

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCDD MODS

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

JUN 18 2013

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM115422

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

RECEIVED

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2. Name of Operator
COG Production LLC

8. FARM OR LEASE NAME
Sol 28 Federal #2H

3. Address
2208 W. Main Street
Artesia, NM 88210

3a. Phone No. (include area code)
575-748-6940

9. API WELL NO.
30-025-40803

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

At surface 2160' FSL & 330' FEL, Unit I (NESE)

At top prod. Interval reported below

At total depth 2052' FSL & 345' FWL, Unit L (NWSW)

10. FIELD NAME
Jennings; Upper Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA 28 T 25S R 32E

12. COUNTY OR PARISH 13. STATE
Lea NM

14. Date Spudded 10/25/12 15. Date T.D. Reached 11/9/12 16. Date Completed 4/18/13
☐ D & A ☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)*
3384' GR 3402' KB

18. Total Depth: MD 13840' TVD 9336' 19. Plug back T.D.: MD 13766' TVD 9343'

20. Depth Bridge Plug Set: MD 13766' TVD 9343'

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	1037'	None	800 sx		0	None
12 1/4"	9 5/8" J55	36#&40#	0	4603'	None	1500 sx		0	None
7 7/8"	5 1/2" P110	17#	0	13840'	None	2000 sx		0	None

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"	8896'	8879'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	9510'	13755'	9510-13672'	0.42	506	Open
B)			13745-13755'		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
4/19/13	5/18/13	24	→	873	3400	2000			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	380#	980#	→	873	3400	2000		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.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

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

ACCEPTED FOR RECORD
JUN 16 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JUN 27 2013

RECLAMATION
DUE 10-18-13

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
					Measured Depth
Delaware Bone Spring	4640'	8706'		Rustler	787'
	8707'	13840'		Top of Salt	1184'
				Bottom of Salt	4419'
				Delaware	4640'
				Bone Spring Lime	8707'
					TD. 13840'

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
 ☐ DST 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 6/7/13

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.

Sol 28 Federal #2H**30-025-40803****Sec 28-T25S-R32E**

<u>Perforations</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13380-13672'	3062	400310	327235
12993-13285'	3066	569871	567252
12606-12898'	2795	406209	284339
12219-12511'	2997	401915	284523
11832-12124'	2988	410074	313068
11445-11737'	4274	400972	302576
11058-11350'	2811	400510	270754
10671-10963'	2786	401142	267199
10284-10576'	2916	326772	238779
9897-10189'	3029	403430	280959
9510-9802'	<u>3066</u>	<u>431453</u>	<u>278334</u>
Totals	33790	4552658	3415018