

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT
2016
Carlsbad Field Office
RECEIVEDFORM 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		6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		Contact: STORMI DAVIS E-Mail: sdavis@concho.com	
3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 575-748-6946	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 18 T26S R27E Mer NMP SWSE 250FSL 2450FEL At top prod interval reported below Sec 30 T26S R27E Mer NMP At total depth SWSE 343FSL 1826FEL		8. Lease Name and Well No. SCREECH OWL FEDERAL 3H	
14. Date Spudded 06/16/2016		15. Date T.D. Reached 07/04/2016	
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/11/2016		17. Elevations (DF, KB, RT, GL)* 3297 GL	
18. Total Depth: MD 17860 TVD 7376		19. Plug Back T.D.: MD 17775 TVD 7382	
20. Depth Bridge Plug Set: MD 17775 TVD 7382		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	359		500		0	
12.250	9.625 J55	40.0	0	2045		825		0	
8.750	5.500 P110	17.0	0	17845		3650		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	7021	7005						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7882	17750	7882 TO 17750	0.430	1188	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
7882 TO 17750	33 perms, 15% Acid 103,152 Gal, 14,875,750# sand, 12,283,719 Gal fluid

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
08/20/2016	08/23/2016	24	→	985.0	1453.0	2170.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
2	750		→	985	1453	2170		POW	

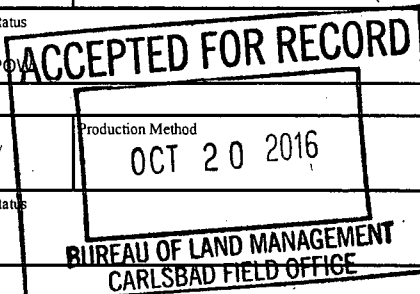
28a. Production - Interval B

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 #349078 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **



Reclamation due by 02/01/2017

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	2010	2077		LAMAR	2010
BELL CANYON	2078	2902		BELL CANYON	2078
CHERRY CANYON	2903	4077		CHERRY CANYON	2903
BRUSHY CANYON	4078	5602		BRUSHY CANYON	4078
BONE SPRING LIME	5603	6568		BONE SPRING LIME	5603
BONE SPRING 1ST	6569	7462		BONE SPRING 1ST	6569

32. Additional remarks (include plugging procedure):
Surveys & perms/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 #349078 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by TEUNGKU KRUENG on 10/06/2016 (17TMK0004SE)

Name (please print) STORMI DAVISTitle PREPARER

Signature _____ (Electronic Submission)

Date 08/25/2016

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Date	12/28/2016	
Pressure test	9500	
Well Name/number	Screesh Owl Fed Cam 33H	
Casing 1 size	5 1/2	Casing 2 size
Capacity-bbls/ft. H	0.02329	Capacity-bbls/ft. H
TD of Casing	0	TD of Casing
TD of casing	117,845	TD of casing
TVD	7417	
A/E	4012	

Proponent Database

1	Treated Water
2	15 % Acid
3	Slickwater
4	R11 Lhoer
5	Silver Stm R (11)
6	
7	
8	
9	
10	
11	
12	

1	20/40 White	1	BC-140 X2
2	20/40 CRC-P	2	DCA-23003 FR
3		3	MO-87
4		4	Clayweb II
5		5	FDP S1228
6		6	Scaletrol
7		7	Optikleen-WF
8		8	Nzyme-3
		9	Optiflo
		10	Scalechek Sco-2

BhaCovernt Plug 0.142

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	
	17,750	101	14	17,448	101	14	17,146	101	14	16,844	100	14	16,542	99	14	
	17,840	100	12	17,347	100	12	17,045	101	12	16,743	101	12	16,441	101	12	
	17,940		10	17,247		10	16,944		10	16,642		10	16,340		10	
										</						

From Bottom to Top	Stage 0	Distance Between Perfs	Shots	Stage 7	Distance Between Perfs	Shots	Stage 0	Distance Between Perfs	Shots	Stage 0	Distance Between Perfs	Shots	Stage 10	Distance Between Perfs	Shots
	16,240	100	14	15,938	100	14	15,938	100	14	16,333	101	14	15,031	98	14
	16,137	99	12	15,837	101	12	15,535	101	12	16,233	104	12	14,931	99	12
	16,036		10	15,736		10	15,434		10	16,129		10	14,832		10

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	
	14,726	103	14	14,426	102	14	14,130	99	14	13,828	98	14	13,521	101	14	
	14,926	101	12	14,327	101	12	14,024	100	12	13,722	100	12	13,420	100	12	
	14,528		10	14,228		10	13,924		10	13,622		10	13,320		10	
Plug to Plug Frac Plug	302 14,780	38 Total Shots	Plug to Plug Frac Plug	260 14,470	38 Total Shots	Plug to Plug Frac Plug	202 14,180	38 Total Shots	Plug to Plug Frac Plug	157 13,870	38 Total Shots	Plug to Plug Frac Plug	113 13,571	38 Total Shots		

From Bottom to Top	Stage 16	Distance Between Pairs	Shots	Stage 17	Distance Between Pairs	Shots	Stage 18	Distance Between Pairs	Shots	Stage 19	Distance Between Pairs	Shots	Stage 20	Distance Between Pairs	Shots
	12,919	101	14	12,917	101	14	12,915	101	14	12,913	100	14	12,915	98	14
	13,120	105	12	12,918	100	12	12,914	101	12	12,912	101	12	11,910	101	12
	13,018		10	12,916		10	12,913		10	12,911		10	11,809		10
Plug to Plug	302	38	Plug to Plug	302	38	Plug to Plug	311	38	Plug to Plug	290	38	Plug to Plug	304	38	Plug to Plug
Frac Plug	13,350	Total Shots	Frac Plug	12,907	Total Shots	Frac Plug	12,835	Total Shots	Frac Plug	12,354	Total Shots	Frac Plug	12,654	Total Shots	Frac Plug

	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	11,710	99	14	11,407	100	14	11,104	101	14	10,803	100	14	10,499	100	14
	11,808	101	12	11,511	106	12	11,004	101	12	10,702	101	12	10,400	101	12
	11,507		10	11,205		10	10,903		10	10,601		10	10,299		10
Plug to Plug	302	35	Plug to Plug	302	35	Plug to Plug	302	35	Plug to Plug	297	35	Plug to Plug	297	35	30
End of Run	11,700	Total Shots	End of Run	11,487	Total Shots	End of Run	11,180	Total Shots	End of Run	10,883	Total Shots	End of Run	10,576	Total Shots	

	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	110,198	101	114	9,590	101	14	9,594	101	14	9,292	101	14	8,090	101	14
	110,098	101	12	9,793	99	12	9,490	97	12	9,193	102	12	8,889	95	12
	9,997		10	9,595		10	9,393		10	8,991		10	8,794		10
	Plug to Plug	302	35	Plug to Plug	302	36	Plug to Plug	302	35	Plug to Plug	302	36	Plug to Plug	307	35
	Free Plug	10,246	Total Shots	Free Plug	9,947	Total Shots	Free Plug	9,644	Total Shots	Free Plug	9,342	Total Shots	Free Plug	9,040	Total Shots

From Bottom to Top	Stage 31	Distance Between Ports	Shots	Stage 32	Distance Between Ports	Shots	Stage 33	Distance Between Ports	Shots	Stage 34	Distance Between Ports	Shots	Stage 35	Distance Between Ports	Shots
	0.688	106	14	0.682	105	14	0.679	105	14		765			0	
	0.587	100	12	0.265	101	12	7.983	101	12						
	0.487		10	0.184		10	7.683		10						
	Plug to Plug	289	30	Plug to Plug	202	36	Plug to Plug	260	38	Plug to Plug	0	0	Plug to Plug	0	0
	Frac Plus	7.723	Total Shots	Frac Plus	0.444	Total Shots	Frac Plus	8.143	Total Shots	Frac Plus	\$9	Total Shots	Frac Plus		Total Shots

SCREECH OWL FEDERAL #3H**30-015-42827****Sec 18-T26S-R27E**

<u>Perfs</u>	<u>15% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	451247	359814
2	2982	447748	393036
3	4452	452025	390852
4	3192	450160	390642
5	3066	452960	387450
6	3192	449997	385476
7	3024	452775	382950
8	3066	451513	379848
9	3150	450282	383292
10	3024	451170	382284
11	3654	447069	377790
12	3024	451583	376572
13	3024	452446	374346
14	3024	450832	372120
15	3150	449522	372540
16	3024	449700	370104
17	3024	451305	368199
18	3402	449696	365610
19	4536	447720	401394
20	3024	450768	366072
21	3024	448699	364896
22	3024	449897	352716
23	3024	450164	364308
24	3150	452355	364140
25	2982	452911	364392
26	3024	453489	363972
27	3024	450776	363006
28	3024	450279	361914
29	3024	449597	362166
30	3024	458684	363636
31	3234	449736	360360
32	3024	451333	359856
33	3024	447312	357966
Totals	103152	14875750	12283719