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

HOBBS OCD
JAN 13 2017
RECEIVED

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
COG Operating LLC 2208 W. Main Street Artesia, NM 88210	229137
	[3] Reason for Filing Code/ Effective Date NW

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025-41476	Lusk; Bone Spring, North	41450

[7] Property Code	[8] Property Name	[9] Well Number
40109	King Air 8 Federal Com	3H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	17	19S	32E		410	North	1960	West	Lea

[11] Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	5	19S	32E		2433	South	2278	West	Lea

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	P	11/29/16			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
16696	Oxy USA Inc PO Box 4294 Houston, TX 77210	O
221115	Frontier Field Services, LLC 4200 E. Skelly Drive – Ste 700 Tulsa, OK 74135-3256	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
9/3/16	11/14/16	17220'	17130'	9829-17115'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2"	13 3/8"	890'	800
12 1/4"	9 5/8"	4570'	1950
8 3/4"	5 1/2"	17197'	3300
	2 7/8"	8904'	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
11/29/16	11/29/16	12/18/16	24 Hrs	240#	150#

[37] Choke Size	[38] Oil	[39] Water	[40] Gas		[41] Test Method
	310	2831	227		Pumping

[42] 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: Stormi Davis

Printed name: Stormi Davis

Title: Regulatory Analyst

E-mail Address: sdavis@concho.com

Date: 1/10/17

Phone: 575-748-6946

OIL CONSERVATION DIVISION

Approved by:

Title: Petroleum Engineer

Approval Date: 01/17/17

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
JAN 13 2017
RECEIVED

FORM 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

5. Lease Serial No.
NMNM95641

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
KING AIR 8 FEDERAL COM 3H

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

9. API Well No.
30-025-41476

3a. Address
2208 WEST MAIN
ARTESIA, NM 88210

3b. Phone No. (include area code)
Ph: 575-748-6946

10. Field and Pool or Exploratory Area
LUSK; BONE SPRING NORTH

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T19S R32E Mer NMP NENW 410FNL 1960FWL

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.

10/24/16 to 10/26/16 Test csg to 8500# for 15 mins. Good test. Drilled FC, FS & 5' new formation. Perform injection test.

11/1/16 to 11/14/16 Set CBP @ 17130'. Test to 7556#. Perforate 17105-17115' (60). Injection test. Perforate 9829-17055' (2112). Acdz w/146,643 gal 7 1/2% acid. Frac w/11,317,880# sand & 11,894,315 gal fluid.

11/28/16 Began flowing back & testing.

11/29/16 Date of first production.

12/5/16 to 12/11/16 Drill out all frac plugs & clean down to CBP @ 17130'.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #363390 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name *(Printed/Typed)* STORMI DAVIS — Title PREPARER

Signature (Electronic Submission) — Date 01/10/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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

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.

(Instructions on page 2)

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

Additional data for EC transaction #363390 that would not fit on the form

32. Additional remarks, continued

12/12/16 to 12/17/16 Set 2 7/8" 6.5# L-80 tbg @ 8904'. Placed well on pump.

Form 3160-4
(August 2007)

HOBBS OCD
JAN 13 2017
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No. NMNM95641

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.: KING AIR 8 FEDERAL COM 3H

3. Address: 2208 WEST MAIN, ARTESIA, NM 88210

3a. Phone No. (include area code): Ph: 575-748-6946

9. API Well No.: 30-025-41476

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 17 T19S R32E Mer NMP NENW 410FNL 1960FWL
At top prod interval reported below: Sec 5 T19S R32E Mer NMP
At total depth: NESW 2433FSL 2278FWL

10. Field and Pool, or Exploratory: LUSK; BONE SPRING, NORTH

11. Sec., T., R., M., or Block and Survey or Area: Sec 17 T19S R32E Mer NMP

12. County or Parish: LEA

13. State: NM

14. Date Spudded: 09/03/2016

15. Date T.D. Reached: 10/06/2016

16. Date Completed: ☐ D & A ☒ Ready to Prod. 11/14/2016

17. Elevations (DF, KB, RT, GL)*: 3609 GL

18. Total Depth: MD 17220 TVD 9298

19. Plug Back T.D.: MD 17130 TVD 9299

20. Depth Bridge Plug Set: MD 17130 TVD 9299

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	890		800		0	
12.250	9.625 J55	40.0	0	4570	2875	1950		0	
8.750	5.500 P110	17.0	0	17197		3300		0	

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	8904							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	9829	17115	9829 TO 17055	0.430	2112	OPEN
B)				17105 TO 17115		60	OPEN
C)							
D)							

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

Depth Interval	Amount and Type of Material
9829 TO 17055	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
11/29/2016	12/18/2016	24	→	310.0	227.0	2831.0			ELECTRIC PUMP SUB-SURFACE

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	240	150.0	→	310	227	2831		POW

28a. Production - Interval B

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
			→					

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

ELECTRONIC SUBMISSION #363401 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** 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
CHERRY CANYON	4650	7070		RUSTLER	912
BONE SPRING LM	7071	8373		TOS	990
1ST BONE SPRING	8374	9131		BOS	2429
2ND BONE SPRING	9132	9321		YATES	2688
				SEVEN RIVERS	2898
				CAPITAN	2991
				CHERRY CANYON	4650
				BONE SPRING LM	7071

32. Additional remarks (include plugging procedure):
Surveys, perfs & stimulation are attached.

Additional Tops:
1st Bone Spring: 8374'
2nd Bone Spring: 9132

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 #363401 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name *(please print)* STORMI DAVIS Title PREPARER

Signature (Electronic Submission) Date 01/10/2017

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

KING AIR 8 FEDERAL COM #3H (30-025-41476)

Perfs	7 1/2% Acid (Gal)	Sand (#)	Fluid (Gal)
1	4024	229300	284836
2	3528	239260	245868
3	3024	236060	264180
4	3024	238130	254352
5	3024	238640	265272
6	3024	237660	263760
7	3024	241100	260988
8	3024	241020	260064
9	3024	239910	256830
10	3024	240730	254856
11	3024	237190	252378
12	3024	248640	264390
13	3024	228180	247590
14	3024	241280	253806
15	3024	241960	254016
16	3024	237080	250824
17	3024	237310	248850
18	3024	234180	246204
19	3024	233260	245322
20	3024	238350	246624
21	3024	244900	251454
22	3024	243570	259874
23	3024	242610	246162
24	3024	239420	247716
25	3024	241340	249102
26	3024	237340	264264
27	3024	241910	251580
28	3024	239300	246876
29	3024	241110	245364
30	3024	234620	243684
31	3024	239130	246120
32	3024	232000	240030
33	3024	231050	238980
34	3024	230880	234234
35	3024	231540	236670
36	3024	230520	234696
37	3024	231610	234360
38	3024	220590	232470
39	3024	232470	229572
40	3024	230030	234612
41	3024	242550	287868
42	3024	232240	231924
43	3024	229800	230454
44	3024	224970	231168
45	3012	229080	235356
46	3024	228770	229908
47	3024	232210	230496
48	3024	223080	228312
Totals	**146643**	**11317880**	**11894315**

King Air 8 Federal Com #3H

30-025-41476

	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
From Bottom to Top	17,055	38	14	16,904	38	14	16,752	38	14	16,601	45	14	16,450	38	14
	17,017	38	12	16,862	37	12	16,715	38	12	16,563	38	12	16,412	38	12
	16,979	37	10	16,825	35	10	16,677	31	10	16,525	37	10	16,374	38	10
	16,942		8	16,790		8	16,646		8	16,488		8	16,336		8
	Plug to Plug	150	44	Plug to Plug	154	44	Plug to Plug	143	44	Plug to Plug	159	44	Plug to Plug	152	44
	Frac Plug	17,075	Total Shots	Frac Plug	16,925	Total Shots	Frac Plug	16,771	Total Shots	Frac Plug	16,628	Total Shots	Frac Plug	16,469	Total Shots

	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
From Bottom to Top	16,298	38	14	16,147	38	14	15,996	38	14	15,844	38	14	15,693	38	14
	16,261	41	12	16,113	42	12	15,958	38	12	15,807	38	12	15,655	38	12
	16,220	35	10	16,071	37	10	15,920	38	10	15,769	38	10	15,617	37	10
	16,185		8	16,034		8	15,882		8	15,731		8	15,580		8
	Plug to Plug	151	44	Plug to Plug	151	44	Plug to Plug	152	44	Plug to Plug	151	44	Plug to Plug	151	44
	Frac Plug	16,317	Total Shots	Frac Plug	16,166	Total Shots	Frac Plug	16,015	Total Shots	Frac Plug	15,863	Total Shots	Frac Plug	15,712	Total Shots

	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
From Bottom to Top	15,542	38	14	15,392	36	14	15,229	48	14	15,088	38	14	14,936	38	14
	15,504	38	12	15,353	38	12	15,201	38	12	15,053	41	12	14,899	38	12
	15,466	38	10	15,315	38	10	15,163	37	10	15,012	38	10	14,861	38	10
	15,428		8	15,277		8	15,126		8	14,974		8	14,823		8
	Plug to Plug	152	44	Plug to Plug	159	44	Plug to Plug	143	44	Plug to Plug	152	44	Plug to Plug	151	44
	Frac Plug	15,561	Total Shots	Frac Plug	15,409	Total Shots	Frac Plug	15,250	Total Shots	Frac Plug	15,107	Total Shots	Frac Plug	14,955	Total Shots

	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
From Bottom to Top	14,785	38	14	14,634	38	14	14,482	38	14	14,331	38	14	14,180	38	14
	14,742	33	12	14,596	38	12	14,443	33	12	14,293	38	12	14,142	42	12
	14,709	37	10	14,558	38	10	14,410	41	10	14,255	37	10	14,100	34	10
	14,672		8	14,520		8	14,369		8	14,218		8	14,066		8
	Plug to Plug	154	44	Plug to Plug	149	44	Plug to Plug	151	44	Plug to Plug	161	44	Plug to Plug	142	44
	Frac Plug	14,804	Total Shots	Frac Plug	14,650	Total Shots	Frac Plug	14,501	Total Shots	Frac Plug	14,350	Total Shots	Frac Plug	14,189	Total Shots

	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
From Bottom to Top	14,028	38	14	13,877	38	14	13,726	39	14	13,574	38	14	13,417	42	14
	13,991	38	12	13,839	40	12	13,688	38	12	13,537	38	12	13,385	38	12
	13,953	38	10	13,799	34	10	13,650	38	10	13,499	40	10	13,347	37	10
	13,915		8	13,765		8	13,612		8	13,459		8	13,310		8
	Plug to Plug	147	44	Plug to Plug	155	44	Plug to Plug	161	44	Plug to Plug	142	44	Plug to Plug	161	44
	Frac Plug	14,047	Total Shots	Frac Plug	13,900	Total Shots	Frac Plug	13,745	Total Shots	Frac Plug	13,584	Total Shots	Frac Plug	13,442	Total Shot

	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
From Bottom to Top	13,272	38	14	13,117	41	14	12,969	38	14	12,818	38	14	12,666	38	14
	13,234	38	12	13,085	40	12	12,931	38	12	12,775	32	12	12,629	38	12
	13,196	38	10	13,045	38	10	12,893	37	10	12,743	39	10	12,591	38	10
	13,158		8	13,007		8	12,856		8	12,704		8	12,553		8
	Plug to Plug	142	44	Plug to Plug	155	44	Plug to Plug	147	44	Plug to Plug	152	44	Plug to Plug	151	44
	Frac Plug	13,281	Total Shots	Frac Plug	13,139	Total Shots	Frac Plug	12,984	Total Shots	Frac Plug	12,837	Total Shots	Frac Plug	12,685	Total Sh

	Stage 31	Distance Between Perfs	Shots	Stage 32	Distance Between Perfs	Shots	Stage 33	Distance Between Perfs	Shots	Stage 34	Distance Between Perfs	Shots	Stage 35	Distance Between Perfs	Shots
	12,515	38	14	12,364	38	14	12,212	38	14	12,061	44	14	11,910	38	14
From Bottom to Top	12,477	36	12	12,326	38	12	12,175	38	12	12,023	38	12	11,872	38	12
	12,441	39	10	12,288	38	10	12,137	32	10	11,985	37	10	11,834	38	10
	12,402		8	12,250		8	12,105		8	11,948		8	11,796		8
	Plug to Plug	151	44	Plug to Plug	148	44	Plug to Plug	155	44	Plug to Plug	162	44	Plug to Plug	141	44
	Frac Plug	12,534	Total Shots	Frac Plug	12,383	Total Shots	Frac Plug	12,235	Total Shots	Frac Plug	12,080	Total Shots	Frac Plug	11,918	Total Shots

	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
	11,755	41	14	11,607	38	14	11,453	41	14	11,304	38	14	11,153	38	14
From Bottom to Top	11,721	38	12	11,569	38	12	11,418	38	12	11,267	38	12	11,113	34	12
	11,683	38	10	11,531	37	10	11,380	38	10	11,229	38	10	11,079	39	10
	11,645		8	11,494		8	11,342		8	11,191		8	11,040		8
	Plug to Plug	157	44	Plug to Plug	145	44	Plug to Plug	157	44	Plug to Plug	146	44	Plug to Plug	151	44
	Frac Plug	11,777	Total Shots	Frac Plug	11,620	Total Shots	Frac Plug	11,475	Total Shots	Frac Plug	11,318	Total Shots	Frac Plug	11,172	Total Shots

	Stage 41	Distance Between Perfs	Shots	Stage 42	Distance Between Perfs	Shots	Stage 43	Distance Between Perfs	Shots	Stage 44	Distance Between Perfs	Shots	Stage 45	Distance Between Perfs	Shots
	11,002	38	14	10,850	38	14	10,699	38	14	10,548	38	14	10,396	33	14
From Bottom to Top	10,964	38	12	10,809	32	12	10,661	38	12	10,510	40	12	10,359	38	12
	10,926	38	10	10,777	40	10	10,623	37	10	10,470	41	10	10,321	38	10
	10,888		8	10,737		8	10,586		8	10,429		8	10,283		8
	Plug to Plug	152	44	Plug to Plug	151	44	Plug to Plug	156	44	Plug to Plug	147	44	Plug to Plug	163	44
	Frac Plug	11,021	Total Shots	Frac Plug	10,869	Total Shots	Frac Plug	10,718	Total Shots	Frac Plug	10,562	Total Shots	Frac Plug	10,415	Total Shots

	Stage 46	Distance Between Perfs	Shots	Stage 47	Distance Between Perfs	Shots	Stage 48	Distance Between Perfs	Shots	Stage 49	Distance Between Perfs	Shots	Stage 50	Distance Between Perfs	Shots
	10,245	38	14	10,096	34	14	9,942	38			9829			0	
From Bottom to Top	10,207	38	12	10,056	38	12	9,905	38							
	10,169	39	10	10,018	38	10	9,867	38							
	10,130		8	9,980		8	9,829								
	Plug to Plug	139	44	Plug to Plug	161	44	Plug to Plug	9952	0	Plug to Plug	0	0	Plug to Plug	0	0
	Frac Plug	10,252	Total Shots	Frac Plug	10,113	Total Shots	Frac Plug	9,952	Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots