

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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 _____

HOBBS OCD

AUG 20 2013

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLCContact: ROBYN M ODOM
E-Mail: rodom@concho.com8. Lease Name and Well No.
BRANEX-COG FEDERAL 113. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 432-685-4385

RECEIVED

9. API Well No.
30-025-40978-00-S1

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

At surface NWSW 1650FSL 990FWL

At top prod interval reported below NWSW 1650FSL 990FWL

At total depth NWSW 1650FSL 990FWL

10. Field and Pool, or Exploratory
MALJAMAR11. Sec., T., R., M., or Block and Survey
or Area Sec 9 T17S R32E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
02/21/201315. Date T.D. Reached
03/03/201316. Date Completed
☐ D & A ☒ Ready to Prod.
04/02/201317. Elevations (DF, KB, RT, GL)*
4069 GL18. Total Depth: MD
TVD 702019. Plug Back T.D.: MD
TVD 694320. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT22. 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	48.0	0	924		850		0	
11.000	8.625 J-55	32.0	0	2278		775		0	
7.875	5.500 L-80	17.0	0	7006		1200		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	5656							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6510	6710	5530 TO 5780		26	OPEN
B)			5910 TO 6110		26	OPEN
C)			6210 TO 6410		26	OPEN
D)			6510 TO 6710		26	OPEN

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

Depth Interval	Amount and Type of Material
5530 TO 5780	ACIDIZE W/3,000 GALS 15% ACID. FRAC W/98,164 GALS GEL, 115,964# 16/30 WHITE SAND, 27,676# SIBERPROP
5910 TO 6110	ACIDIZE W/2,000 GALS 15% ACID. FRAC W/106,457 GALS GEL, 149,349# 16/30 WHITE SAND, 29,580# SIBERPROP
6210 TO 6410	ACIDIZE W/2,000 GALS 15% ACID. FRAC W/106,193 GALS GEL, 149,107# 16/30 WHITE SAND, 29,125# SIBERPROP
6510 TO 6710	ACIDIZE W/2,000 GALS 15% ACID. FRAC W/106,755 GALS GEL, 150,772# 16/30 WHITE SAND, 28,593# SIBERPROP

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
04/06/2013	04/12/2013	24	→	20.0	18.0	415.0	36.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI	75.0	→	20	18	415	900	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		→						

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

ELECTRONIC SUBMISSION #216591 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION
DUE 10-2-13

NOV 12 2013

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	Thg. 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	Thg. 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	889	2058	ANHYDRITE	RUSTLER	889
SALADO	1275		SALT	TOP OF SALT	1275
YATES	2564		SANDSTONE	YATES	2564
QUEEN	3195		SANDSTONE & DOLOMITE	QUEEN	3195
SAN ANDRES	3928		SANDSTONE & DOLOMITE	SAN ANDRES	3928
GLORIETTA	5454		SANDSTONE	GLORIETTA	5454
YESO	5503		DOLOMITE & ANHYDRITE	YESO	5503
TUBB	6837		SAND	TUBB	6837

32. Additional remarks (include plugging procedure):
Logs will be mailed.

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 #216591 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by JOHNNY DICKERSON on 08/15/2013 (13JLD0567SE)**

Name (please print) ROBYN M ODOMTitle PERSON RESPONSIBLE

Signature _____ (Electronic Submission)

Date 08/09/2013

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #216591

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM0315712	NMNM0315712
Agreement:		
Operator:	COG OPERATING LLC ONE CONCHO CENTER 600 W. ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432-683-7443	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	ROBYN M ODOM PERSON RESPONSIBLE E-Mail: rodome@concho.com Ph: 432-685-4385	ROBYN M ODOM PERSON RESPONSIBLE E-Mail: rodome@concho.com Ph: 432-685-4385
Tech Contact:	ROBYN M ODOM PERSON RESPONSIBLE E-Mail: rodome@concho.com Ph: 432-685-4385	ROBYN M ODOM PERSON RESPONSIBLE E-Mail: rodome@concho.com Ph: 432-685-4385
Well Name: Number:	BRANEX-COG FEDERAL 11	BRANEX-COG FEDERAL 11
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 9 T17S R32E Mer	Sec 9 T17S R32E Mer NMP
Surf Loc:	1650FSL 990FWL	NWSW 1650FSL 990FWL
Field/Pool:	MALJAMAR; YESO, WEST	MALJAMAR
Logs Run:	COMPENSATED NEUTRON	COMPENSATED NEUT
Producing Intervals - Formations:	PADDOCK UPPER BLINEBRY MIDDLE BLINEBRY LOWER BLINEBRY	YESO
Porous Zones:	RUSTLER SALADO YATES QUEEN SAN ANDRES GLORIETA YESO TUBB	RUSTLER SALADO YATES QUEEN SAN ANDRES GLORIETTA YESO TUBB
Markers:	RUSTLER TOP SALT YATES QUEEN SAN ANDRES GLORIETA YESO TUBB	RUSTLER TOP OF SALT YATES QUEEN SAN ANDRES GLORIETTA YESO TUBB