

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.
NMNM120908

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
WINDWARD FEDERAL 4H9. API Well No.
30-025-41412-00-S110. Field and Pool, or Exploratory
WC-025 G06 S253206M Bone Spring11. Sec., T., R., M., or Block and Survey
or Area Sec 30 T24S R32E Mer NMP12. County or Parish
LEA13. State
NM17. Elevations (DF, KB, RT, GL)*
3550 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
COG PRODUCTION LLC Contact: STORMI DAVIS
E-Mail: sdavis@concho.com3. Address 2208 W MAIN STREET
ARTESIA, NM 88210 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 430FEL 32.194994 N Lat, 103.706145 W Lon

At top prod interval reported below

Sec 31 T24S R32E Mer NMP

At total depth SESE 342FSL 391FEL

14. Date Spudded
04/23/201415. Date T.D. Reached
05/29/201416. Date Completed
☐ D & A ☒ Ready to Prod.
08/12/201418. Total Depth: MD 20361
TVD 1051619. Plug Back T.D.: MD 20140
TVD 1051920. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN DLL22. 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 J55	54.5	0	815		750		0	
12.250	9.625 J55	40.0	0	4650		2050		0	
8.750	5.500 P110	17.0	0	20298	6938	4600		2450	

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	10062	10053						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10715	20105	10715 TO 20105	0.000	864	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10715 TO 20105	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
08/15/2014	08/26/2014	24	→	1097.0	1756.0	2413.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36/64	SI	550	→	1097	1756	2413		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		→						

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

ELECTRONIC SUBMISSION #264117 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION
DUE 2/26/15

JAN 07 2015

ACCEPTED FOR RECORD

DEC 19 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	4612	4648		RUSTLER	826
BELL CANYON	4649	5541		TOP OF SALT	1212
CHERRY CANYON	5542	6949		BASE OF SALT	4371
BRUSHY CANYON	6950	8503		DELAWARE	4612
BONE SPRING LIME	8504	9600		BELL CANYON	4649
1ST BONE SPRING	9601	9835		CHERRY CANYON	5542
2ND BONE SPRING	9836	10516		BRUSHY CANYON	6950
				BONE SPRING LIME	8504

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
19840-20105' 3780 602337 493836
19447-19708' 6006 598356 441252
19047-19311' 6048 611752 447846
18650-18916' 6006 598028 435330
18253-18517' 6048 603863 459732
17856-18121' 6048 573742 454986
17459-17724' 6048 602646 442638

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 #264117 Verified by the BLM Well Information System.

For COG PRODUCTION LLC, sent to the Hobbs

Committed to AFMSS for processing by LINDA JIMENEZ on 10/10/2014 (15LJ0160SE)

Name (please print) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 09/17/2014

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.

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

Additional data for transaction #264117 that would not fit on the form

32. Additional remarks, continued

17062-17327' 6048 598178 429420
16665-16930' 8736 666882 667758
16268-16533' 6510 602826 448938
15867-16136' 6048 606301 423276
15475-15739' 5982 605214 437061
15080-15342' 5376 601970 427560
14681-14945' 6006 601791 436464
14281-14549' 6048 600106 424620
13887-14152' 6006 600809 424368
13489-13755' 6006 603255 414399
13093-13358' 5964 600538 433146
12696-12961' 6006 598047 452718
12300-12567' 6090 598603 418866
11903-12248' 5982 599981 422790
11506-11770' 5922 595704 423066
11109-11373' 6048 603985 418572
10715-10977' 7686 618580 420966
Totals 146447 14493494 10699608

Additional Tops:

1st Bone Spring 9601
2nd Bone Spring 9836

Surveys & logs are attached.