

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD Hobbs  
HOBBS  
APR 18 2018

5. Lease Serial No.  
NMNM0315712

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.

2. Name of Operator **COG OPERATING LLC** Contact: **KANICIA CASTILLO**  
E-Mail: **kcastillo@concho.com**

3. Address **ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287** 3a. Phone No. (include area code) **Ph: 432-685-4332**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Sec 9 T17S R32E Mer NMP NWNW 330FNL 150FWL**  
At top prod interval reported below **Sec 9 T17S R32E Mer NMP NWNW 399FNL 682FWL**  
At total depth **Sec 10 T17S R32E Mer NMP NWNW 349FNL 1280FWL**

6. Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **SNEED 9 FEDERAL COM 21H**

9. API Well No. **30-025-41489-00-S1**

10. Field and Pool, or Exploratory **MALJAMAR**

11. Sec., T., R., M., or Block and Survey or Area **Sec 9 T17S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **06/13/2017** 15. Date T.D. Reached **06/26/2017** 16. Date Completed  D & A  Ready to Prod. **08/13/2017**

17. Elevations (DF, KB, RT, GL)\* **4089 GL**

18. Total Depth: MD **12628** TVD **6403** 19. Plug Back T.D.: MD **12345** TVD **6403** 20. Depth Bridge Plug Set: MD **12345** TVD **6403**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CN**

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
12.250	9.625 J55	40.0		2298		800			
8.750	7.000 L80	29.0		5690					
8.750	5.500 L80	17.0		12615		2700			
17.500	13.375 H-40	48.0	0	980		900		0	
17.500	13.375 J55	54.5	0	982		900		0	
12.250	9.625 J-55	40.0	0	2290	1030	800		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	6469							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO-WEST			6445 TO 12325	0.000	1332	OPEN - Yeso
B) YESO	6445	12325				
C)						
D)						

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

Depth Interval	Amount and Type of Material
6445 TO 12325	ACIDIZE W/ 147,168 15% ACID, FRAC W/ 546,840 GALS TREATED WATER, 9,402,702 GALS SLICK WATER,

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
08/15/2017	08/20/2017	24	→	323.0	192.0	2131.0			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	
			→	323	192	2131	594	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
08/15/2017	08/20/2017	24	→	323.0	192.0	2131.0	36.2	0.60	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	
		70.0	→	323	192	2131	594	POW	

ACCEPTED FOR RECORD  
APR 17 2018  
Dinah Negrete  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #387565 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

Reclamation Due: 2/13/2018

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
QUEEN GRAYBURG SAN ANDRES PADDOCK	3211 3660 3959 5525		SANDSTONE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE DOLOMITE	QUEEN GRAYBURG SAN ANDRES PADDOCK	3211 3660 3959 5525

32. Additional remarks (include plugging procedure):  
Logs will be submitted in WIS.

OCD will receive their logs via mail.

Casing pressure tests for OCD records:

6/15/17 Test 13-3/8 casing to 1500# for 30 mins, good test.  
6/17/17 Test 9-5/8 casing to 1500# for 30 mins, good test.

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 #387565 Verified by the BLM Well Information System.**  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/13/2017 (17DW0082SE)

Name (please print) KANICIA CASTILLO Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 09/06/2017

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.

**Additional data for transaction #387565 that would not fit on the form**

**23. Casing and Liner Record, continued**

Hole Size	Size/Grade	Wt. (#/ft.)	Top(MD)	Btm(MD)	Stg Cmnr	Sx, Type Cmnr	Slurry Vol	Cement Top	Amt Pulled
8.750	7.000 L-80	26.0	0	6223	2340	900		0	
8.750	5.500 L-80	17.0	6223	6981					
7.875	5.500 L-80	17.0	6981	11108					

**32. Additional remarks, continued**