

UNITED STATES **OC D Artesia**  
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.

SHL: VO6322, BHL: NMNM58935

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

6 INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT

2 Name of Operator  
COG Operating LLC

8 FARM OR LEASE NAME

Dirty Dozen Federal Com #4H

3 Address  
2208 W. Main Street  
Artesia, NM 88210

3a Phone No (include area code)

575-748-6940

9 API WELL NO

30-015-38150

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

At surface 1650' FSL & 660' FEL, Unit I (NESE) of Sec 36-T19S-R31E (Eddy County)

At top prod Interval reported below

At total depth 407' FSL & 464' FEL, Lot 7 (SESE) of Sec 31-T19S-R32E (Lea County)

10 FIELD NAME

WC Williams Sink; Bone Spring

11 SEC T. R. M. OR BLOCK AND SURVEY  
OR AREA 36 T 19S R 31E

12 COUNTY OR PARISH 13 STATE

Eddy/Lea

NM

14. Date Spudded

7/13/12

15. Date T D Reached

8/7/12

16 Date Completed

10/17/12

☐ D & A

☒ Ready to Prod

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

3500'

GR

3521'

KB

18. Total Depth:

MD 14979'

TVD 9388'

19 Plug back T D.

MD

14958'

TVD

9388'

20 Depth Bridge Plug Set

MD

TVD

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

CNL, CBL

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" J55	54.5#	0	932'		900 sx		0	None
12 1/4"	9 5/8" J55	36#	0	4123'	3005'	3100 sx		0	None
7 7/8"	5 1/2" P110	17#	0	14962'		2150 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"	8765'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf Status
A) Bone Spring	10398'	14929'	10398-14929'		414	Open
B)						
C)						
D)						

26 Perforation Record

27 Acid, Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
See Attached	See Attached

RECLAMATION  
DUE 4-11-13

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
10/19/12	10/22/12	24	→	783	851	1576			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	350#	100#	→	783	851	1576		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	
			→						

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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)				31 Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions Contents, Etc	Name	Top Measured Depth
Bone Spring	7273'	14979'		Rustler Top of Salt Bottom of Salt Bone Spring	835' 915' 2473' 7273'
					TD 14979'

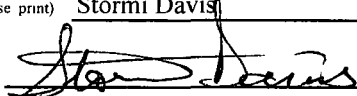
32 Additional remarks (include plugging procedure)

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 10/29/12

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

**DIRTY DOZEN FEDERAL COM #4H****30-015-38150****Sec 36-T19S-R31E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
14516-14929'	2936	381564	313607
14001-14413'	2989	378021	365615
13487-13900'	2996	374885	330656
12972-13385'	2989	377603	329394
12457-12870'	3044	371942	325847
11942-12355'	2824	368746	326326
11428-11841'	3024	377460	327134
10913-11326'	2978	340848	290741
10398-10811'	3134	380930	328118
<b>Totals</b>	<b>26914</b>	<b>3351999</b>	<b>2937438</b>