

NM OIL CONSERVATION

ARTESIA DISTRICT

FEB 23 2015

Form 3160-4
(August 2007)

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

RECEIVED

5. Lease Serial No.
NMNM115411

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. REALLY SCARY FEDERAL 6H		
Contact: STORMI DAVIS E-Mail: sdavis@concho.com					
3. Address 2208 W MAIN ST ARTESIA, NM 88210			9. API Well No. 30-015-42663		
3a. Phone No. (include area code) Ph: 575-748-6946					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T24S R28E Mer NMP At surface NWNW 360FNL 380FWL At top prod interval reported below Sec 33 T24S R28E Mer NMP At total depth SWSW 331FSL 667FWL			10. Field and Pool, or Exploratory WILLOW LAKE; BONE SPRING		
			11. Sec., T., R., M., or Block and Survey or Area Sec 33 T24S R28E Mer NMP		
			12. County or Parish EDDY		13. State NM
14. Date Spudded 11/18/2014		15. Date T.D. Reached 12/03/2014	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/17/2015		17. Elevations (DF, KB, RT, GL)* 3012 GL
18. Total Depth: MD 12390 TVD 8084		19. Plug Back T.D.: MD 12387 TVD 8084		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 H40	48.0	0	390		400		0	
12.250	9.625 J55	36.0	0	2480		850		0	
8.750	5.500 P110	17.0	0	12390		2500		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	7575							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8179	12300	8179 TO 12232	0.430	504	OPEN
B)			12290 TO 12300		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8179 TO 12232	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
01/22/2015	02/13/2015	24	→	548.0	885.0	1314.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 580 SI	Csg. Press. 350.0	24 Hr. Rate →	Oil BBL 548	Gas MCF 885	Water BBL 1314	Gas:Oil Ratio	Well Status	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	

Pending BLM approvals will subsequently be reviewed and scanned *AS*

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

ELECTRONIC SUBMISSION #292140 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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
LAMAR	2477	2526		RUSTLER	729
BELL CANYON	2527	3342		TOS	1042
CHERRY CANYON	3343	4505		BOS	2265
BRUSHY CANYON	4506	6084		LAMAR	2477
BONE SPRING LM	6085	7052		BELL CANYON	2527
1ST BONE SPRING	7053	7934		CHERRY CANYON	3343
2ND BONE SPRING	7935	8084		BRUSHY CANYON	4506
				BONE SPRING LM	6085

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 12042-12232' 3990 276923 366156
 11745-11943' 5999 453094 373964
 11448-11646' 5999 451649 382284
 11150-11349' 5964 450869 369936
 10853-11051' 5999 452746 370853
 10556-10752' 5999 455956 370451
 10259-10457' 5999 457607 372029

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 #292140 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVISTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 02/18/2015

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.

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Additional data for transaction #292140 that would not fit on the form

32. Additional remarks, continued

9958-10160' 5922 454726 441042
9665-9863' 5982 455660 368358
9368-9566' 5999 455410 367619
9070-9269' 5999 453234 366947
8773-8971' 5982 452899 366972
8476-8674' 5999 459720 367619
8179-8377' 5982 547161 701340
Totals 81815 6277654 5585571

Additional Tops:

1st Bone Spring 7053
2nd Bone Spring 7935

Surveys are attached.