OIL CONSERVATION

State of New Mexico Energy, Minerals & Natural Resources ARTESIA DISTRICT

Form C-104

DEC 1 2 2018

Submit one copy to appropriate District Office

Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210
District III

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

Oil Conservation Division

| District IV 1220 S. St. Fran | | | | | 20 South St. Santa Fe, N | | | | KEU | EIA | | AMENDED REPORT |
|-----------------------------------|--------------------|--------------------------------|---------------------|-------------|-----------------------------|-----------------------------------|--------------|---|-----------|-----------------|-------------------------|---------------------------------------|
| | I. | REQU | JEST FO | | LOWABLE | | ГНО | RIZAT | TON | TO | TRAN | SPORT |
| Operator n | | Address | | | | | | ² OGRI | | | | |
| COG O ₁ 2208 W | | | | | | | | 3 Reason | n for Fi | iling (| 229137 lode/ Eff | 7 ective Date |
| Artesia, | NM 8 | 3210 | | | | | | 110000 | | | NW | |
| ⁴ API Number 30 – 01: | | | ol Name | Cott | onwood Drav | v: Bone Spri | nσ | | | 6 P | ool Code | 97494 |
| ⁷ Property C | | | operty Nar | | Olivood Diav | , Done Spin | "Б | | | 9 W | Vell Num | |
| 316 | 775 | | | | oad Runner F | ederal Com | | | | | | ЗН |
| II. 10 Sur | rface L Section | | Range | Lot Idn | Feet from the | North/South | Line | Foot from | n the | Foet/ | West line | County |
| N | 25 | 25S | 26E | Lot Iuii | 210 | South | Line | 1995 | | | West | Eddy |
| 11 Bo | ttom H | ole Locat | ion | L | I | 1 | | ı | | | | <u>- l</u> |
| Ul or lot no. | Section 24 | Township 25S | Range 26E | Lot Idn | Feet from the 210 | North/South North | Line | Feet from | | | West line West | |
| 12 Lse Code | | cing Method | | onnection | ¹⁵ C-129 Peri | | 16 (| C-129 Effe | | | | Eddy -129 Expiration Date |
| S | | Code F | D | ate 2/18 | C-125 T CI | int i dinibei | ` | C-127 EIIC | ctive D | att | | 12) Expiration Date |
| III. Oil | and Ga | | | 2/10 | | | | | | | | |
| 18 Transpor | ter | <u>-</u> - | | | 19 Transpoi | | | | | | | ²⁰ O/G/W |
| OGRID | | | | | and Ac | ldress | | | | | | |
| | | | | | AC | CC C | | | | | | О |
| | | | | | | | | | | | . | |
| | | | | | Lucid I | Inoray | | | | | | G |
| | | | | | Ducid 1 | sher gy | | | | | | |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | • | | | | | | |
| IV. Wel | | letion Da 22 Read | | T | ²³ TD (| 24 PBTD | <u> </u> | 25 D o | rforation | one | т— | ²⁶ DHC, MC |
| 5/8/18 | | 9/22 | , | 1 | 17268, /1390 | 17133 | | 1 | 4-1712 | | | DIIC, MC |
| ²⁷ Ho | le Size | | ²⁸ Casin | g & Tubir | | ²⁹ De | pth S | et | | | 30 Sa | cks Cement |
| 17 | 1/2" | | | 13 3/8" | | 2 | 53' | | | | | 350 - Cuc |
| 12 | 1/4" | | | 9 5/8" | | 23 | 375' | | | | | 350 - Cuc 1050 - Cuc 3500 - Cuc |
| 0 ' | 3/4" | | <u>.</u> | 5 1/2" | | 17 | 268, | , <u>, , , , , , , , , , , , , , , , , , </u> | , | | | 3500 |
| | 5/ - | | | 3 1/2 | | | | 17248 | 5 | | | 3300 - CUZ |
| | | | | 2 7/8" | | 67 | <i>'</i> 54' | | | | | |
| V. Well | | | | | | 2/ | | | -36 | | | |
| ³¹ Date New 9/22/18 | | ³² Gas Deli 9/22 | - | | Fest Date 9/22/18 | ³⁴ Test 24 1 | | h | 35 Tbg | g. Pre: 650# | ssure | ³⁶ Csg. Pressure 450# |
| ³⁷ Choke Si 40/64 | ize | ³⁸ C 43 | _ | 39 | Water 2218 | ⁴⁰ C 81 | | | | | | 41 Test Method Flowing |
| ⁴² I hereby cer | | he rules of | the Oil Con | | Division have | | | OIL CO | NSERV. | ATIO | N DIVISI | |
| been complied complete to the | | | | | is true and | | | 0 | | | | |
| la: | _ | ida A | ñ | | | Approved by: | | يه الم | 4 | 4/ | . 7 | |
| Printed name: | man | aa A | very | 1 | | Title: | 9 | Just | 3 1° | ye. | | |
| Amanda Av | ery | | | | | | | Dusi | res | 26 | $\omega \supset \omega$ | Dee A |
| Title: Regulatory | Tech II | | | | | Approval Date | : | | 12- | 20 | -20 /K | |
| E-mail Addres | s: | | | | | | | <u>-</u> | | | 0 | |
| aavery@coi Date: | ncho.cor | | hone: | | | | | ing BLM | | | | |
| 12/4/18 | | | 75-748-69 | 962 | | | | equently canned | be rev | viewe | ed | |
| | | | | | | | niu S | carried | | | | |

MM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DEC 1 2 2018

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

| WELL COMPLETION OR RECOMPLETION REPORT AND RECOMPLETION | AVED |
|---|------|
|---|------|

| | WELL (| COMPL | ETION C | RRE | ECO | MPL | ETIC | ON RE | PORT | AND | のでは | APP | 5. Li | Mase Serial N MNM1129 | No. 107 | |
|------------------------|---|-----------------|-----------------------------------|-------------------|-----------------|-------------|--------------|---------------|-------------------|--|------------------------|--------------------------------------|---------|--------------------------|------------|---|
| la. Type of | _ | Oil Well | Gas \ | Well | 0 1 | Dry | | ther | | | | - | 6. If | Indian, Allo | ottee or | Tribe Name |
| b. Type of | f Completion | Other | ew Well r | □ wo | ork Ov | er | D De | eepen | ☐ Plu | g Back | Diff. | Resvr. | 7. U | nit or CA A | greeme | ent Name and No. |
| 2. Name of COG O | Operator PERATING | LLC | E | -Mail: | aaver | | | | AVER | 1 | | | | ase Name a | | II No. EDERAL COM 3H |
| 3. Address | 2208 W M ARTESIA | | EET | | | | | 3a. | Phone N 575-74 | | e area cod | e) | 9. A | PI Well No. | | 30-015-44862 |
| 4. Location | of Well (Rep | port location | on clearly an 26E Mer NA | d in ac | corda | ice wi | ith Fed | eral requ | uirements | s)* | | | 10. F | rield and Po | ol, or E | Exploratory BONE SPRING |
| At surfa | ice SESW | Lot N 21 | 0FSL 1995 Sec | FWL 3 | 5S R2 | 26E M | 1er NN | 1P | | | | | 11. 5 | ec., T., R., | M., or | Block and Survey 25S R26E Mer NMP |
| At top p | orod interval r Sec depth Lot | 24 T25S | elow SES R26E Mer L 1868FWL | NMP | | | | | | | 04.24856 | 8 W Lon | 12. (| County or Pa | | 13. State |
| 14. Date Sp 05/08/2 | oudded | | 15. Da | ate T.D /04/20 | . Reac | | ., | | 16. Date | e Complet | ed Ready to | Prod. | | Elevations (| DF, KE | 3, RT, GL)* |
| 18. Total D | Depth: | MD TVD | 17268 7300 | 139 | 19. D | Plug | Back T | `.D.: | MD TVD | | '133 860 | 20. Dej | oth Bri | dge Plug Se | | MD TVD |
| 21. Type E | lectric & Oth | er Mechan | nical Logs R | un (Sul | omit c | opy of | f each) | | | | Was | well core DST run? ectional Su | | 🛛 No 🏻 [| 🔲 Yes | (Submit analysis) (Submit analysis) (Submit analysis) |
| 3. Casing ar | nd Liner Reco | ord (Repo | rt all strings | set in v | well) | | | | | | | | · | | | |
| Hole Size | Size/G | rade | Wt. (#/ft.) | To (M | • | | ottom MD) | | Cemente epth | | of Sks. & of Cement | Slurry (BB | | Cement 7 | Гор* | Amount Pulled |
| 17.500 | | 375 J55 | 54.5 | _ | 0 | | 253 | | _ | | 35 | | | | 0 | |
| 12.250 | | 625 J55 | 40.0 | \vdash | 0 | - | 2375 | 1 | | - | 105 | - | | | 0 | |
| 8.750 | 5.50 | 00 P110 | 17.0 | | 0 | | 17248 | 1 | | | 350 | 101 | | | | W |
| | | | | | | | | | | | | | | | | 77 |
| 24 Tubin - | Danand | | | <u> </u> | | <u> </u> | | | | 1 | | | | | | |
| 24. Tubing Size | Depth Set (M | (D) Pa | cker Depth | (MD) | l si | ze | Deni | th Set (M | 4D)] | Packer De | nth (MD) | Size | De | pth Set (MI |)) I | Packer Depth (MD) |
| 2.875 | | 6754 | eker Deptil | 6737 | _ | | Бер | 501 (11 | | ucker De | piii (MD) | J | | p Det (| | Sener Septin (IVIS) |
| 25. Produci | ng Intervals | | | | | | 26. | . Perfora | tion Rec | ord | | | | | | |
| | ormation | - | Тор | 7504 | Во | ttom | _ | P | erforated | Interval | 17400 | Size | 1 | No. Holes | | Perf. Status |
| A) B) | BONE SPI | RING | | 7594 | | 1712 | 23 | | | 7594 TC | 7 1/123 | | + | 1590 | ļ — | |
| C) | | | | | | | | | | | | | | | | M |
| D) | | | | | | | | | | | | | | | | 7 730 |
| | racture, Treat | | nent Squeeze | e, Etc. | | | | | | | 1.T. C | | | | | \0 |
| <u> </u> | Depth Interva | | 23 SEE AT | TACHE | D | | | | A | mount an | d Type of | Material | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 28 Product | ion - Interval | A | | | | | | | | | | | | | | |
| ate First | Test | Hours | Test | Oil | | Gas | | Water | | iravity | Gas | | Product | ion Method | | |
| roduced 09/22/2018 | Date 09/22/2018 | Tested 24 | Production | BBL 432 | 1 | MCF 812 | | BBL 2218.6 | 0 Соп. | API | Grav | ity | | | GAS LI | IFT |
| hoke | Tbg. Press. | Csg. | 24 Hr. | Oil BBL | | Gas MCF | | Water BBL | Gas:0 | | Well | Status | ٠ | | | |
| 40/64 | Flwg. 650 SI | Press. 450.0 | Rate | 43. | | мсғ 81 | | 2218 | Ratio | • | | POW | | | | |
| 28a. Produc | tion - Interva | l B | | | | | ^ | | | | | | _ | nnroval | s Will | _ |
| ate First roduced | Test Date | Hours Tested | Test Production | Oil BBL | | Gas MCF | | Water BBL | Oil C Corr. | iravity API | | nding B | YW s | ipproval be revie | Meq | _ |
| | | | | <u> </u> | | | | | | | .ء – | hseque | ntly | De | | |
| hoke ize | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | | Gas MCF | | Water BBL | Gas:0 Ratio | | اs ا ا | ing scar | ined | | | |
| | l St | | | | | | | | 1 | | , , | | | | | |

| 201 D | J | 1.0 | | | | | | | | | | |
|---|--|-----------------------------|--|---------------------------|-------------------------|---|--------------------------------------|-----------|--|---------------------------------|-----------------|--|
| Date First | duction - Interv | Hours | Test | Oil | Gas | Water | Oil Gravity | Id | | Production Method | | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | | Gravity | Production Method | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | V | Vell Status | | | |
| 28c. Prod | luction - Interv | al D | | | • | | | | | | | • • |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | | ias iravity | Production Method | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | V | Vell Status | | | |
| 29. Dispo | osition of Gas(S | Sold, used f | or fuel, vent | ed, etc.) | 1 | I | | | | | | |
| 30. Sumr | nary of Porous | Zones (Inc | lude Aquife | rs): | | | | | 31. For | mation (Log) Mar | kers | |
| tests, | all important a including deptile coveries. | | | | | | l all drill-stem d shut-in pressu | res | · | | | |
| | Formation | | Тор | Bottom | | Descripti | ons, Contents, e | etc. | | Name | | Тор |
| TOS | | | 302 | | - | | | | то | | | Meas. Depth |
| BOS LMAR BLCN - CYCN - BYCN- BSGL - FBSG - 32. Addit SBSG | Bell Can Chary C Brushy L Bone Sp Sonal remarks (G 6833 G Sand 7218 | (include plus SBSG | 1705 1898 1941 2800 2873 5479 6412 | | | | | | BO LM BLL CY BY BS FB: | S AR CN CN CN GL | | 1705 1898 1941 2800 2873 5479 6412 |
| 33. Circle | e enclosed attac | chments: | | | | | | | | | | <u>-</u> |
| | ectrical/Mecha andry Notice fo | _ | • | • ′ | | Geologie Core An | • | | 3. DST Rep 7 Other: | oort | 4. Direction | al Survey |
| 34 I here | by certify that | the foregoi | ng and attac | hed informs | tion is co | mplete and co | rrect as determi | ned from | all available | records (see attacl | ned instruction | us). |
| J 1 HOTE | er cointy mat | Tolegoi | _ | onic Subm | ission #44 | 16388 Verifie | d by the BLM V LLC, sent to the | Well Info | ormation Sys | · · | monuello | |
| Name | (please print) | <u>AMANDA</u> | AVERY | | | | Title | AUTHO | RIZED REP | RESENTATIVE | | |
| Signa | ture | (Electroni | c Submissi | on) | | | Date | 12/04/20 | 018 | | | - · · · · · · · · · · · · · · · · · · · |
| | | | <u> </u> | | <u> ··</u> | | | | | | | |
| Title 18 U | J.S.C. Section ited States any | 1001 and T false, fictit | itle 43 U.S. ious or frad | C. Section 1 ulent statem | 212, make ents or re | e it a crime fo presentations | r any person kno as to any matter | owingly a | and willfully s jurisdiction | to make to any dep | partment or ag | gency |

Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

| SUNDRY N | OTICES AND REPORTS ON WELLS | |
|-----------------|--|----|
| Do not use this | form for proposals to drill or to re-enter a | n |
| shandoned well | Use form 3160-3 (APD) for such proposa | le |

| SUNDRY I Do not use thi | NOTICES AND REPOR | RTS ON W | enter an | | 5. Lease Serial No. NMNM1129076. If Indian, Allottee of | r Tribe Name | | | |
|---|--|--|--|--|---|--|---|--|--|
| abandoned wel | l. Use form 3160-3 (APE |)) for such p | roposals. | | o. If Indian, Anottee c | THOC Name | | | |
| SUBMIT IN 1 | RIPLICATE - Other instr | ructions on | page 2 | | 7. If Unit or CA/Agree | ement, Name and/or No. | | | |
| Type of Well ☐ Gas Well ☐ Oth | er | | | | 8. Well Name and No. ROAD RUNNER | FEDERAL COM 3H | | | |
| 2. Name of Operator COG OPERATING LLC | Contact: / E-Mail: aavery@co | AMANDA AV | ERY | | 9. API Well No. 30-015-44862 | | | | |
| 3a. Address 2208 W MAIN STREET ARTESIA, NM 88210 | | 3b. Phone No Ph: 575-74 | . (include area code) 8-6940 | | 10. Field and Pool or I | | | | |
| 4. Location of Well (Footage, Sec., T. | , R., M., or Survey Description) | | | Î | 11. County or Parish, | State | | | |
| Sec 25 T25S R26E SESW 210 32.094125 N Lat, 104.248568 | | | | | EDDY COUNTY | ′, NM | | | |
| 12. CHECK THE AP | PROPRIATE BOX(ES) | ΓΟ INDICA | TE NATURE O | F NOTICE, I | REPORT, OR OTH | IER DATA | | | |
| TYPE OF SUBMISSION | TYPE OF SUBMISSION TYPE OF ACTION | | | | | | | | |
| □ Notice of Intent | ☐ Acidize | ☐ Dee | pen | ☐ Production | on (Start/Resume) | ■ Water Shut-Off | | | |
| _ | ☐ Alter Casing | ☐ Hyd | raulic Fracturing | ☐ Reclama | tion | ■ Well Integrity | | | |
| Subsequent Report | □ Casing Repair | □ Nev | Construction | □ Recompl | lete | Other | | | |
| ☐ Final Abandonment Notice | ☐ Change Plans | Plug | and Abandon | ☐ Tempora | rily Abandon | Hydraulic Fracture | ; | | |
| | □ Convert to Injection | Plug | Back | ☐ Water Di | isposal | | | | |
| Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi 7/5/18 Test csg to 8500#. Se 7/31/18 - 8/14/18 Perf and plu | Ily or recomplete horizontally, g k will be performed or provide to operations. If the operation rest andonment Notices must be file nal inspection. | give subsurface he Bond No. or ults in a multiple d only after all | locations and measure file with BLM/BIA e completion or recordequirements, includes the cost to see the cost t | red and true ver Required sub- completion in a na- ling reclamation Good test. | tical depths of all pertin sequent reports must be ew interval, a Form 316 , have been completed a | ent markers and zones. filed within 30 days 0-4 must be filed once and the operator has | | | |
| sand & 16,030,358 gal fluid. 8/17/18 to 8/19/18 Drilled out | | | _ | | | CONSERVATIO SIA DISTRICT | N | | |
| 8/20/18 - 8/21/18 Set 2 7/8" 6. 9/21/18 Begin flowback and te | | kr @ 6,737'. | Installed gas-lift | t system. | DE | C 1 2 2018 | | | |
| 9/22/18 Date of first productio | n. | | | | R | ECEIVED | | | |
| 14. I hereby certify that the foregoing is | Electronic Submission #4 | 46351 verifie PERATING LI | d by the BLM Wel .C, sent to the Ca | I Information arisbad | System | | | | |
| Name (Printed/Typed) AMANDA | AVERY | | Title AUTHO | RIZED REPI | RESENTATIVE | | | | |
| Signature (Electronic S | ubmission) | | Date 12/04/2 | 018 | | | | | |
| | THIS SPACE FO | R FEDERA | | | E | | _ | | |
| | | <u> </u> | | | الند | | | | |
| Approved By | | | Title | | anrovals with | М | | | |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to condu | itable title to those rights in the | not warrant or subject lease | Office per | nding BLM a | pprovals will be reviewed | V | | | |
| Title 18 U.S.C. Section 1001 and Title 43 t States any false, fictitious or fraudulent s | | | rson knowings SV ithin its jurisdic | ind scanned | ار | agency of the United | | | |

Road Runner Federal Com #3H

| | Road Ruiller Fed | erai Com #5n | |
|--------------|-------------------|-----------------|-------------|
| <u>Perfs</u> | 7 1/2% Acid (Gal) | <u>Sand (#)</u> | Fluid (Gal) |
| 1 | 1512 | 360170 | 293202 |
| 2 | 1512 | 362270 | 309330 |
| 3 | 1512 | 360340 | 309498 |
| 4 | 1512 | 361150 | 313446 |
| 5 | 1512 | 359980 | 308994 |
| 6 | 1512 | 360420 | 380688 |
| 7 | 1512 | 360090 | 305159 |
| 8 | 1512 | 360940 | 306293 |
| 9 | 1512 | 360250 | 322812 |
| 10 | 1512 | 359580 | 365639 |
| 11 | 1512 | 361040 | 302807 |
| 12 | 1512 | 361150 | 301560 |
| 13 | 1512 | 360280 | 302988 |
| 14 | 1512 | 359960 | 304206 |
| 15 | 1512 | 361220 | 303773 |
| 16 | 1512 | 362140 | 300174 |
| 17 | 3024 | 359970 | 303072 |
| 18 | 3024 | 360190 | 297780 |
| 19 | 1512 | 360920 | 301182 |
| 20 | 1512 | 360480 | 298788 |
| 21 | 1512 | 360220 | 297024 |
| 22 | 3024 | 360250 | 299628 |
| 23 | 1512 | 359940 | 299208 |
| 24 | 1512 | 360810 | 296646 |
| 25 | 1512 | 360110 | 298746 |
| 26 | 1512 | 360220 | 297906 |
| 27 | 1512 | 359960 | 298074 |
| 28 | 1512 | 361190 | 348390 |
| 29 | 1512 | 360000 | 299796 |
| 30 | 1512 | 360020 | 297318 |
| 31 | 1512 | 361100 | 291690 |
| 32 | 1512 | 360280 | 293580 |
| 33 | 1512 | 360250 | 297389 |
| 34 | 1512 | 360050 | 300594 |
| 35 | 1512 | 360500 | 342930 |
| 36 | 1512 | 360260 | 294756 |
| 37 | 1512 | 360290 | 298998 |
| 38 | 3024 | 360620 | 292362 |
| 39 | 1512 | 360650 | 291228 |
| 40 | 1512 | 360610 | 290514 |
| 41 | 1512 | 360390 | 292698 |
| 42 | 1512 | 359070 | 289800 |
| 43 | 1512 | 361810 | 295134 |
| 44 | 1512 | 360410 | 289800 |
| 45 | 1512 | 360420 | 288708 |
| 46 | 1512 | 362820 | 293244 |
| 47 | 1512 | 360330 | 297066 |
| 48 | 1512 | 359930 | 286944 |
| 49 | 1512 | 361500 | 286566 |
| 50 | 1512 | 360210 | 288078 |
| 51 | 1512 | 360760 | 287322 |
| 52 | 1512 | 360360 | 289758 |
| 53 | 1512 | 362700 | 287070 |
| | | | |

Totals 86,184 19,110,580 16,030,358

| 1 1 | Stage 1 | Distance Between | Shots | Stage 2 | Distance Between | Shots | Stage 3 | Distance Between | Shots | Stage 4 | Distance Between | Shots | Stage 5 | Distance Between | Shots |
|--|--|--|---|---|--|--|---|--|--|--|---|---|--|---|---|
| <u> </u> | 17 122 | Perfs | | 16.020 | Perfs | | 16 752 | Perfs | | 40.570 | Perfs | | 40.400 | Perfs | |
| 1 1 | 17,123 | 23 22 | 4 | 16,930 16,920 | 35 22 | 4 | 16,753 16,740 | 32 22 | 4 | 16,576 16,560 | 26 23 | 4 | 16,400 | 25 26 | 4 |
| From | 17,100 | 23 | 4 | 16,898 | 23 | 4 | 16,718 | 21 | 4 | 16,537 | 22 | 4 | 16,383 16,357 | 27 | 4 |
| Bottom to | 17,055 | 22 | 4 | 16,875 | 22 | 4 | 16,697 | 25 | 4 | 16,515 | 23 | 4 | 16,330 | 18 | 4 |
| Тор | 17,033 | 23 | 4 | 16,853 | 23 | . 4 | 16,672 | | 4 | 16,492 | 22 | 4 | 16,312 | 24 | . 4 |
| 1 1 | 17,010 | 22 | 4 | 16,830 | 22 | 4 | 16,646 | 19 | 4 | 16,470 | 23 | 4 | 16,288 | 21 | 4 |
| [| 16,988 | 23 | 3 | 16,808 | 23 | 3 | 16,627 | 25 | 3 | 16,447 | 22 | 3 | 16,267 | 23 | 3 |
| | 16,965 | | 3 | 16,785 | | 3 | 16,602 | | 3 | 16,425 | | 3 | 16,244 | | 3 |
| | Plug to Plug | 78 | 30 | lug to Plu | 69 | 30 | lug to Plu | 67 | 30 | lug to Plu | 79 | 30 | Plug to Plug | 80 | 30 |
| | Frac Plug | 17,133 | Total Shots | Frac Plug | 16,944 | Total Shots | Frac Plug | 16,764 | Total Shots | Frac Plug | 16,594 | Total Shots | Frac Plug | 16,410 | Total Shots |
| | | | | | - : . | | · | | | | | | | | |
| | Stage 6 | Distance Between | Shots | Stage 7 | Distance Between | Shots | Stage 8 | Distance Between | Shots | Stage 9 | Distance Between | Shots | Stage 10 | Distance Between | Shots |
| | Case o | Perfs | 00.3 | Citago i | Perfs | 0.100 | Cage | Perfs | Ollota | Jungo 3 | Perfs | 311013 | Stage 10 | Perfs | 311013 |
| | 16,222 | 22 | 4 | 16,038 | 26 | 4 | 15,861 | 27 | 4 | 15,628 | 76 | 4 | 15,494 | 30 | 4 |
| | 16,199 | 22 | 4 | 16,019 | 25 | 4 | 15,836 | 20 | 4 | 15,616 | 25 | 4 | 15,472 | 16 | 4 |
| From Bottom to | 16,177 | 23 | 4 | 15,994 | 20 | 4 | 15,816 | 22 | 4 | 15,591 | 11 | 4 | 15,456 | 26 | 4 |
| Top | 16,154 | 22 | 4 | 15,974 | 22 | 4 | 15,794 | 23 | 4 | 15,580 | 12 | 4 | 15,430 | 19 | 4 |
| | 16,132 | 23 | 4 | 15,952 | 23 | 4 | 15,771 | 22 | 4 | 15,568 | 22 | 4 | 15,411 | 23 | 4 |
| 1 1 | 16,109 | 19 | 4 | 15,929 | 22 | 4 | 15,749 | 23 | 4 | 15,546 | 10 | 4 | 15,388 | 22 | 4 |
| 1 1 | 16,090 | 26 | 3 | 15,907 | 19 | 3 | 15,726 | 22 | 3 | 15,536 | 12 | 3 | 15,366 | 23 | 3 |
| | 16,064 | 79 | 30 | 15,888 | 79 | 30 | 15,704 | 70 | 3 30 | 15,524 | . cc | 3 | 15,343 | 75 | 3 |
| L | Plug to Plug Frac Plug | | Total Shots | Plug to Plug Frac Plug | 16,053 | Total Shots | Frac Plug | 79 15,873 | | Plug to Plug Frac Plug | 66 15,646 | 30 Total Shots | Plug to Plug | 75 15,505 | 30 Total Shots |
| ι | . rac riug | 10,233 | . Jiai Jiiok | , rac riug | 10,033 | r July Silve | i i i ac riug | 13,073 | . 361 31100 | i rac riug | 13,040 | , Juli 31100 | I Tav Plug | 13,303 | Julia Silots |
| | Stage 11 | Distance Between | Shots | Stage 12 | Distance Between | Shots | Stage 13 | Distance Between | Shots | Stage 14 | Distance Between | Shots | Stage 15 | Distance Between | Shots |
|] | 45.55 | Perfs | | 45.45- | Perfs | | 4 . 2 | Perfs | | | Perfs | | 4 | Perfs | |
| | 15,321 | 22 22 | 4 | 15,137 | 26 22 | 4 | 14,956 | 27 | 4 | 14,780 | 23 | 4 | 14,590 | 33 | .4 |
| From | 15,298 15,276 | 22 | 4 | 15,118 15,096 | 23 | 4 | 14,933 | 18 | 4 | 14,758 | 19 | 4 | 14,578 | 23 | 4 |
| Bottom to | 15,276 | 22 | 4 | 15,096 | 22 | 4 | 14,915 14,890 | 25 20 | 4 | 14,739 14,713 | 26 25 | 4 | 14,555 14,528 | 27 18 | 4 |
| Top | 15,231 | 23 | 4 | 15,073 | 23 | 4 | 14,870 | 22 | 4 | 14,688 | 20 | 4 | 14,526 | 23 | 4 |
| 1 1 | 15,208 | 18 | 4 | 15,028 | 23 | 4 | 14,848 | 23 | 4 | 14,668 | 23 | 4 | 14,487 | 22 | 4 |
| [} | 15,190 | 27 | 3 | 15,005 | 22 | 3 | 14,825 | 22 | 3 | 14,645 | 22 | 3 | 14,465 | 23 | 3 |
| | 15,163 | | 3 | 14,983 | | 3 | 14,803 | | 3 | 14,623 | | 3 | 14,442 | | 3 |
| | lug to Plus | 79 | 30 | Plug to Plug | 79 | 30 | Plug to Plug | 77 | 30 | Plug to Plug | 78 | 30 | lug to Plu | 73 | 30 |
| | Frac Plug | 15,332 | Total Shots | Frac Plug | 15,152 | Total Shots | Frac Plug | 14,967 | Total Shots | | 14,791 | Total Shots | | 14,601 | Total Shots |
| | | | | | | | | | | | | | | | |
| | | Distance | | | Distance | | | Distance | _ | . : | Distance | | | Distance | |
| | Stage 16 | Between | Shots | Stage 17 | Between | Shots | Stage 18 | Between | Shots | Stage 19 | Between | Shots | Stage 20 | Between | Shots |
| 1 / | 14,420 | Perfs 22 | 4 | 14,235 | Perfs 27 | 4 | 14,062 | Perfs 20 | 4 | 13,875 | Perfs 27 | 4 | 13,702 | Perfs 19 | 4 |
|] | 14,397 | 17 | 4 | 14,212 | 18 | 4 | 14,037 | 27 | 4 | 13,860 | 26 | 4 | 13,676 | 24 | 4 |
| From | 14,380 | 28 | 4 | 14,194 | 22 | 4 | 14,010 | 18 | 4 | 13,834 | 25 | 4 | 13,652 | 21 | 4 |
| Bottom to | 14,352 | 25 | 4 | 14,172 | 23 | | | | | 40.000 | 20 | | | | |
| Тор | 14,327 | | , , | | | 4 | 13,992 | 23 | 4 | 13,809 | 20 | 4 | 13,631 | 22 | 4 |
| | ,02. | 20 | 4 | 14,149 | 22 | 4 | 13,992 13,969 | 23 22 | 4 | 13,809 | 23 | 4 | 13,631 13,609 | 22 23 | |
| 1 1 | 14,307 | | | | | | | | | | | | | | 4 |
| | | 20 | 4 4 3 | 14,149 | 22 | 4 4 3 | 13,969 | 22 | 4 3 | 13,789 | 23 | 4 3 | 13,609 | 23 | 4 |
| | 14,307 14,285 14.262 | 20 22 23 | 4 4 3 3 | 14,149 14,127 14,104 14,082 | 22 23 22 | 4 4 3 3 | 13,969 13,947 13,924 13,902 | 22 23 22 | 4 4 3 3 | 13,789 13,766 13,744 13,721 | 23 22 23 | 4 4 3 3 | 13,609 13,586 13,564 13,541 | 23 22 23 | 4 4 4 3 3 |
| | 14,307 14,285 14.262 Plug to Plus | 20 22 23 79 | 4 4 3 3 3 | 14,149 14,127 14,104 14,082 Plug to Plu | 22 23 22 75 | 4 4 3 3 3 | 13,969 13,947 13,924 13,902 Plug to Plu | 22 23 22 81 | 4 4 3 3 3 | 13,789 13,766 13,744 13,721 Plug to Plus | 23 22 23 76 | 4 4 3 3 3 | 13,609 13,586 13,564 13,541 Plug to Plu | 23 22 23 82 | 4 4 4 3 3 3 |
| | 14,307 14,285 14.262 | 20 22 23 79 | 4 4 3 3 3 | 14,149 14,127 14,104 14,082 | 22 23 22 75 | 4 4 3 3 3 | 13,969 13,947 13,924 13,902 | 22 23 22 81 | 4 4 3 3 3 | 13,789 13,766 13,744 13,721 | 23 22 23 76 | 4 4 3 3 3 | 13,609 13,586 13,564 13,541 | 23 22 23 82 | 4 4 4 3 3 |
| | 14,307 14,285 14.262 Plug to Plus | 20 22 23 79 14,431 | 4 4 3 3 3 | 14,149 14,127 14,104 14,082 Plug to Plu | 22 23 22 75 14,247 | 4 4 3 3 3 | 13,969 13,947 13,924 13,902 Plug to Plu | 22 23 22 81 14,073 | 4 4 3 3 3 | 13,789 13,766 13,744 13,721 Plug to Plus | 23 22 23 76 13,885 | 4 4 3 3 3 | 13,609 13,586 13,564 13,541 Plug to Plu | 23 22 23 82 13,713 | 4 4 4 3 3 3 |
| | 14,307 14,285 14.262 Plug to Plus | 20 22 23 79 | 4 4 3 3 3 | 14,149 14,127 14,104 14,082 Plug to Plu | 22 23 22 75 | 4 4 3 3 3 | 13,969 13,947 13,924 13,902 Plug to Plu | 22 23 22 81 14,073 | 4 4 3 3 3 | 13,789 13,766 13,744 13,721 Plug to Plus Frac Plug | 23 22 23 76 13,885 | 4 4 3 3 3 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug | 23 22 23 82 13,713 | 4 4 4 3 3 3 |
| | 14,307 14,285 14.262 Plug to Plug Frac Plug Stage 21 | 20 22 23 79 14,431 Distance Between Perfs | 4 4 3 3 3 Total Shots | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug | 22 23 22 75 14,247 Distance Between Perfs | 4 4 3 3 3 Total Shots | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 | 22 23 22 81 14,073 Distance Between Perfs | 4 4 3 3 3 Total Shots | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug | 23 22 23 76 13,885 Distance Between Perfs | 4 4 3 3 3 Total Shots | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug | 23 22 23 82 13,713 Distance Between Perfs | 4 4 4 3 3 3 Total Shots |
| | 14,307 14,285 14.262 Plug to Plug Frac Plug Stage 21 13,515 | 20 22 23 79 14,431 Distance Between Perfs 26 | 4 4 3 3 3 Total Shots | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 | 22 23 22 75 14,247 Distance Between Perfs 21 | 4 4 3 3 3 Total Shots | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 | 22 23 22 81 14,073 Distance Between Perfs 33 | 4 4 3 3 3 Total Shots | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 | 23 22 23 76 13,885 Distance Between Perfs 23 | 4 4 3 3 3 Total Shots Shots | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 | 23 22 23 82 13,713 Distance Between Perfs 32 | 4 4 4 3 3 3 Total Shots |
| | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 | 20 22 23 79 14,431 Distance Between Perfs 26 18 | 4 4 3 3 3 30 Total Shots Shots 4 4 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 | 22 23 22 75 14,247 Distance Between Perfs 21 18 | 4 4 3 3 3 30 Total Shots Shots 4 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 | 22 23 22 81 14,073 Distance Between Perfs 33 23 | 4 4 3 3 3 Total Shots Shots 4 4 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 | 23 22 23 76 13,885 Distance Between Perfs 23 23 | 4 4 3 3 3 Total Shots Shots 4 4 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 | 23 22 23 82 13,713 Distance Between Perfs 32 23 | 4 4 4 3 3 30 Total Shots Shots |
| | 14,307 14,285 14.262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 | 4 4 3 3 30 Total Shots Shots 4 4 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 | 4 4 3 3 30 5 Total Shots Shots 4 4 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 | 4 4 3 3 30 Total Shots Shots 4 4 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 | 4 4 3 3 30 Total Shots Shots | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 | 4 4 4 3 3 3 3 3 3 0 Total Shots Shots 4 4 4 |
| From | 14,307 14,285 14.262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 | 4 4 3 3 30 Total Shots Shots 4 4 4 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 | 4 4 3 3 30 5 Total Shots Shots | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 | 4 4 3 3 30 Total Shots Shots 4 4 4 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 | 4 4 3 3 3 30 Total Shots Shots 4 4 4 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 12,725 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 | 4 4 3 3 3 Total Shots Shots 4 4 4 |
| From Bottom to | 14,307 14,285 14.262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,429 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 | 4 4 3 3 30 Total Shots Shots 4 4 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,246 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 | 4 4 3 3 3 30 5 Total Shots Shots 4 4 4 4 4 4 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 13,096 13,068 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 | 4 4 3 3 3 3 3 3 3 3 5 5 5 5 5 5 5 5 5 5 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 | 4 4 3 3 30 Total Shots Shots 4 4 4 4 | 13,609 13,586 13,564 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 12,725 12,708 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 | 4 4 4 3 3 3 3 3 3 0 Total Shots Shots 4 4 4 |
| From Bottom to | 14,307 14,285 14.262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 | 4 4 3 3 3 30 Total Shots Shots 4 4 4 4 4 4 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 | 4 4 3 3 30 5 Total Shots Shots | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 | 4 4 3 3 30 Total Shots Shots 4 4 4 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 | 4 4 3 3 3 30 Total Shots Shots 4 4 4 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 12,725 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 | 4 4 4 3 3 3 30 Total Shots Shots 4 4 4 4 4 4 |
| From Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,496 13,364 13,364 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 22 | 4 4 3 3 3 3 3 0 Fotal Shots 4 4 4 4 4 4 4 4 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,246 13,226 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 | 4 4 3 3 3 3 5 Fotal Shots Shots 4 4 4 4 4 4 4 4 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 13,098 13,068 13,045 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 23 | 4 4 3 3 30 Total Shots Shots 4 4 4 4 4 4 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 23 27 22 | 4 4 3 3 3 30 Total Shots Shots 4 4 4 4 4 | 13,609 13,586 13,564 13,564 13,561 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,725 12,725 12,708 12,685 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 | 4 4 4 3 3 3 30 Total Shots Shots 4 4 4 4 4 4 4 4 |
| From Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,452 13,466 13,384 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 22 | 4 4 3 3 3 3 0 Total Shots 4 4 4 4 4 4 4 4 4 3 3 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,274 13,226 13,203 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 | 4 4 3 3 3 5 Fotal Shots Shots 4 4 4 4 4 4 4 4 4 3 3 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 13,098 13,045 13,023 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 | 4 4 3 3 3 3 0 Total Shots 4 4 4 4 4 4 4 3 3 3 3 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,863 12,843 12,820 Plug to Plu | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 22 23 79 | 4 4 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 12,725 12,708 12,663 12,663 12,640 Plug to Plug | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 | 4 4 4 3 3 3 3 0 Total Shots Shots 4 4 4 4 4 4 4 4 3 3 |
| From Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,496 13,364 13,364 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 22 23 22 23 | 4 4 3 3 3 30 Total Shots 4 4 4 4 4 4 4 4 3 3 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,246 13,203 13,181 Plug to Plu | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 | 4 4 3 3 30 5 Total Shots Shots 4 4 4 4 4 4 3 3 3 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 13,096 13,065 13,045 13,023 13,001 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 | 4 4 3 3 3 3 0 Total Shots 4 4 4 4 4 4 4 3 3 3 3 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 22 23 79 | 4 4 3 3 3 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 12,725 12,708 12,663 12,663 12,640 Plug to Plug | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 | 4 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 |
| From Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,429 13,406 13,364 13,361 Plug to Plug | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between | 4 4 3 3 3 30 Fotal Shots 4 4 4 4 4 4 4 3 3 3 3 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,246 13,203 13,181 Plug to Plu | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 13,350 Distance Between | 4 4 3 3 30 5 Total Shots Shots 4 4 4 4 4 4 3 3 3 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,016 13,068 13,068 13,023 13,001 Plug to Plug | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 21 64 13,160 Distance Between | 4 4 3 3 3 3 0 Total Shots 4 4 4 4 4 4 4 3 3 3 3 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,863 12,843 12,820 Plug to Plu | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 23 18 27 22 23 79 12,989 | 4 4 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 12,725 12,708 12,663 12,663 12,640 Plug to Plug | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between | 4 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 |
| From Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,471 13,451 13,451 13,492 13,406 13,384 13,384 13,819 19,109 109 109 109 109 109 109 109 109 109 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 22 23 75 13,526 | 4 4 3 3 3 3 6 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,246 13,226 13,203 13,181 Plug to Plug | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 13,350 Distance Between Perfs | 4 4 3 3 3 4 4 4 4 4 4 4 4 3 3 3 3 3 3 3 | 13,969 13,947 13,924 13,902 13,902 Stage 23 13,148 13,136 13,056 13,056 13,023 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 04 13,160 Distance Between Perfs | 4 4 3 3 3 0 Total Shots 4 4 4 4 4 4 4 4 3 3 3 3 0 Total Shots | 13,789 13,766 13,741 13,721 lug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 lug to Plug Frac Plug Stage 29 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 22 23 79 12,989 Distance Between Perfs | 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 13,609 13,586 13,564 13,541 13,541 13,541 12,108 12,788 12,763 12,763 12,708 12,663 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs | 4 4 3 3 30 Total Shots Shots 4 4 4 4 4 4 7 3 3 3 3 7 Total Shots |
| From Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,429 13,406 13,384 13,361 Plug to Plug Frac Plug | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs 2.2 | 4 4 3 3 3 4 4 4 4 4 4 4 3 3 3 3 0 Total Shots Shots Shots 4 4 4 4 5 3 3 3 3 0 Total Shots Shots | 14,149 14,127 14,104 14,082 14,082 13,340 13,316 13,293 13,126 13,226 13,203 13,181 Plug to Plug Frac Plug Stage 27 12,436 | 22 23 22 75 14,247 Distance Between 21 18 27 25 20 23 22 79 13,350 Distance Between Perfs | 4 4 3 3 3 4 4 4 4 4 4 4 3 3 3 3 0 Total Shots Shots Shots 4 4 4 4 5 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 | 13,969 13,947 13,924 13,902 13,902 13,148 13,136 13,113 13,008 13,045 13,023 13,001 Plug to Plug Frac Plug Stage 28 12,257 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 Distance Between Perfs 23 23 22 22 22 | 4 4 3 3 3 3 Total Shots 4 4 4 4 4 4 4 3 3 3 3 Total Shots 5 Shots 4 4 4 4 4 5 5 5 7 7 8 7 8 7 8 7 8 7 8 8 7 8 8 7 8 8 7 8 | 13,789 13,766 13,744 13,721 13,721 13,721 Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 Plug to Plug Frac Plug Stage 29 12,068 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 22 23 T9 12,989 Distance Between Perfs 31 | 4 4 3 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 13,609 13,586 13,564 13,554 13,541 13,541 12,763 12,763 12,763 12,763 12,763 12,663 12 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs 22 | 4 4 4 3 3 3 7 Total Shots Shots 4 4 4 4 3 3 3 7 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| From Bottom to Top | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,471 13,451 13,451 13,492 13,406 13,384 13,384 13,819 19,109 109 109 109 109 109 109 109 109 109 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs | 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 14,149 14,127 14,104 14,082 14ug to Pluy Frac Plug Stage 22 13,340 13,316 13,226 13,226 13,226 13,181 13ug to Pluy Frac Plug Stage 27 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 13,350 Distance Between Perfs | 4 4 3 3 30 5 4 4 4 4 4 4 4 3 3 30 Total Shots Shots Shots Shots Shots Shots | 13,969 13,947 13,924 13,902 13,902 Stage 23 13,148 13,136 13,056 13,056 13,023 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 13,003 13,005 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 04 13,160 Distance Between Perfs | 4 4 3 3 3 0 Total Shots 4 4 4 4 4 4 4 3 3 3 3 0 Total Shots | 13,789 13,766 13,741 13,721 lug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 lug to Plug Frac Plug Stage 29 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 22 23 79 12,989 Distance Between Perfs | 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 13,609 13,586 13,564 13,554 13,561 Plug to Plug 12,788 12,763 12,745 12,725 12,708 12,630 12,640 Plug to Plug Stage 30 1,897 11,874 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs | 4 4 4 3 3 3 7 Total Shots 4 4 4 4 4 7 3 3 3 Total Shots 5 Shots |
| From Bottom to Top From Bottom to Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,429 13,361 Plug to Plug Frac Plug Stage 26 12,618 12,595 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs 26 22 23 23 24 25 25 26 26 | 4 4 3 3 3 4 4 4 4 4 4 4 3 3 3 3 0 Total Shots Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,226 13,203 13,181 Plug to Plug Frac Plug | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 13,350 Distance Between Perfs 28 22 | 4 4 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 13,006 13,068 13,045 13,023 13,001 Plug to Plug Frac Plug Stage 28 12,257 12,235 | 22 23 22 81 14,073 Distance Between 23 22 22 22 Distance Between 23 17 28 64 13,160 | 4 4 3 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 | 13,789 13,766 13,744 13,721 13,721 13,721 13,721 12,978 12,956 12,933 12,910 12,822 12,865 12,843 12,820 Plug to Plug Frac Plug Stage 29 12,068 12,049 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 23 18 27 22 23 T29 12,989 | 4 4 3 3 3 0 Fotal Shots 4 4 4 4 4 4 4 3 3 3 3 0 Total Shots Shots Shots Shots | 13,609 13,586 13,564 13,554 13,541 13,541 12,763 12,763 12,763 12,763 12,763 12,663 12,663 12,663 12,663 12,663 12,663 12,663 12,660 12,762 12,758 12,663 12 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs 22 22 | 4 4 4 3 3 3 7 7 7 8 8 8 8 4 4 4 4 4 3 3 3 3 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 |
| From Bottom to Top | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,465 13,384 13,361 Plug to Plug Frac Plug Stage 26 12,618 12,595 12,569 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs 26 19 | 4 4 3 3 3 3 6 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,246 13,226 13,203 13,181 Plug to Plug Stage 27 12,436 12,414 12,392 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 13,350 Distance Between Perfs 28 22 22 | 4 4 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 13,098 13,045 13,001 Plug to Plug Stage 28 12,257 12,235 12,218 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 64 13,160 Distance Between Perfs 23 21 22 22 22 22 23 24 25 26 26 27 28 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20 | 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 13,789 13,766 13,744 13,721 13,721 13,741 13,742 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 12,802 12,802 12,805 12,843 12,820 12,805 12,843 12,820 12,806 12,009 12,008 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 23 18 27 22 23 Distance Between Perfs 31 23 31 23 23 | 4 4 3 3 3 30 Total Shots 4 4 4 4 4 4 4 4 5 3 3 30 Total Shots Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,609 13,586 13,564 13,541 Plug to Pl | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs 22 22 23 | 4 4 4 3 3 3 3 7 Total Shots 4 4 4 4 4 7 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| From Bottom to Top From Bottom to Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,429 13,406 13,384 13,361 Plug to Plug Stage 26 12,618 12,595 12,569 12,550 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs 22 26 19 23 | 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,226 13,203 13,181 Plug to Plug Frac Plug Stage 27 12,436 12,414 12,392 12,370 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 Distance Between Perfs 28 22 22 23 | 4 4 3 3 3 3 30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 13,969 13,947 13,924 13,902 Plug to Plug Frac Plug Stage 23 13,148 13,136 13,113 13,096 13,045 13,001 Plug to Plug Frac Plug Stage 28 12,257 12,235 12,218 12,190 | 22 23 22 81 14,073 Distance Between Perfs 23 22 22 64 13,160 Distance Between Perfs 23 17 28 24 24 | 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 13,789 13,766 13,744 13,721 Plug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 Plug to Plug Frac Plug Stage 29 12,068 12,049 12,026 12,003 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 23 18 27 22 23 Distance Between Perfs 31 23 23 23 24 25 25 26 27 29 20 21 21 22 23 23 23 23 23 23 23 24 25 26 27 29 20 20 20 20 20 20 20 20 20 20 20 20 20 | 4 4 3 3 3 30 Total Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,609 13,586 13,564 13,541 Plug to Plug Frac Plug Stage 25 12,788 12,763 12,740 12,725 12,663 12,663 12,640 Plug to Plug Frac Plug Stage 30 11,897 11,874 11,852 11,829 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs 22 22 23 19 | 4 4 3 3 3 3 7 Total Shots Shots 4 4 4 4 5 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| From Bottom to Top From Bottom to Bottom to | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,496 13,384 13,361 Plug to Plug Stage 26 12,618 12,559 12,559 12,550 12,557 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs 22 26 27 29 20 20 20 20 20 20 20 20 20 20 20 20 20 | 4 4 3 3 3 3 0 Fotal Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 14,149 14,127 14,104 14,027 14,004 14,002 14ug to Pluy Frac Plug Stage 22 13,340 13,316 13,226 13,226 13,226 13,203 13,181 14ug to Pluy Frac Plug Stage 27 12,436 12,414 12,392 12,370 12,347 | 22 23 22 75 14,247 Distance Perfs 21 18 27 25 20 23 22 79 13,350 Distance Perfs 28 22 22 22 23 22 | 4 4 3 3 30 5 Total Shots 4 4 4 4 4 5 3 30 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,969 13,947 13,924 13,922 13,922 13,929 13,929 13,148 13,148 13,143 13,096 13,068 13,045 13,023 13,003 13,001 Plug to Plug Frac Plug Stage 28 12,257 12,238 12,190 12,166 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 22 22 22 C2 C4 13,160 Distance Perfs 23 17 28 24 21 | 4 4 3 3 3 7 Total Shots 4 4 4 4 4 5 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,789 13,766 13,744 13,721 lug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,920 lug to Plug Frac Plug Stage 29 12,068 12,068 12,003 11,984 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 22 23 79 12,989 Distance Between Perfs 31 23 19 24 | 4 4 3 3 3 30 Total Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,609 13,586 13,564 13,541 13,541 13,541 19 to Plug Frac Plug \$tage 25 12,788 12,763 12,763 12,663 13,67 11,874 11,852 11,829 11,810 | 23 22 23 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs 22 22 23 19 26 | 4 4 4 3 3 3 3 7 Total Shots Shots 4 4 4 4 5 3 3 3 Total Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| From Bottom to Top From Bottom to Top | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,429 13,406 13,384 13,361 Plug to Plug Stage 26 12,618 12,595 12,569 12,550 12,550 12,482 12,464 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs 26 19 23 22 26 19 23 21 21 22 23 23 24 25 26 26 26 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20 | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 14,149 14,127 14,104 14,082 14,082 13,340 13,316 13,291 13,246 13,226 13,203 13,181 10ug to Plug Frac Plug Stage 27 12,436 12,414 12,392 12,347 12,325 | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 13,350 Distance Between Perfs 28 22 22 23 22 23 22 23 22 | 4 | 13,969 13,947 13,924 13,902 13,902 13,148 13,136 13,131 13,096 13,068 13,045 13,023 13,003 13,003 13,003 13,003 13,003 13,001 Plug to Plug Frac Plug Stage 28 12,257 12,235 12,218 12,190 12,166 12,145 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 21 Classification Distance Between Perfs 23 17 28 24 21 23 | 4 4 3 3 3 3 Total Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,789 13,766 13,744 13,721 lug to Plug Frac Plug Stage 24 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 lug to Plug Frac Plug Stage 29 12,068 12,049 12,003 11,984 11,960 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 18 27 22 23 79 12,989 Distance Between Perfs 31 23 23 23 19 24 | 4 4 3 3 3 3 0 Total Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,609 13,586 13,564 13,541 13,541 13,541 19 to Pluy Frac Plug 12,788 12,763 12,763 12,663 12,663 12,663 12,663 12,663 12,663 11,897 11,874 11,852 11,829 11,810 11,784 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs 22 22 23 19 19 26 16 | 4 4 4 3 3 3 30 Total Shots 4 4 4 4 5 3 3 30 Total Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| From Bottom to Top From Bottom to Top | 14,307 14,285 14,262 Plug to Plug Frac Plug Stage 21 13,515 13,492 13,474 13,451 13,429 13,406 13,384 13,361 Plug to Plug Stage 26 12,618 12,595 12,569 12,559 12,557 12,482 | 20 22 23 79 14,431 Distance Between Perfs 26 18 23 22 23 75 13,526 Distance Between Perfs 22 26 19 23 22 23 | 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 14,149 14,127 14,104 14,082 Plug to Plug Frac Plug Stage 22 13,340 13,316 13,298 13,271 13,246 13,226 13,203 13,181 Plug to Plug Stage 27 12,436 12,414 12,392 12,370 12,347 12,325 12,302 12,380 Plug to Plu | 22 23 22 75 14,247 Distance Between Perfs 21 18 27 25 20 23 22 79 13,350 Distance Between Perfs 28 22 22 23 22 23 22 23 22 78 | 4 | 13,969 13,947 13,924 13,924 13,924 13,929 13,148 13,136 13,136 13,013 13,001 Plug to Plug Frac Plug Stage 28 12,257 12,235 12,218 12,190 12,166 12,145 12,122 | 22 23 22 81 14,073 Distance Between Perfs 33 23 17 28 23 22 22 21 Classification Distance Between Perfs 23 17 28 24 21 23 | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,789 13,766 13,744 13,721 13,721 13,721 12,978 12,956 12,933 12,910 12,892 12,865 12,843 12,820 Plug to Plug Frac Plug Stage 29 12,068 12,049 12,026 12,036 11,984 11,980 11,984 | 23 22 23 76 13,885 Distance Between Perfs 23 23 23 23 18 27 22 23 79 12,989 Distance Between Perfs 31 23 23 19 24 11 30 | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 13,609 13,586 13,564 13,554 13,554 13,561 13,562 12,763 12,763 12,763 12,763 12,763 12,663 12,663 12,663 12,663 12,663 12,685 12,685 12,685 11,897 11,874 11,852 11,897 11,874 11,852 11,890 11,810 11,768 | 23 22 23 82 13,713 Distance Between Perfs 32 23 15 17 23 22 23 74 12,799 Distance Between Perfs 22 22 23 19 26 16 29 79 | 4 4 4 3 3 3 30 Total Shots 4 4 4 4 3 3 3 7 Shots Shots 4 4 4 4 4 3 3 3 4 4 4 4 4 4 4 4 4 4 4 |

| | Stage 31 | Distance Between | Shots | Stage 32 | Distance Between | Shots | Stage 33 | Distance Between | Shots | Stage 34 | Distance Between | Shots | Stage 35 | Distance Between | Shots |
|---------------------------------------|--|--|---|--|---|---|---|--|--|---|--|---|---|---|--------------------------------------|
| | 11,700 | Perfs 39 | 4 | 11,536 | Perfs 29 | 4 | 11,344 | Perfs 35 | 4 | 11,176 | Perfs 22 | 4 | 10,986 | Perfs 32 | 4 |
| | 11,694 | 23 | 4 | 11,514 | 23 | 4 | 11,323 | 19 | 4 | 11,153 | 22 | 4 | 10,975 | 24 | 4 |
| From | 11,671 | 22 | 4 | 11,491 | 22 | 4 | 11,304 | 23 | 4 | 11,131 | 23 | 4 | 10,951 | 27 | 4 |
| Bottom to | 11,649 | 23 | 4 | 11,469 | 19 | 4 | 11,281 | 21 | 4 | 11,108 | 20 | 4 | 10,924 | 18 | 4 |
| Тор | 11,626 | 22 | 4 | 11,450 | 26 | 4 | 11,260 | 20 | 4 | 11,088 | 25 | 4 | 10,906 | 23 | 4 |
| | 11,604 | 23 | 4 | 11,424 | 24 | 4 | 11,240 | 19 | 4 | 11,063 | 22 | 4 | 10,883 | 23 | 4 |
| | 11,581 | 16 | 3 | 11,400 | 21 | 3 | 11,221 | 23 | 3 | 11,041 | 23 | 3 | 10,860 | 22 | 3 |
| | 11,565 | | 3 | 11,379 | | 3 | 11,198 | | 3 | 11,018 | | 3 | 10.838 | | 3 |
| | Plug to Plug | 62 | 30 | lug to Plu | 79: | 30 | lug to Plu | 76 | 30 | Plug to Plu | 79 | 30 | Plug to Plu | 73 | 30 |
| | Frac Plug | 11,711 | Total Shots | Frac Plug | 11,548 | Total Shots | Frac Plug | 11,357 | Total Shots | Frac Plug | 11,187 | Total Shots | Frac Plug | 10,997 | Total Shot |
| | | | | | | | | | | | | | | | |
| | 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 |
| | 10,815 | 23 | . 4 | 10,633 | 27 | ·4 | 10,450 | 28 | 4 | 10,267 | 30 | 4 | 10,095 | 30 | 4 |
| | 10,793 | 27 | 4 | 10,608 | 20 | 4 | 10,432 | 26 | 4 | 10,254 | 24 | 4 | 10,072 | 22 | 4 |
| From | 10,766 | 18 | 4 | 10,588 | 20 | 4 | 10,406 | 19 | 4 | 10,230 | 18 | 4 | 10,050 | 23 | 4 |
| Bottom to | 10,748 | 23 | 4 | 10,568 | 23 | 4 | 10,387 | 23 | 4 | 10,212 | 27 | 4 | 10,027 | 23 | 4 |
| Тор | 10,725 | 22 | 4 | 10,545 | 22 | 4 | 10,364 | 22 | 4 | 10,185 | 29 | 4 | 10,004 | 22 | 4 |
| | 10,703 | 23 | 4 | 10,523 | 23 | 4 | 10,342 | 22 | 4 | 10,156 | 16 | 4 | 9,982 | 22 . | 4 |
| | 10,680 | 20 | 3 | 10,500 | 22 | 3 | 10,320 | 23 | 3 | 10,140 | 15 | 3 | 9,960 | 23 | 3 |
| | 10,660 | | 3 | 10,478 | | 3 | 10,297 | | 3 | 10,125 | | 3 | 9,937 | | 3 |
| | Plug to Plu | 79 | 30 | Plug to Plu | 76 | 30 | lug to Plu | 79 | 30 | lug to Plu | 66 | 30 | Plug to Plu | 79 | 30 |
| 1 | Frac Plug | 10,827 | Total Shots | Frac Plug | 10,644 | Total Shots | Frac Plug | 10,466 | Total Shots | Frac Plug | 10,278 | Total Shots | Frac Plug | 10,106 | Total Shots |
| | | | | | | | | | , | | | | | | |
| | | Distance | Chasi | 8446 | Distance | | C | Distance | | | Distance | 0 | | Distance | |
| | Stage 41 | Between Perfs | Shots | Stage 42 | Between Perfs | Shots | Stage 43 | Between Perfs | Shots | Stage 44 | Between | Shots | Stage 45 | Between | Shots |
| | 9,909 | 28 | 4 | 9,724 | 33 | 4 | 9,554 | 29 | 4 | 9,360 | Perfs 36 | 4 | 9,193 | Perfs 27 | 4 |
| | 9,890 | 23 | 4 | 9,712 | 23 | 4 | 9,539 | 30 | 4 | 9,344 | 38 | 4 | 9,171 | 23 | 4 |
| From | 9.867 | 20 | 4 | 9,689 | 22 | 4 | 9,509 | 23 | 4 | 9,306 | 22 | 4 | 9,148 | 22 | 4 |
| Bottom to | 9,847 | 23 | 4 | 9,667 | 23 | 4 | 9,486 | 22 | 4 | 9,284 | 23 | 4 | 9,126 | 23 | 4 |
| Тор | 9,824 | 22 | 4 | 9,644 | 19 | 4 | 9,464 | 23 | 4 | 9,261 | 22 | 4 | 9,103 | 22 | 4 |
| | 9,802 | 23 | 4 | 9,625 | 26 | 4 | 9,441 | 22 | 4 | 9,239 | 19 | 3 | 9,081 | 19 | 4 |
| | 9,779 | 22 | 3 | 9,599 | 16 | 3 | 9,419 | 23 | 3 | 9,220 | | 3 | 9,062 | 26 | 3 |
| | | | | | | | | | | | - | | 9,036 | | 3 |
| l | 9,757 | | 3 | 9,583 | | 3 | 9,396 | | 3 | | | | | | |
| | 9,757 Plug to Plu | 79 | 3 30 | 9,583 Plug to Plu | 69 | 3 30 | 9,396 Plug to Plu | 79 | 30 | lug to Plu | 101 | 26 | Plug to Plu | 79 | 30 |
| <u> </u> | | | | Plug to Plu | | | lug to Plu | 79 9,565 | | | | 26 Total Shots | Plug to Plu | 79 9,205 | 30 Total Shots |
| | Plug to Plug | | 30 | Plug to Plu | | 30 | lug to Plu | | 30 | | | | Plug to Plu | _ | _ |
| | Plug to Plug Frac Plug Stage 46 | 9,926 Distance Between Perfs | 30 Total Shots Shots | Plug to Plug Frac Plug Stage 47 | | 30 | lug to Plu Frac Plug | | 30 | | | | Plug to Plu | _ | _ |
| | Frac Plug Stage 46 | 9,926 Distance Between Perfs 25 | 30 Total Shots Shots | Frac Plug Frac Plug Stage 47 8,833 | 9,736 Distance Between Perfs 23 | 30 Total Shots Shots | Frac Plug Frac Plug Stage 48 8,637 | 9,565 Distance Between Perfs 38 | 30 Total Shots Shots | Stage 49 | 9,385 Distance Between Perfs 22 | Total Shots Shots 4 | Frac Plug Frac Plug Stage 50 8,280 | 9,205 Distance Between Perfs 35 | Total Shots Shots 4 |
| Face | Stage 46 9,011 8,991 | 9,926 Distance Between Perfs 25 23 | 30 Total Shots Shots 4 4 | Frac Plug Stage 47 8,833 8,811 | 9,736 Distance Between Perfs 23 21 | 30 Total Shots Shots 4 4 | Frac Plug Stage 48 8,637 8,623 | 9,565 Distance Between Perfs 38 15 | 30 Total Shots Shots 4 4 | Stage 49 8,473 8,450 | 9,385 Distance Between Perfs 22 24 | Shots 4 4 | Frac Plug Frac Plug Stage 50 8,280 8,260 | 9,205 Distance Between Perfs 35 18 | Shots 4 4 |
| From Rattom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 | 9,926 Distance Between Perfs 25 23 22 | 30 Total Shots Shots 4 4 4 | Plug to Plug Frac Plug Stage 47 8,833 8,811 8,790 | 9,736 Distance Between Perfs 23 21 25 | 30 Total Shots Shots 4 4 | Plug to Plug Frac Plug Stage 48 8,637 8,623 8,608 | 9,565 Distance Between Perfs 38 15 23 | 30 Total Shots Shots 4 4 4 | Stage 49 8,473 8,450 8,426 | 9,385 Distance Between Perfs 22 24 21 | Shots 4 4 4 | Plug to Plug Frac Plug Stage 50 8,280 8,260 8,242 | 9,205 Distance Between Perfs 35 18 22 | Shots 4 4 4 |
| Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 | 9,926 Distance Between Perfs 25 23 22 23 | 30 Total Shots Shots 4 4 4 | Stage 47 8,833 8,811 8,790 8,765 | 9,736 Distance Between Perfs 23 21 25 17 | 30 Total Shots Shots 4 4 4 | Plug to Plug Frac Plug Stage 48 8,637 8,623 8,608 8,585 | 9,565 Distance Between Perfs 38 15 23 22 | 30 Total Shots Shots 4 4 4 | Stage 49 8,473 8,450 8,426 8,405 | 9,385 Distance Between Perfs 22 24 21 19 | Shots 4 4 4 4 | Stage 50 8,280 8,260 8,242 8,220 | 9,205 Distance Between Perfs 35 18 22 20 | Shots 4 4 4 4 |
| | Stage 46 9,011 8,991 8,968 8,946 8,923 | 9,926 Distance Between Perfs 25 23 22 23 16 | 30 Total Shots Shots 4 4 4 4 | Stage 47 8.833 8.811 8.790 8,765 8,748 | 9,736 Distance Between Perfs 23 21 25 17 28 | 30 Total Shots Shots 4 4 4 4 | Plug to Plug Frac Plug Stage 48 8,637 8,623 8,608 8,585 8,563 | 9,565 Distance Between Perfs 38 15 23 22 17 | 30 Total Shots Shots 4 4 4 4 | Stage 49 8,473 8,450 8,426 8,405 8,386 | 9,385 Distance Between Perfs 22 24 21 19 26 | Shots 4 4 4 4 4 | Stage 50 8.280 8.260 8.242 8.220 8.200 | 9,205 Distance Between Perfs 35 18 22 20 20 | Shots 4 4 4 4 |
| Bottom to | Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 | 9,926 Distance Between Perfs 25 23 22 23 16 29 | Shots 4 4 4 4 4 4 | Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 | 9,736 Distance Between Perfs 23 21 25 17 28 26 | 30 Total Shots Shots 4 4 4 4 4 | Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 | 9,565 Distance Between Perfs 38 15 23 22 17 28 | 30 Total Shots Shots 4 4 4 4 4 | Stage 49 8,473 8,450 8,426 8,405 8,386 8,360 | 9,385 Distance Between Perfs 22 24 21 19 26 23 | Shots 4 4 4 4 4 4 | Stage 50 8.280 8.260 8.242 8.220 8.200 8,180 | 9,205 Distance Between Perfs 35 18 22 20 20 23 | Shots 4 4 4 4 4 |
| Bottom to | Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 | 9,926 Distance Between Perfs 25 23 22 23 16 | Shots Shots 4 4 4 4 4 3 | Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 | 9,736 Distance Between Perfs 23 21 25 17 28 | Shots Shots 4 4 4 4 4 3 | Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 8,518 | 9,565 Distance Between Perfs 38 15 23 22 17 | Shots 4 4 4 4 4 3 | Stage 49 8,473 8,450 8,426 8,405 8,386 8,360 8,337 | 9,385 Distance Between Perfs 22 24 21 19 26 | Shots 4 4 4 4 4 3 | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 | 9,205 Distance Between Perfs 35 18 22 20 20 | Shots 4 4 4 4 4 3 |
| Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,856 | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 | Shots Shots 4 4 4 4 4 4 3 3 | Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 8.675 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 | 30 Fotal Shots Shots 4 4 4 4 4 4 3 3 | Plug to Plug Frac Plug Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 8,518 8,495 | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 | Shots 4 4 4 4 4 4 3 3 3 | Stage 49 8,473 8,450 8,426 8,405 8,386 8,360 8,337 8,315 | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 | Shots 4 4 4 4 4 3 3 | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 | Shots 4 4 4 4 4 4 3 3 |
| Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,856 Plug to Plug to Plug | 9,926 Distance Between Perfs 25 23 22 23 16 29 29 79 | 30 Total Shots Shots 4 4 4 4 3 3 3 30 | Stage 47 8,833 8,811 8,790 8,765 8,748 8,720 8,694 8,675 Plug to Plug | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 | 30 Total Shots Shots 4 4 4 4 4 4 4 3 3 3 | Stage 48 8,637 8,623 8,608 8,585 8,563 8,563 8,563 8,518 8,495 Plug to Plug to Plug | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 | 30 Total Shots Shots 4 4 4 4 4 3 3 3 30 | Stage 49 8.473 8.450 8.426 8.405 8.386 8.386 8.337 8.315 Plug to Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 | Shots 4 4 4 4 4 3 3 3 30 | Stage 50 8,280 8,280 8,260 8,242 8,220 8,200 8,180 8,157 8,135 | 9,205 Distance Between Perfs 35 18 22 20 20 20 23 22 74 | Shots 4 4 4 4 4 3 3 3 30 |
| Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,856 | 9,926 Distance Between Perfs 25 23 22 23 16 29 29 79 | 30 Total Shots Shots 4 4 4 4 3 3 3 30 | Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 8.675 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 | 30 Fotal Shots Shots 4 4 4 4 4 4 3 3 | Stage 48 8,637 8,623 8,608 8,585 8,563 8,563 8,563 8,518 8,495 Plug to Plug to Plug | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 | Shots 4 4 4 4 4 4 3 3 3 | Stage 49 8.473 8.450 8.426 8.405 8.386 8.386 8.337 8.315 Plug to Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 | Shots 4 4 4 4 4 3 3 3 30 | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 | 9,205 Distance Between Perfs 35 18 22 20 20 20 23 22 74 | Shots 4 4 4 4 4 4 3 3 |
| Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,856 Plug to Plug to Plug | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 25 59,025 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 30 Total Shots Shots 4 4 4 4 3 3 3 30 | Stage 47 8,833 8,811 8,790 8,765 8,748 8,720 8,694 8,675 Plug to Plug | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 8,844 Distance Between Between Between | 30 Total Shots Shots 4 4 4 4 4 4 4 3 3 3 | Stage 48 8,637 8,623 8,608 8,585 8,563 8,563 8,563 8,518 8,495 Plug to Plug to Plug | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 8,648 Distance Between Between | 30 Total Shots Shots 4 4 4 4 4 3 3 3 30 | Stage 49 8.473 8.450 8.426 8.405 8.386 8.386 8.337 8.315 Plug to Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between | Shots 4 4 4 4 4 3 3 3 30 | Stage 50 8,280 8,280 8,260 8,242 8,220 8,200 8,180 8,157 8,135 | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Between | Shots 4 4 4 4 4 3 3 3 30 |
| Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,878 8,878 Plug to Plug Frac Plug | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 79 9,025 . Distance Between Perfs | Shots Shots 4 4 4 4 3 30 Total Shots | Frac Plug Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 Frac Plug to Plug Frac Plug Stage 52 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 8,844 Distance Between Perfs | Shots Shots 4 4 4 4 3 3 30 Total Shots | Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 8,518 8,518 8,540 8,518 8,540 8,518 8,540 8,518 8,540 8,518 | 9,565 Distance Between Perfs 38 15 23 17 28 23 63 8,648 Distance Perfs | Shots Shots 4 4 4 4 3 3 30 Total Shots | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 6,923 8,907 8,878 8,856 Plug to Plug Frac Plug | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 25 59,025 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | Shots Shots 4 4 4 4 4 7 3 3 Total Shots | Frac Plug Frac Plug Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 8.675 Plug to Plug Frac Plug | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 8,844 Distance Between Between Between | Shots Shots 4 4 4 4 4 3 3 7 3 7 Fotal Shots | Stage 48 8.637 8.623 8.698 8.585 8.563 8.546 8.518 8.495 Plug to Plug Stage 53 7.752 | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 8,648 Distance Between Between | Shots Shots 4 4 4 4 4 3 3 3 Total Shots Shots | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Between | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to Top | Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,856 8,823 8,907 8,878 8,856 8,823 8,907 8,878 8,856 8,818 8,818 8,818 8,818 | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 79 9,025 . Distance Between Perfs 23 | Shots Shots 4 4 4 4 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 | Frac Plug Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 8.675 Plug to Plug Stage 52 7.922 | 9,736 Distance Between Perfs 23 21 25 26 19 79 8,844 Distance Between Perfs 33 | Shots Shots 4 4 4 4 4 3 3 3 7 Total Shots | Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 8,518 8,518 8,540 8,518 8,540 8,518 8,540 8,518 8,540 8,518 | 9,565 Distance Between Perfs 38 15 23 17 28 23 63 8,648 Distance Between Perfs 28 | Shots Shots 4 4 4 4 3 3 30 Total Shots | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to Top From Bottom to | Stage 46 9,011 8,991 8,968 8,946 6,923 8,907 8,878 8,856 Plug to Plug Frac Plug Stage 51 8,112 8,090 | 9,926 Distance Between Perfs 25 23 22 23 316 29 22 79 9,025 . Distance Between Perfs 23 22 | 30 Total Shots 4 4 4 4 4 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Frac Plug Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 8.675 Plug to Plug Frac Plug Stage 52 7.922 7.909 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 6,844 Distance Between Perfs 33 22 | Shots Shots 4 4 4 4 4 7 3 3 3 Total Shots Shots Shots | Stage 48 8.637 8.623 8.608 8.585 8.563 8.546 8.518 8.495 Plug to Plug Frac Plug Stage 53 7.752 7.727 | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 63 8,648 Distance Between Perfs 28 21 | Shots 4 4 4 4 4 7 3 3 3 Total Shots Shots Shots | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to Top | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,678 8,856 Plug to Plug Frac Plug Stage 51 8,112 8,090 8,068 | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 79 9,025 . Distance Between Perfs 23 22 23 23 | 30 Total Shots 4 4 4 4 4 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Frac Plug Stage 47 8.833 8.811 8.790 8.748 8.720 8.694 8.675 Plug to Plug Stage 52 7.922 7.909 7.887 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 8,844 Distance Between Perfs 22 22 23 | 30 Total Shots 4 4 4 4 4 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Stage 48 8,637 8,623 8,683 8,585 8,563 8,546 8,518 8,495 Plug to Plu Frac Plug Stage 53 7,752 7,706 | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 8,648 Distance Between Perfs 23 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 30 Total Shots 4 4 4 4 4 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to Top From Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,856 Plug to Plug Frac Plug Stage 51 8,112 8,090 8,068 8,045 | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 79 9,025 Distance Between Perfs 23 22 23 29 | 30 Total Shots Shots 4 4 4 4 4 3 3 3 Total Shote Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Plug to Plug Frac Plug Stage 47 8.833 8.811 8.790 8.765 8.748 8.672 Plug to Plug Frac Plug Stage 52 7.922 7.929 7.887 7.864 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 8,844 Distance Between Perfs 33 22 23 22 | 30 Fotal Shots Shots 4 4 4 4 4 5 3 3 30 Fotal Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 8,518 8,495 Plug to Plug Frac Plug Stage 53 7,752 7,727 7,706 7,684 | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 8,648 Distance Between Perfs 28 21 22 22 22 | 30 Fotal Shots 4 4 4 4 4 5 3 3 30 Fotal Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to Top From Bottom to | Plug to Plug Frac Plug Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,875 Plug to Plug Frac Plug Stage 51 8,112 8,090 8,068 8,045 8,045 | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 79 9,025 . Distance Between Perfs 23 22 23 29 16 | 30 Total Shots 4 4 4 4 4 3 3 30 Total Shots | Frac Plug to Plug Frac Plug Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.697 Plug to Plug Frac Plug Trac Plug Tra | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 8,844 Distance Between Perfs 33 22 19 | 30 Total Shots 4 4 4 4 4 3 3 30 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 8,518 8,518 8,195 Plug to Plug Frac Plug Stage 53 7,752 7,777 7,706 7,684 7,662 | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 63 8,648 Distance Perfs 28 21 22 22 23 | 30 Fotal Shots 4 4 4 4 4 3 3 30 Fotal Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to Top From Bottom to | Stage 46 9,011 8,991 8,968 8,946 8,923 8,907 8,878 8,856 8,112 8,090 8,068 8,045 8,016 8,000 | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 79 9,025 . Distance Between Perfs 23 22 23 29 16 23 29 16 23 29 16 23 22 | 30 Total Shots 4 4 4 4 4 3 3 3 Total Shots Shots | Frac Plug to Plug Frac Plug Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 8.675 Plug to Plug Frac Plug Stage 52 7.909 7.887 7.864 7.842 7.823 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 79 8,844 Distance Between Perfs 33 22 23 21 19 26 | 30 Total Shots 4 4 4 4 4 3 3 3 Total Shots Shots 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | Stage 48 8.637 8.623 8.608 8.585 8.563 8.546 8.518 8.495 Plug to Plug Stage 53 7.752 7.727 7.706 7.684 7.662 7.639 7.617 7.594 | 9,565 Distance Between Perfs 38 15 22 17 28 23 8,648 Distance Between Perfs 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 30 Total Shots 4 4 4 4 4 3 3 3 Total Shots Shots 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Stage 49 8,473 8,450 8,426 8,405 8,386 8,386 8,387 8,315 Plug to Plug Frac Plug | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs | Shots 4 4 4 4 4 4 7 3 3 Total Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs | Shots 4 4 4 4 4 4 3 3 3 Total Shots |
| Bottom to Top From Bottom to | Stage 46 9,011 8,991 8,968 8,946 6,923 8,907 8,878 8,856 Plug to Plug Stage 51 8,112 8,090 6,068 8,046 8,000 7,977 | 9,926 Distance Between Perfs 25 23 22 23 16 29 22 | 30 Total Shots \$\frac{4}{4} \\ 4 \\ 4 \\ 4 \\ 3 \\ 3 \\ 30 Total Shots \$\frac{4}{4} \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ | Stage 47 8.833 8.811 8.790 8.765 8.748 8.720 8.694 8.675 Plug to Plug Stage 52 7.922 7.909 7.887 7.864 7.842 7.823 7.797 | 9,736 Distance Between Perfs 23 21 25 17 28 26 19 | 30 Total Shots 4 4 4 4 4 3 3 3 7 Total Shots Shots 4 4 4 4 3 3 3 3 7 Total Shots | Stage 48 8,637 8,623 8,608 8,585 8,563 8,546 8,518 8,495 Plug to Plug Frac Plug Stage 53 7,752 7,706 7,684 7,662 7,639 7,617 7,594 Plug to Plu | 9,565 Distance Between Perfs 38 15 23 22 17 28 23 8,648 Distance Between Perfs 22 22 22 22 23 22 23 79 | 30 Total Shots 4 4 4 4 4 3 3 3 3 Total Shots Shots 4 4 4 4 3 3 3 3 Total Shots | Stage 49 8,473 8,450 8,426 8,405 8,386 8,360 8,337 8,315 Plug to Plu Frac Plug Stage 54 | 9,385 Distance Between Perfs 22 24 21 19 26 23 22 79 8,484 Distance Between Perfs 7594 | Shots 4 4 4 4 4 4 5 3 3 Total Shots Shots | Stage 50 8.280 8.260 8.242 8.220 8.200 8.180 8.157 8.135 Plug to Plug | 9,205 Distance Between Perfs 35 18 22 20 20 23 22 74 8,294 Distance Between Perfs 0 | Shots 4 4 4 4 4 4 3 3 3 Total Shots |