

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**HOBBS OCD**FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**5. Lease Serial No.
NMNM03157121a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other**RECEIVED**2. Name of Operator
COG OPERATING LLC

Contact: ROBYN RUSSELL

E-Mail: russell@concho.com

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 432-685-4385

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

At surface SESE 330FSL 200FEL 32.857323 N Lat, 103.780685 W Lon
At top prod interval reported below SWSW 354FSL 147FWL
At total depth SESW 358FSL 2528FWL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM1387158. Lease Name and Well No.
SHOVEL HEAD FEDERAL COM 18H9. API Well No.
30-025-44518-00-S110. Field and Pool, or Exploratory
MALJAMAR11. Sec., T., R., M., or Block and Survey
or Area Sec 5 T17S R32E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
06/20/201815. Date T.D. Reached
07/08/201816. Date Completed
☐ D & A ☒ Ready to Prod.
09/05/201817. Elevations (DF, KB, RT, GL)*
4090 GL18. Total Depth: MD 13776
TVD 576819. Plug Back T.D.: MD 13770
TVD 576820. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CN22. 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		1013		800		0	
12.250	9.625 J55	40.0		2287		695		0	
8.750	7.000 L80	29.0		4902					
8.750	5.500 L80	20.0		13768		1550		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	6083							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO-WEST			6116 TO 13392			OPEN SLEEVES
B) PADDOCK	6116	13392				
C)						
D)						

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

Depth Interval	Amount and Type of Material
6116 TO 13392	ACIDIZE W/60,333 GALS 15% ACID, FRAC W/37,070 GALS TREATED WATER, 5,562,396 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
09/15/2018	09/17/2018	24	→	221.0	264.0	1075.0	41.0	0.60	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	76.0	→	→	221	264	1075	1195	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
09/15/2018	09/17/2018	24	→	221.0	264.0	1075.0	41.0	0.60	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	76.0	→	→	221	264	1075	1195	POW	

ELECTRIC PUMPING UNIT
ACCEPTED FOR RECORDMAR 12 2019
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #443134 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due 3-15-2019