

HOEBS OCD

NMOCD
Hobbs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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.
 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 **NWSW 2310FSL 150FWL**
 At top prod interval reported below **NWSW 2268FSL 330FWL**
 At total depth **Lot 1 2287FSL 351FEL**

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **BRANEX COG FEDERAL COM 15H**

9. API Well No. **30-025-42906-00-S1**

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

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 **09/04/2016** 15. Date T.D. Reached **09/21/2016** 16. Date Completed D & A Ready to Prod. **11/07/2016**

17. Elevations (DF, KB, RT, GL)* **4067 GL**

18. Total Depth: MD **10343** TVD **5678** 19. Plug Back T.D.: MD **10200** TVD **5667** 20. Depth Bridge Plug Set: MD **10200** TVD **5667**

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
17.500	13.375 J-55	54.5	0	988		750		0	
12.250	9.625 J-55	40.0	0	2187		675		0	
8.750	7.000 L-80	29.0	0	6112				0	
8.750	5.000 L-80	17.0	6112	10343		2350		6112	

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	5095							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6000	10250	6000 TO 10250	0.000	900	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6000 TO 10250	ACIDIZE W/ 94,506 15% ACID, FRAC W/ 319,242 GALS TREATED WATER, 4,603,400 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
11/09/2016	10/12/2016	24	▶	250.0	165.0	2336.0	36.1	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	▶	250	165	2336	660	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
(KING SGD) DAVID R. GLASS
MAR 23 2017

DAVID R. GLASS

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

ELECTRONIC SUBMISSION #360119 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
MAY 07 2017

PETROLEUM ENGINEER

KZ

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.)
FLARED

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	879	2101	ANHYDRITE	RUSTLER	879
TANSILL	2101	3180	SALT	TANSILL	2101
QUEEN	3180	3587	SANDSTONE	QUEEN	3180
GRAYBURG	3587	3897	SANDSTONE & DOLOMITE	GRAYBURG	3587
SAN ANDRES	3897	5591	DOLOMITE & LIMESTONE	SAN ANDRES	3897
PADDOCK	5591	6000	DOLOMITE & ANHYDRITE	PADDOCK	5591
YESO	6000	10250	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 #360119 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Hobbs
 Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/13/2017 (17DW0019SE)**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 12/06/2016

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 ** REVISED ****