

UNITED STATES  
DEPARTMENT OF THE INTERIOR **OCD Artesia**  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO

SHL: NM92177, BHL NM58809

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

JR's Horz Federal Com #6H

3 Address  
2208 W. Main Street  
Artesia, NM 882103a Phone No (include area code)  
575-748-69409 API WELL NO  
30-015-37904

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

At surface 330' FNL &amp; 1980' FWL, Unit C (NENW)

At top prod Interval reported below

At total depth 332' FSL &amp; 1914' FWL, Unit N (SESW)

10 FIELD NAME

Corral Canyon; Bone Spring, South

11 SEC T. R. M. OR BLOCK AND SURVEY  
OR AREA 10 T 26S R 29E12 COUNTY OR PARISH 13 STATE  
Eddy NM14 Date Spudded 7/15/10 15 Date T D Reached 8/3/10 16 Date Completed 7/1/11  
☐ D & A ☒ Ready to Prod17 ELEVATIONS (DF, RKB, RT, GR, etc)\*  
2988' GR 3006' KB

18 Total Depth MD 11912' TVD 7459' 19 Plug back T D MD 11865' TVD 7458'

20 Depth Bridge Plug Set MD TVD

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

DLL, DSN

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	523'		500 SX		0	None
12 1/4"	9 5/8" J55	36#	0	2919'		1025 SX		0	None
7 7/8"	5 1/2" N80	17#	0	11910'	6771'	2275 SX		3080'	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"	6828'	6821'						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf Status
A) Bone Spring	7700'	11800'	7700-11800'	0.42	325	Open
B)						
C)						
D)						

27 Acid/Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
7700-11800'	Acidz w/41748 gal 15%; Frac w/3663370# sand & 2893725 gal fluid

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
7/20/11	7/22/11	24	→	700	4210	3265			Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	450	160	→	700	4210	3265		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

JUL 31 2011

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE  
Flowing

RECEIVED

AUG 4 2011

NMOCD ARTESIA

## 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	3015'	6804'		Top of Salt	669'
	6805'	11912'		Bottom of Salt	2791'
				Delaware	3015'
				Bone Spring	6805'
					TD 11912'

## 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 7/25/11

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