

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

NMOCD
SEP 13 2017
ARTESIAFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM1097481a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

RECEIVED

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLCContact: STORMI DAVIS
E-Mail: sdavis@concho.com8. Lease Name and Well No.
ROAD RUNNER FEDERAL COM 1H3. Address 2208 WEST MAIN
ARTESIA, NM 882103a. Phone No. (include area code)
Ph: 575-748-69469. API Well No.
30-015-43133

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Sec 25 T25S R26E Mer NMP
SESE 190FSL 380FEL10. Field and Pool, or Exploratory
COTTONWOOD DRAW; BS

At top prod interval reported below

At total depth Sec 24 T25S R26E Mer NMP
NENE 70FNL 347FEL11. Sec., T., R., M., or Block and Survey
or Area Sec 25 T25S R26E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
03/03/201715. Date T.D. Reached
03/18/201716. Date Completed
☐ D & A ☒ Ready to Prod.
06/19/201717. Elevations (DF, KB, RT, GL)*
3250 GL18. Total Depth: MD 17480
TVD 730519. Plug Back T.D.: MD 17260
TVD 730720. Depth Bridge Plug Set: MD 17260
TVD 730721. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE22. 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 K55	54.5	0	379		C 500		0	
12.250	9.625 L80	40.0	0	2530	1957	C 1025		0	
8.750	5.500 P110	17.0	0	17460		C 3300		180	
CBP 8.750	5.500			17260					

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	6851	6841						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7569	17210	7569 TO 17210	0.430	1152	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7569 TO 17210	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
06/20/2017	06/20/2017	24	→	230.0	250.0	1244.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	775	625.0	→	230	250	1244		PCW	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #381068 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due 12/20/2017

ACCEPTED FOR RECORD

2017

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
BELL CANYON	1989	2868		RUSTLER	258
CHERRY CANYON	2869	3934		TOS	384
BRUSHY CANYON	3935	5510		BOS	1755
BONE SPRING LM	5511	6477		BELL CANYON	1989
1ST BONE SPRING	6478	7179		CHERRY CANYON	2869
2ND BONE SPRING	7180	7395		BRUSHY CANYON	3935
				BONE SPRING LM	5511
				1ST BONE SPRING	6478

32. Additional remarks (include plugging procedure):
Survey, perms & stimulation are attached.

Additional Tops:
2nd Bone Spring 7180'

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 #381068 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 07/12/2017 ()

Name (please print) STORMI DAVIS

Title PREPARER

Signature _____ (Electronic Submission)

Date 07/12/2017

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

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

ROAD RUNNER FEDERAL COM #1H (30-015-43133)

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	459890	382788
2	3024	454440	391020
3	3024	468240	394758
4	3024	450670	389256
5	3024	446170	444150
6	3024	465180	386064
7	3024	458270	450870
8	3024	461240	391062
9	3024	461090	379596
10	3024	449320	376194
11	3024	445830	379260
12	3024	452610	371364
13	3024	446060	380016
14	3024	459480	385560
15	3024	450940	380646
16	3024	471360	470190
17	3024	448960	374178
18	3024	449220	369432
19	3024	445670	369012
20	3024	456530	370692
21	3024	460920	383838
22	3024	448960	370944
23	3024	456310	365484
24	3024	464260	369600
25	3024	457400	365862
26	3024	451670	369474
27	3024	452510	365904
28	3024	458010	369222
29	3024	462930	369306
30	3024	457880	367374
31	3024	432530	359772
32	3024	450160	357714
Totals	95,256	14,554,710	12,250,602

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
	17,210	101	14	18,908	101	14	18,801	102	14	18,297	101	14	18,962	102	14
	17,109	102	12	18,804	101	12	18,500	102	12	18,195	101	12	18,891	102	12
	17,007		10	18,703		10	18,398		10	18,094		10	18,789		10
	Plug to Plug	304	38	Plug to Plug	304	38	Plug to Plug	305	38	Plug to Plug	294	38	Plug to Plug	318	38
	Frac Plug	17,290	Total Shots	Frac Plug	18,958	Total Shots	Frac Plug	18,882	Total Shots	Frac Plug	18,347	Total Shots	Frac Plug	18,963	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
	15,888	101	14	15,383	102	14	15,078	101	14	14,772	100	14	14,470	101	14
	15,682	97	12	15,282	102	12	14,877	99	12	14,573	102	12	14,364	97	12
	15,485		10	15,180		10	14,678		10	14,371		10	14,267		10
	Plug to Plug	304	38	Plug to Plug	298	38	Plug to Plug	352	38	Plug to Plug	281	38	Plug to Plug	301	38
	Frac Plug	15,738	Total Shots	Frac Plug	15,434	Total Shots	Frac Plug	15,138	Total Shots	Frac Plug	14,788	Total Shots	Frac Plug	14,521	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
	14,185	102	14	13,881	102	14	13,577	101	14	13,282	102	14	12,948	101	14
	14,084	101	12	13,780	102	12	13,475	101	12	13,181	102	12	12,846	101	12
	13,983		10	13,678		10	13,364		10	13,040		10	12,748		10
	Plug to Plug	312	38	Plug to Plug	301	38	Plug to Plug	304	38	Plug to Plug	369	38	Plug to Plug	304	38
	Frac Plug	14,229	Total Shots	Frac Plug	13,908	Total Shots	Frac Plug	13,607	Total Shots	Frac Plug	13,303	Total Shots	Frac Plug	12,998	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
	12,643	102	14	12,339	101	14	12,034	102	14	11,730	101	14	11,425	101	14
	12,542	102	12	12,237	101	12	11,933	102	12	11,628	102	12	11,324	100	12
	12,440		10	12,136		10	11,831		10	11,526		10	11,218		10
	Plug to Plug	300	38	Plug to Plug	308	38	Plug to Plug	304	38	Plug to Plug	301	38	Plug to Plug	304	38
	Frac Plug	12,684	Total Shots	Frac Plug	12,384	Total Shots	Frac Plug	12,088	Total Shots	Frac Plug	11,781	Total Shots	Frac Plug	11,478	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
	11,121	97	14	10,817	101	14	10,512	102	14	10,208	101	14	9,903	99	14
	11,019	101	12	10,715	101	12	10,411	102	12	10,106	104	12	9,806	100	12
	10,918		10	10,614		10	10,308		10	10,002		10	9,700		10
	Plug to Plug	311	38	Plug to Plug	293	38	Plug to Plug	321	38	Plug to Plug	293	38	Plug to Plug	308	38
	Frac Plug	11,172	Total Shots	Frac Plug	10,861	Total Shots	Frac Plug	10,566	Total Shots	Frac Plug	10,247	Total Shots	Frac Plug	9,984	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
	8,599	101	14	8,299	107	14	8,090	101	14	8,085	102	14	8,281	101	14
	8,497	101	12	8,193	102	12	8,088	101	12	8,584	102	12	8,279	102	12
	8,398		10	8,091		10	8,787		10	8,482		10	8,177		10
	Plug to Plug	364	38	Plug to Plug	295	38	Plug to Plug	314	38	Plug to Plug	304	38	Plug to Plug	325	38
	Frac Plug	8,648	Total Shots	Frac Plug	8,348	Total Shots	Frac Plug	8,050	Total Shots	Frac Plug	8,738	Total Shots	Frac Plug	8,432	Total Shots

From Bottom to Top	Stage 31	Distance Between Perfs	Shots	Stage 32	Distance Between Perfs	Shots	Stage 33	Distance Between Perfs	Shots	Stage 34	Distance Between Perfs	Shots	Stage 35	Distance Between Perfs	Shots
	8,078	101	14	7,772	101	14		7569			0			0	
	7,976	102	12	7,671	102	12									
	7,873		10	7,569		10									
	Plug to Plug	304	38	Plug to Plug	7823	38	Plug to Plug	0	0	Plug to Plug	0	0	Plug to Plug	0	0
	Frac Plug	8,127	Total Shots	Frac Plug	7,823	Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots