Distance Between Perfs | Shots | Stage 37     | Distance Between Perfs | Shots       | Stage 38     | Distance Between Perfs | Shots | Stage 39     | Distance Between Perfs | Shots     | Stage 40     | Distance Between Perfs | Shots |
|--------------------|--------------|------------------------|-------|--------------|------------------------|-------------|--------------|------------------------|-------|--------------|------------------------|-----------|--------------|------------------------|-------|
|                    | 13,560       | 23                     | 5     | 13,374       | 29                     | 5           | 13,200       | 28                     | 5     | 13,020       | 19                     | 5         | 12,840       | 23                     | 5     |
|                    | 13,538       | 23                     | 5     | 13,358       | 27                     | 5           | 13,178       | 23                     | 5     | 12,996       | 21                     | 5         | 12,818       | 23                     | 5     |
|                    | 13,515       | 22                     | 5     | 13,331       | 18                     | 5           | 13,155       | 22                     | 5     | 12,975       | 22                     | 5         | 12,795       | 22                     | 5     |
|                    | 13,493       | 23                     | 5     | 13,313       | 26                     | 5           | 13,133       | 23                     | 5     | 12,953       | 23                     | 5         | 12,773       | 23                     | 5     |
|                    | 13,470       | 22                     | 4     | 13,287       | 19                     | 4           | 13,110       | 20                     | 4     | 12,930       | 22                     | 4         | 12,750       | 22                     | 4     |
|                    | 13,448       | 21                     | 4     | 13,268       | 23                     | 4           | 13,090       | 25                     | 4     | 12,908       | 23                     | 4         | 12,728       | 20                     | 4     |
|                    | 13,427       | 24                     | 4     | 13,245       | 17                     | 4           | 13,065       | 26                     | 4     | 12,885       | 22                     | 4         | 12,708       | 25                     | 4     |
|                    | 13,403       |                        | 4     | 13,228       |                        | 4           | 13,039       |                        | 4     | 12,863       |                        | 4         | 12,683       |                        | 4     |
|                    | Plug to Plug | 78                     | 36    | Plug to Plug | 78                     | 36          | Plug to Plug | 83                     | 36    | Plug to Plug | 78                     | 36        | Plug to Plug | 78                     | 36    |
| Frac Plug          |              | Total Shots            |       | Frac Plug    |                        | Total Shots |              | Frac Plug              |       | Total Shots  |                        | Frac Plug |              | Total Shots            |       |

| From Bottom to Top | Stage 41     | Distance Between Perfs | Shots | Stage 42     | Distance Between Perfs | Shots       | Stage 43     | Distance Between Perfs | Shots | Stage 44     | Distance Between Perfs | Shots     | Stage 45     | Distance Between Perfs | Shots |
|--------------------|--------------|------------------------|-------|--------------|------------------------|-------------|--------------|------------------------|-------|--------------|------------------------|-----------|--------------|------------------------|-------|
|                    | 12,660       | 23                     | 5     | 12,480       | 23                     | 5           | 12,300       | 23                     | 5     | 12,118       | 23                     | 5         | 11,938       | 25                     | 5     |
|                    | 12,638       | 28                     | 5     | 12,458       | 23                     | 5           | 12,280       | 25                     | 5     | 12,098       | 23                     | 5         | 11,918       | 18                     | 5     |
|                    | 12,610       | 17                     | 5     | 12,435       | 22                     | 5           | 12,255       | 17                     | 5     | 12,075       | 22                     | 5         | 11,900       | 27                     | 5     |
|                    | 12,593       | 25                     | 5     | 12,413       | 23                     | 5           | 12,238       | 28                     | 5     | 12,053       | 23                     | 5         | 11,873       | 29                     | 5     |
|                    | 12,568       | 20                     | 4     | 12,390       | 22                     | 4           | 12,210       | 27                     | 4     | 12,030       | 22                     | 4         | 11,844       | 16                     | 4     |
|                    | 12,548       | 24                     | 4     | 12,368       | 23                     | 4           | 12,183       | 18                     | 4     | 12,008       | 23                     | 4         | 11,828       | 26                     | 4     |
|                    | 12,524       | 21                     | 4     | 12,345       | 22                     | 4           | 12,165       | 24                     | 4     | 11,985       | 22                     | 4         | 11,802       | 19                     | 4     |
|                    | 12,503       |                        | 4     | 12,323       |                        | 4           | 12,141       |                        | 4     | 11,963       |                        | 4         | 11,783       |                        | 4     |
|                    | Plug to Plug | 78                     | 36    | Plug to Plug | 80                     | 36          | Plug to Plug | 73                     | 36    | Plug to Plug | 76                     | 36        | Plug to Plug | 76                     | 36    |
| Frac Plug          |              | Total Shots            |       | Frac Plug    |                        | Total Shots |              | Frac Plug              |       | Total Shots  |                        | Frac Plug |              | Total Shots            |       |

| From Bottom to Top | Stage 46     | Distance Between Perfs | Shots | Stage 47     | Distance Between Perfs | Shots       | Stage 48     | Distance Between Perfs | Shots | Stage 49     | Distance Between Perfs | Shots     | Stage 50     | Distance Between Perfs | Shots |
|--------------------|--------------|------------------------|-------|--------------|------------------------|-------------|--------------|------------------------|-------|--------------|------------------------|-----------|--------------|------------------------|-------|
|                    | 11,760       | 23                     | 5     | 11,580       | 23                     | 5           | 11,400       | 23                     | 5     | 11,222       | 21                     | 5         | 11,040       | 21                     | 5     |
|                    | 11,738       | 23                     | 5     | 11,558       | 23                     | 5           | 11,378       | 23                     | 5     | 11,186       | 17                     | 5         | 11,018       | 23                     | 5     |
|                    | 11,715       | 22                     | 5     | 11,535       | 22                     | 5           | 11,355       | 22                     | 5     | 11,169       | 25                     | 5         | 10,995       | 22                     | 5     |
|                    | 11,693       | 23                     | 5     | 11,513       | 23                     | 5           | 11,333       | 23                     | 5     | 11,144       | 25                     | 5         | 10,973       | 23                     | 5     |
|                    | 11,670       | 22                     | 4     | 11,490       | 24                     | 4           | 11,310       | 22                     | 4     | 11,119       | 16                     | 4         | 10,950       | 22                     | 4     |
|                    | 11,648       | 23                     | 4     | 11,466       | 21                     | 4           | 11,288       | 23                     | 4     | 11,103       | 25                     | 4         | 10,928       | 23                     | 4     |
|                    | 11,625       | 22                     | 4     | 11,445       | 22                     | 4           | 11,265       | 22                     | 4     | 11,078       | 17                     | 4         | 10,905       | 22                     | 4     |
|                    | 11,603       |                        | 4     | 11,423       |                        | 4           | 11,243       |                        | 4     | 11,061       |                        | 4         | 10,883       |                        |       |
|                    | Plug to Plug | 78                     | 36    | Plug to Plug | 78                     | 36          | Plug to Plug | 78                     | 36    | Plug to Plug | 89                     | 36        | Plug to Plug | 78                     | 32    |
| Frac Plug          |              | Total Shots            |       | Frac Plug    |                        | Total Shots |              | Frac Plug              |       | Total Shots  |                        | Frac Plug |              | Total Shots            |       |

| From Bottom to Top | Stage 51     | Distance Between Perfs | Shots | Stage 52     | Distance Between Perfs | Shots       | Stage 53     | Distance Between Perfs | Shots | Stage 54     | Distance Between Perfs | Shots     | Stage 55     | Distance Between Perfs | Shots |
|--------------------|--------------|------------------------|-------|--------------|------------------------|-------------|--------------|------------------------|-------|--------------|------------------------|-----------|--------------|------------------------|-------|
|                    | 10,860       | 23                     | 5     | 10,691       | 11                     | 5           |              | 10523                  |       |              | 0                      |           |              | 0                      |       |
|                    | 10,834       | 19                     | 5     | 10,658       | 23                     | 5           |              |                        |       |              |                        |           |              |                        |       |
|                    | 10,815       | 22                     | 5     | 10,635       | 22                     | 5           |              |                        |       |              |                        |           |              |                        |       |
|                    | 10,793       | 23                     | 5     | 10,613       | 23                     | 5           |              |                        |       |              |                        |           |              |                        |       |
|                    | 10,770       | 22                     | 4     | 10,590       | 22                     | 4           |              |                        |       |              |                        |           |              |                        |       |
|                    | 10,748       | 23                     | 4     | 10,568       | 23                     | 4           |              |                        |       |              |                        |           |              |                        |       |
|                    | 10,725       | 23                     | 4     | 10,545       | 22                     | 4           |              |                        |       |              |                        |           |              |                        |       |
|                    | 10,702       |                        | 4     | 10,523       |                        | 4           |              |                        |       |              |                        |           |              |                        |       |
|                    | Plug to Plug | 78                     | 36    | Plug to Plug | 78                     | 36          | Plug to Plug | 0                      | 0     | Plug to Plug | 0                      | 0         | Plug to Plug | 0                      | 0     |
| Frac Plug          |              | Total Shots            |       | Frac Plug    |                        | Total Shots |              | Frac Plug              |       | Total Shots  |                        | Frac Plug |              | Total Shots            |       |