

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTEIVE
06 OCT 10 2012
MO
ESFORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010
LEASE DESIGNATION AND SERIAL NO

WELL COMPLETION OR RECOMPLETION

NMNM120895

INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT

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

Other

2 Name of Operator

COG Production LLC

Patron 23 Federal #1H

3 Address

2208 W. Main Street
Artesia, NM 88210

3a Phone No (include area code)

575-748-6940

4 API WELL NO

30-015-36776

Location (report location as it is in accordance with the requirements)

At surface 990' FNL & 560' FWL, Unit D (NWNW) of Sec 23-25S-29E

At top prod. Interval reported below

At total depth 335' FSL & 757' FWL, Unit M (SWSW) of Sec 23-25S-29E

14 Date Spudded 5/12/12 15 Date T D Reached 5/30/12 16 Date Completed 8/9/12 ☐ D & A ☒ Ready to Prod 17 ELEVATIONS (DF, RKB, RT, GR, etc)* Edc NM 3104' GR 3122' KB

18 Total Depth MD 11471' TVD 7741' 19 Plug back T D MD 11467' TVD 7741' 20 Depth Bridge Plug Set MD TVD

21 Type Electric & 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	542'		500 sx		0	None
12 1/4"	9 5/8" J55	36#	0	3160'		950 sx		0	None
7 7/8"	5 1/2" P110	17#	0	11471'		1800 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"	7213'	7206'						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf Status
A) Bone Spring	7745'	11430'	7745-11430'	0.43	640	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 2-9-13

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
9/18/12	9/21/12	24	→	668	3340	2652			Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	1450#	750#	→	668	3340	2652			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)

BUREAU OF LAND MANAGEMENT
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 Flwe 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 Flwe 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.

Formation	Top	Bottom	Descriptions Contents, Etc	Name	Top
					Measured Depth
Delaware Bone Spring	3224'	6985'		Rustler	60'
	6986'	11471'		Top of Salt	1713'
				Bottom of Salt	3024'
				Delaware	3224'
				Bone Spring	6986'
					TD 11471'

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 9/24/12

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.

Patron 23 Federal #1H

30-015-36776

Sec 23-T25S-R29E

<u>Perforations</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
11242-11430'	3129	293835	349855
10949-11145'	2975	299516	341885
10656-10852'	3028	302546	343261
10363-10559'	6048	301491	357749
10069-10266'	3015	295655	342028
9776-9973'	3004	301682	343718
9483-9680'	3007	271204	344069
9190-9387'	3004	301011	343663
8897-9094'	2987	304512	347098
8604-8801'	3055	319762	347492
8311-8508'	3027	350395	348597
7745-8163'	<u>3026</u>	<u>451154</u>	<u>309553</u>
Totals	39305	3792763	4118968