

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 DESIGNATION AND SERIAL NO.

NMNM115411

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2. Name of Operator

COG Operating LLC

8. FARM OR LEASE NAME

Really Scary Federal Com #2H

3. Address

2208 W. Main Street  
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-015-41411

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

At surface 190' FSL & 1683' FWL, Unit N (SESW)

At top prod. Interval reported below

At total depth 326' FNL & 2218' FWL, Unit C (NENW)

10. FIELD NAME

Willow Lake; Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY  
OR AREA 33 T 24S R 28E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

14. Date Spudded

6/18/13

15. Date T.D. Reached

7/19/13

16. Date Completed

9/4/13

☐ D & A

☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*

3010'

GR

3028'

KB

18. Total Depth:

MD 12914'  
TVD 8048'

19. Plug back T.D.:

MD 12888'  
TVD 8048'

20. Depth Bridge Plug Set:

MD  
TVD

21. Type Electric & other Logs Run (Submit a copy of each)

None

22. Was well cored?

☒ No

☐ Yes (Submit analysis)

Was DST run?

☒ No

☐ Yes (Submit report)

Directional Survey?

☐ No

☒ Yes (Submit copy)

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 1/2"	13 3/8" H40	48#	0	450'		450 sx		0	None
12 1/4"	9 5/8" J55	36#	0	2475'		850 sx		0	None
7 7/8"	5 1/2" P110	17#	0	12891'		1950 sx		0	None
7 7/8"	5 1/2" P110	17#	7050'	12711'	1st Lateral	(Plugged back w/200 sx)		6500'	7050'

24. Tubing Record

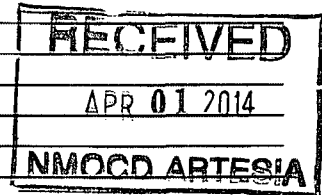
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	6535'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	8225'	12838'	8225-12800'	0.43	506	Open
B)			12828-12838'		60	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	See Attached



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
9/5/13	9/8/13		→	745	1100	1115			Pumping
Choke Size	Tbg. Press Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	240#	210#	→	745	1100	1115		Producing	

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. SI	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

\* See instructions and spaces for additional data on page 2)

APR 4-1-2014  
Accepted for record  
NMOC 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	

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:

<i>Formation</i>	<i>Top</i>	<i>Bottom</i>	<i>Descriptions Contents, Etc.</i>	<i>Name</i>	<i>Top</i>
					<i>Measured Depth</i>
Lamar	2502'	6144'		Rustler	601'
Bone Spring	6145'	8048'		Top of Salt	985'
				Bottom of Salt	2305'
				Lamar	2502'
				Bone Spring Lm	6145'
				1st Bone Spring	6864'
				2nd Bone Spring	7382'
					
					T.D. 8048' TVD

TD, 8048' TVD

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/ Mechanical Logs (1 full set required) ☐ Geologic Report ☐ UST Report ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☒ Other: Deviation Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Stormi Davis

Title **Regulatory Analyst**

**Signature:**

Date 10/23/13

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.

(Continued on page 3)

(Form 3160)-4, page 2)

# REALLY SCARY FEDERAL COM #2H

30-015-41411

Sec 33-T24S-R28E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
12481-12800'	2856	301500	278292
12055-12375'	3023	302080	259854
11630-11950'	3088	302619	236292
11207-11529'	3095	303392	228228
10778-11099'	3010	299524	225750
10353-10673'	3028	296014	223986
9927-10242'	3151	309286	225246
9502-9822'	3151	303988	223062
9071-9398'	3000	309673	233352
8651-8970'	3528	305235	223272
8225-8544'	3108	553582	435246
<b>Totals</b>	<b>34038</b>	<b>3586893</b>	<b>2792580</b>