

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Hobbs-OCD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM123528

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: STORMI DAVIS

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287
 3a. Phone No. (include area code) Ph: 575.748.6946

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NENE 190FNL 380FEL 32.224179 N Lat, 103.501244 W Lon
 At top prod interval reported below Sec 18 T24S R34E Mer NMP
 At total depth SESE 352FSL 378FEL

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No.
SEBASTIAN FEDERAL COM 4H
 9. API Well No.
30-025-41689-00-S1

10. Field and Pool or Exploratory
RED HILLS Bone Spring D
 11. Sec., T., R., M., or Block and Survey or Area Sec 18 T24S R34E Mer NMP
 12. County or Parish LEA 13. State NM
 14. Date Spudded 07/02/2014 15. Date T.D. Reached 07/30/2014
 16. Date Completed D & A Ready to Prod. 10/11/2014
 17. Elevations (DF, KB, RT, GL)* 3581 GL

HOBBS OCD

DEC 01 2014

RECEIVED

18. Total Depth: MD 15376 TVD 10877 19. Plug Back T.D.: MD 15290 TVD 10875 20. Depth Bridge Plug Set: MD 15290 TVD 10875

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SEE ATTACHED
 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 J55	54.5	0	1398		1000		0	
12.250	9.625 J55	40.0	0	5171		1550		0	
7.875	5.500 P110	17.0	0	15356	6672	3100		1406	

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	10219	10209						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING-NORTH	10969	15260	10969 TO 15260	0.000	396	OPEN - SEE REMARKS BS North
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10969 TO 15260	SEE IN REMARKS

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
10/16/2014	10/30/2014	24	→	811.0	1715.0	1537.0			PCW
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	200		→	811	1715	1537	2115	PCW	

ACCEPTED FOR RECORD
 NOV 17 2014
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

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			→						

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #276140 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Date: 4/16/2015

DEC 02 2014

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
DELAWARE	5167	5188		RUSTLER	1221
BELL CANYON	5189	6144		TOP OF SALT	1324
CHERRY CANYON	6145	7467		BASE OF SALT	4902
BRUSHY CANYON	7468	8908		DELAWARE	5167
BONE SPRING LIME	8909	9927		BELL CANYON	5189
1ST BONE SPRING	9928	10466		CHERRY CANYON	6145
2ND BONE SPRING	10467	11484		BRUSHY CANYON	7468
3RD BONE SPRING	11485	11800		BONE SPRING LIME	8909

32. Additional remarks (include plugging procedure):
Perfs 7 1/2%(Gal) Sand(#) Fluid(Gal)
14992-15260' 3024 711801 578172
14590-14858' 6006 458145 380100
14187-14455' 6048 596399 420992
13785-14053' 6006 602727 419622
13383-13651' 6048 600637 426804
12980-13249' 6024 598172 421740
12578-12846' 6048 603559 426720

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 #276140 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 11/05/2014 (15LJ0246SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 11/05/2014

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.

Additional data for transaction #276140 that would not fit on the form

32. Additional remarks, continued

12176-12444' 6006 600808 420084
11774-12042' 6048 599025 419396
11371-11639' 6006 599973 419270
10969-11237' 6342 592591 414288
Totals 63606 6563837 4747190

Additional tops:
1st Bone Spring 9928
2nd Bone Spring 10467
3rd Bone Spring 11485
Wolfcamp 11801