

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

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

HOBBS OGD

MAY 15 2018

RECEIVED

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address COG Production LLC 2208 W. Main Street Artesia, NM 88210		<sup>2</sup> OGRID Number 217955
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 025-43758	<sup>5</sup> Pool Name WC-025 G-06 S253206M; Bone Spring	<sup>6</sup> Pool Code 97899
<sup>7</sup> Property Code 39881	<sup>8</sup> Property Name Azores Federal	<sup>9</sup> Well Number 9H

II. <sup>10</sup> Surface Location

Ul or lot no. M	Section 29	Township 24S	Range 32E	Lot Idn	Feet from the 210	North/South Line South	Feet from the 460	East/West line West	County Lea
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<sup>11</sup> Bottom Hole Location

Ul or lot no. D	Section 29	Township 24S	Range 32E	Lot Idn	Feet from the 220	North/South Line North	Feet from the 296	East/West line West	County Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 4/21/18	<sup>15</sup> C-129 Permit Number		<sup>16</sup> C-129 Effective Date		<sup>17</sup> C-129 Expiration Date		

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	Alpha Crude Connector Pipeline	O
372422	Lucid Energy Delaware LLC 3100 McKinnon - Ste 800 Dallas, TX 75201	G

IV. Well Completion Data

<sup>21</sup> Spud Date 9/26/17	<sup>22</sup> Ready Date 4/17/18	<sup>23</sup> TD 13390' 9126	<sup>24</sup> PBTD 13762'	<sup>25</sup> Perforations m 9283-13745'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	868'	730		
12 1/4"	9 5/8"	4615'	1300		
8 3/4"	5 1/2"	13832'	2100		
	2 7/8"	8743'			

V. Well Test Data

<sup>31</sup> Date New Oil 4/21/18	<sup>32</sup> Gas Delivery Date 4/21/18	<sup>33</sup> Test Date 4/21/18	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 350#	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size 46/64"	<sup>38</sup> Oil 203	<sup>39</sup> Water 978	<sup>40</sup> Gas 420		<sup>41</sup> Test Method Flowing

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:  
Stormi Davis

Title:  
Regulatory Analyst

E-mail Address:  
sdavis@concho.com

Date:  
5/14/18

Phone:  
575-748-6946

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2****HOBBS OCD****MAY 15 2018****RECEIVED**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator COG PRODUCTION LLC Contact: STORMI DAVIS E-Mail: sdavis@concho.com	3a. Address 2208 WEST MAIN ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946	5. Lease Serial No. NMNM120908	6. If Indian, Allottee or Tribe Name	7. If Unit or CA/Agreement, Name and/or No.	8. Well Name and No. AZORES FEDERAL 9H	9. API Well No. 30-025-43758	10. Field and Pool or Exploratory Area WILDCAT; BONE SPRING	11. County or Parish, State LEA COUNTY, NM
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**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/25/17 to 11/10/17 Test csg to 8500# for 30 mins. Good test. Drilled cmt, FC, FS and new formation to 13390'. Ran CBL. TOC @ 5686'. Set CBP @ 13762'. Test csg to 8522#. Good test. Perf 13735-13745' (60). Injection test.  
3/28/18 to 4/5/18 Perforate 9283-13689' (900). Acdz w/93,786 gal 7 1/2% acid; frac w/8,958,244# sand & 8,949,780 gal fluid.

4/14/18 to 4/16/18 Drilled out all frac plugs and clean down to CBP @ 13762'.  
4/17/18 Set 2 7/8" 6.5# L-80 tbg @ 8743' & pkr @ 8726'. Installed gas-lift system.

4/21/18 Began flowing back & testing. Date of first production.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #419955 verified by the BLM Well Information System For COG PRODUCTION LLC, sent to the Hobbs</b>	
Name (Printed/Typed) STORMI DAVIS	Title PREPARER
Signature (Electronic Submission)	Date 05/14/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

*Pending BLM approvals will  
subsequently be reviewed  
and scanned*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator COG PRODUCTION LLC Contact: STORMI DAVIS  
E-Mail: sdavis@concho.com

3. Address 2208 WEST MAIN ARTESIA, NM 88210 3a. Phone No. (include area code) Ph: 575-748-6946

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 29 T24S R32E Mer NMP  
At surface SWSW 210FSL 460FWL  
At top prod interval reported below Sec 29 T24S R32E Mer NMP  
At total depth NWNW 220FNL 296FWL

5. Lease Serial No. NMNM120908

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. AZORES FEDERAL 9H

9. API Well No. 30-025-43758

10. Field and Pool, or Exploratory WILDCAT; BONE SPRING

11. Sec., T., R., M., or Block and Survey or Area Sec 29 T24S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 09/26/2017 15. Date T.D. Reached 10/18/2017 16. Date Completed ☐ D & A ☒ Ready to Prod. 04/17/2018

17. Elevations (DF, KB, RT, GL)\* 3501 GL

18. Total Depth: MD 13390 TVD 9126 19. Plug Back T.D.: MD 13762 TVD 9127 20. Depth Bridge Plug Set: MD 13762 TVD 9127

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	868		730		0	
12.250	9.625 L80	40.0	0	4615		1300		0	
8.750	5.500 P110	17.0	0	13832		2100		5686	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8743	8726						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9283	13745	9283 TO 13689	0.430	900	OPEN
B)			13735 TO 13745		60	OPEN
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9283 TO 13689	SEE ATTACHED

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/21/2018	04/21/2018	24	→	203.0	420.0	978.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
46/64	350		→	203	420	978		POW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will  
subsequently be reviewed  
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #419984 VERIFIED BY THE BLM WELL INFORMATION SY

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
LAMAR	4579	4603		RUSTLER	722
BELL CANYON	4604	5522		TOS	1054
CHERRY CANYON	5523	6863		BOS	4351
BRUSHY CANYON	6864	8459		LAMAR	4579
BONE SPRING LM	8460	9180		BELL CANYON	4604
				CHERRY CANYON	5523
				BRUSHY CANYON	6864
				BONE SPRING LM	8460

32. Additional remarks (include plugging procedure):  
Survey and Perfs/Stimulation are attached.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #419984 Verified by the BLM Well Information System.  
For COG PRODUCTION LLC, sent to the Hobbs**

Name (please print) STORMI DAVIS Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 05/14/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**AZORES FEDERAL #9H (30-025-43758)****7 1/2% Acid**

<u>Perfs</u>	<u>(Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	5586	290758	374808
2	3024	301783	300426
3	3024	300015	297654
4	3024	300728	301644
5	3024	244550	276276
6	3024	301056	295932
7	3024	300042	293706
8	3024	299714	299376
9	3024	301591	326970
10	3066	299372	315084
11	3066	301270	296562
12	3024	300773	290388
13	3066	299135	295050
14	3024	300930	293118
15	3066	299961	290934
16	3150	300820	295596
17	3066	300983	294714
18	3024	297978	290136
19	3024	300917	291396
20	3066	302060	298452
21	3024	301336	292908
22	3150	300651	302946
23	3024	299833	289170
24	3024	300633	292740
25	3024	300331	294630
26	2940	300645	291102
27	3066	301447	291270
28	3066	300328	290850
29	3024	303275	293076
30	3024	305329	292866
<b>Totals</b>	<b>93,786</b>	<b>8,958,244</b>	<b>8,949,780</b>

**HOBBS OCD**  
**MAY 15 2018**  
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From Bottom to Top	Stage 1	Distance Between Perfs	Shots	Stage 2	Distance Between Perfs	Shots	Stage 3	Distance Between Perfs	Shots	Stage 4	Distance Between Perfs	Shots	Stage 5	Distance Between Perfs	Shots
	13,687	10	4	13,541	25	4	13,398	18	4	13,246	25	4	13,101	18	4
	13,677	19	4	13,525	15	4	13,383	20	4	13,231	16	4	13,086	19	4
	13,658	18	4	13,510	18	4	13,363	19	4	13,215	18	4	13,067	18	4
	13,640	19	4	13,492	19	4	13,344	18	4	13,197	19	4	13,049	19	4
	13,621	18	4	13,473	18	4	13,328		4	13,178	18	4	13,030	18	4
	13,603	22	4	13,455	18	4	13,307	18	4	13,160	19	4	13,012	19	4
	13,581	15	3	13,437	21	3	13,289	18	3	13,141	22	3	12,993	18	3
	13,566		3	13,416		3	13,271		3	13,119		3	12,975		3
	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug	#VALUE!	30	Plug to Plug		30
	Frac Plug	13,695	Total Shots	Frac Plug	13,556	Total Shots	Frac Plug	13,406	Total Shots	Frac Plug	13,261	Total Shots	Frac Plug	13,109	Total Shots

From Bottom to Top	Stage 6	Distance Between Perfs	Shots	Stage 7	Distance Between Perfs	Shots	Stage 8	Distance Between Perfs	Shots	Stage 9	Distance Between Perfs	Shots	Stage 10	Distance Between Perfs	Shots
	12,942	33	4	12,809	18	4	12,657	23	4	12,514	18	4	12,362	18	4
	12,930	20	4	12,795	23	4	12,643	16	4	12,495	18	4	12,347	18	4
	12,910	9	4	12,772	18	4	12,627	21	4	12,477	21	4	12,329	18	4
	12,901	15	4	12,754	19	4	12,606	19	4	12,458	16	4	12,311	21	4
	12,886	22	4	12,735	18	4	12,587	18	4	12,440	19	4	12,290	16	4
	12,864	18	4	12,717	19	4	12,569	19	4	12,421	18	4	12,274	17	4
	12,846	19	3	12,698	18	3	12,550	18	3	12,403	23	3	12,257	20	3
	12,827		3	12,680		3	12,532		3	12,380		3	12,237		3
	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30
	Frac Plug	12,950	Total Shots	Frac Plug	12,817	Total Shots	Frac Plug	12,670	Total Shots	Frac Plug	12,522	Total Shots	Frac Plug	12,370	Total Shots

From Bottom to Top	Stage 11	Distance Between Perfs	Shots	Stage 12	Distance Between Perfs	Shots	Stage 13	Distance Between Perfs	Shots	Stage 14	Distance Between Perfs	Shots	Stage 15	Distance Between Perfs	Shots
	12,219	18	4	12,066	23	4	11,927	18	4	11,773	18	4	11,635	18	4
	12,200	19	4	12,052	18	4	11,904	18	4	11,757	19	4	11,609	25	4
	12,181	18	4	12,034	19	4	11,886	19	4	11,738	18	4	11,584	12	4
	12,163	19	4	12,015	18	4	11,867	18	4	11,720	19	4	11,572	18	4
	12,144	14	4	11,997	19	4	11,849	18	4	11,701	18	4	11,554	19	4
	12,130	23	4	11,978	20	4	11,831	19	4	11,683	19	4	11,535	18	4
	12,107	18	3	11,958	13	3	11,812	21	3	11,664	11	3	11,517	20	3
	12,089		3	11,945		3	11,791		3	11,653		3	11,497		3
	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30
	Frac Plug	12,227	Total Shots	Frac Plug	12,074	Total Shots	Frac Plug	11,935	Total Shots	Frac Plug	11,781	Total Shots	Frac Plug	11,643	Total Shots

From Bottom to Top	Stage 16	Distance Between Perfs	Shots	Stage 17	Distance Between Perfs	Shots	Stage 18	Distance Between Perfs	Shots	Stage 19	Distance Between Perfs	Shots	Stage 20	Distance Between Perfs	Shots
	11,479	18	4	11,328	23	4	11,184	18	4	11,034	25	4	10,890	17	4
	11,459	16	4	11,314	18	4	11,160	12	4	11,018	17	4	10,876	24	4
	11,443	19	4	11,296	19	4	11,148	18	4	11,001	20	4	10,852	15	4
	11,424	18	4	11,277	19	4	11,130	19	4	10,981	18	4	10,837	22	4
	11,406	18	4	11,258	18	4	11,111	19	4	10,963	19	4	10,815	18	4
	11,388	19	4	11,240	19	4	11,092	18	4	10,944	18	4	10,787	19	4
	11,369	18	3	11,221	19	3	11,074	15	3	10,926	19	3	10,778	12	3
	11,351		3	11,202		3	11,059		3	10,907		3	10,766		3
	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30
	Frac Plug	11,487	Total Shots	Frac Plug	11,341	Total Shots	Frac Plug	11,192	Total Shots	Frac Plug	11,049	Total Shots	Frac Plug	10,898	Total Shots

From Bottom to Top	Stage 21	Distance Between Perfs	Shots	Stage 22	Distance Between Perfs	Shots	Stage 23	Distance Between Perfs	Shots	Stage 24	Distance Between Perfs	Shots	Stage 25	Distance Between Perfs	Shots
	10,741	25	4	10,594	18	4	10,452	18	4	10,299	18	4	10,137	-19	4
	10,723	14	4	10,577	20	4	10,428	17	4	10,283	22	4	10,127	10	4
	10,709	23	4	10,557	19	4	10,411	20	4	10,261	18	4	10,117	22	4
	10,686	18	4	10,538	18	4	10,391	19	4	10,243	18	4	10,095	18	4
	10,668	19	4	10,520	19	4	10,372	18	4	10,225	19	4	10,077	19	4
	10,649	18	4	10,501	18	4	10,354	19	4	10,206	88	4	10,058	18	4
	10,631	19	3	10,483	13	3	10,335	18	3	10,118	-51	3	10,040	19	3
	10,612		3	10,470		3	10,317		3	10,169		3	10,021		3
	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30
	Frac Plug	10,756	Total Shots	Frac Plug	10,602	Total Shots	Frac Plug	10,460	Total Shots	Frac Plug	10,307	Total Shots	Frac Plug	10,145	Total Shots

From Bottom to Top	Stage 26	Distance Between Perfs	Shots	Stage 27	Distance Between Perfs	Shots	Stage 28	Distance Between Perfs	Shots	Stage 29	Distance Between Perfs	Shots	Stage 30	Distance Between Perfs	Shots
	10,003	18	4	9,846	28	4	9,709	17	4	9,559	24	4	9,413	18	4
	9,983	17	4	9,837	19	4	9,688	17	4	9,542	19	4	9,394	15	4
	9,966	15	4	9,818	18	4	9,671	20	4	9,523	-72	4	9,379	22	4
	9,951	22	4	9,800	23	4	9,651	17	4	9,505	109	4	9,357	19	4
	9,929	18	4	9,777	14	4	9,634	19	4	9,486	18	4	9,338	18	4
	9,911	19	4	9,763	18	4	9,615	18	4	9,468	19	4	9,320	18	4
	9,892	18	3	9,745	19	3	9,597	14	3	9,449	18	3	9,302	19	3
	9,874		3	9,726		3	9,583		3	9,431		3	9,283		3
	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30	Plug to Plug		30
	Frac Plug	10,011	Total Shots	Frac Plug	9,854	Total Shots	Frac Plug	9,717	Total Shots	Frac Plug	9,567	Total Shots	Frac Plug	9,421	Total Shots