

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
HOBBS OCD
DEC 04 2017
RECEIVED

FORM 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
 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 15 T17S R32E Mer NMP NESW 2358FSL 1895FWL 32.833832 N Lat, 103.756683 W Lon**
 At top prod interval reported below **Sec 15 T17S R32E Mer NMP SENW 2972FSL 1665FWL**
 At total depth **Sec 10 T17S R32E Mer NMP NENW 221FNL 1677FWL**

5. Lease Serial No. **NMLC054687**
 6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. **NMNM137648**
 8. Lease Name and Well No. **NELSON FEDERAL COM 13H** ✓
 9. API Well No. **30-025-43705-00-S1**
 10. Field and Pool, or Exploratory **MALJAMAR-YESO, WEST**
 11. Sec., T., R., M., or Block and Survey or Area **Sec 15 T17S R32E Mer NMP**
 12. County or Parish **LEA** 13. State **NM**
 14. Date Spudded **05/02/2017** 15. Date T.D. Reached **05/19/2017** 16. Date Completed D & A Ready to Prod. **09/01/2017**
 17. Elevations (DF, KB, RT, GL)* **4046 GL**
 18. Total Depth: MD **13599** TVD **5873** 19. Plug Back T.D.: MD **13529** TVD **5873** 20. Depth Bridge Plug Set: MD **MD** TVD **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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1025		750		0	
12.250	9.625 J-55	40.0	0	2320		625		0	
8.750	7.000 L-80	29.0	0	5200				0	
8.750	5.500 L-80	17.0	5200	13589		3000		5200	

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	5953							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6231	13480	6231 TO 13480	0.000	1620	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6231 TO 13480	ACIDIZE W/ 181,440 15% ACID, FRAC W/ 727,776 GALS TREATED WATER, 11,190,345 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
09/01/2017	09/04/2017	24	→	454.0	497.0	1837.0	37.5	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		70.0	→	454	497	1837	1095	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD
(ORIG. SIGNED) DAVID R. GLASS
OCT 25 2017

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #392055 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED **
 DAVID R. GLASS
 SET FOR BLM REVISION ENGINEER

RECLAMATION DUE:
MAR 01 2018

KG

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	985	1158		TANSILL	2102
TANSILL	2102	3174	DOLOMITE	QUEEN	3174
QUEEN	3174	3609	SANDSTONE	GRAYBURG	3609
GRAYBURG	3609	3947	DOLOMITE & ANHYDRITE	SAN ANDRES	3947
SAN ANDRES	3947	5535	DOLOMITE & ANHYDRITE	PADDOCK	5535
PADDOCK	5535	13599	DOLOMITE		
YESO	6231	13480	OIL/GAS/WATER		

32. Additional remarks (include plugging procedure):

Logs will be submitted in WIS.
Logs will be mailed to the OCD.

Casing tests:

5/04/17 Test 13-3/8csg to 1500# for 30mins, good test.
5/07/17 Test 12-1/4csg to 1500# for 30mins, 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 #392055 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMS for processing by DEBORAH HAM on 10/23/2017 (18DMH0007SE)

Name (please print) KANICIA CASTILLO Title PREPARER
Signature _____ (Electronic Submission) Date 10/16/2017

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.