

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMLC061842

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

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

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 14 T17S R32E Mer NMP NWNE 1015FNL 2310FEL
At top prod interval reported below Sec 14 T17S R32E Mer NMP NWNE 980FNL 2271FEL
At total depth Sec 11 T17S R32E Mer NMP NWNE 222FNL 2288FEL

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No.
FLAT HEAD FEDERAL COM 25H

9. API Well No.
30-025-43109-00-S1

10. Field and Pool, or Exploratory
MALJAMAR-YESO, WEST

11. Sec., T., R., M., or Block and Survey or Area Sec 14 T17S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 01/06/2017 15. Date T.D. Reached 01/22/2017 16. Date Completed D & A Ready to Prod. 04/06/2017

17. Elevations (DF, KB, RT, GL)*
4088 GL

18. Total Depth: MD 12600 TVD 6553 19. Plug Back T.D.: MD 12506 TVD 6553 20. Depth Bridge Plug Set: MD TVD

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1131		750		0	
12.250	9.625 J-55	40.0	0	2817		850		0	
8.750	7.000 L-80	29.0	0	5817				0	
8.750	5.000 L-80	17.0	5817	12574		2700		5817	

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	6762							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6845	12486	6845 TO 12486	0.000	1116	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6845 TO 12486	ACIDIZE W/ 127,008 15% ACID, FRAC W/ 469,308 GALS TREATED WATER, 6,187,986 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
04/06/2017	04/10/2017	24	→	553.0	261.0	2980.0	42.0	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	
	SI	70.0	→	553	261	2980	472	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	
	SI		→						

ACCEPTED FOR RECORD
(PRIG. SGD.) DAVID R. GLASS

JUL 26 2017

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

ELECTRONIC SUBMISSION #373795 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DAVID R. GLASS

BLM ENGINEER

Ke

RECLAMATION DUE:
OCT 06 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
RUSTLER	1037	1180	ANHYDRITE	RUSTLER	1037
SALADO	1180	2215	SALT	QUEEN	3348
QUEEN	3348	3928	SANDSTONE	GRAYBURG	3928
GRAYBURG	3928	4118	DOLOMITE & ANHYDRITE	SAN ANDRES	4118
SAN ANDRES	4118	5515	DOLOMITE & ANHYDRITE	PADDOCK	5597
PADDOCK	5597	6050	DOLOMITE		
YESO	6845	12486	OIL/GAS/WATER		

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

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 #373795 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/04/2017 (17DW0054SE)

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 04/24/2017

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.

** REVISED **