

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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NMNM100342

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv Other _____				6 INDIAN ALLOTTEE OR TRIBE NAME  7 UNIT AGREEMENT			
2 Name of Operator <b>COG Operating LLC</b>				8 FARM OR LEASE NAME <b>Airbus 12 Federal #2H</b>			
3 Address <b>2208 W. Main Street  Artesia, NM 88210</b>			3a Phone No (include area code) <b>575-748-6940</b>		9 API WELL NO <b>30-015-39503</b>		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>330' FNL &amp; 330' FWL, Unit D (NWNW) Sec 12-T19S-R31E</b>  At top prod    Interval reported below  At total depth <b>333' FSL &amp; 426' FWL, Unit M (SWSW) Sec 12-T19S-R31E</b>				10 FIELD NAME <b>Greenwood; Bone Spring</b>			
				11 SEC T. R. M. OR BLOCK AND SURVEY OR AREA <b>12</b> T <b>19S</b> R <b>31E</b>			
				12 COUNTY OR PARISH <b>Eddy</b>		13 STATE <b>NM</b>	
14 Date Spudded <b>10/23/11</b>		15 Date T D Reached <b>11/11/11</b>		16 Date Completed <b>5/5/12</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 ELEVATIONS (DF, RKB, RT, GR, etc )* <b>3615'</b> GR <b>3632'</b> KB	
18 Total Depth    MD <b>13457'</b> TVD <b>9054'</b>		19 Plug back T.D    MD <b>13454'</b> TVD <b>9054'</b>		20 Depth Bridge Plug Set    MD TVD			
21 Type Electric & other Logs Run (Submit a copy of each) <b>DLL, DSN</b>				22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			

23. Casing and Liner Record (Report all strings set in well)

[illegible]

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"	8400'							

## 25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	9220'	13437'	9220-13437'	0.43	368	Open
B)						
C)						
D)						

## 27 Acid Fracture Treatment, Cement Squeeze, Etc

Depth Interval	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>RECEIVED</b>  JUN 05 2012  <b>NMOCD ARTESIA</b> </div>	Amount and Type of Material	<b>RECLAMATION</b> <b>DUE 11-5-12</b>
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
5/10/12	5/13/12	24	→	392	165	1498			Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
22/64"	210#	440#	→	392	165	1498			Producing JUN 3 2012

## 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 <i>[Signature]</i>
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil Bbl	Gas MCF	Water Bbl	Gas, Oil Ratio	Well Status	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

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

## 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.)

Flared

## 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	5135'	6776'		Rustler	745'
Bone Spring	6777'	13457'		Top of Salt	833'
				Bottom of Salt	2582'
				Yates	2751'
				Seven Rivers	2842'
				Queen	3452'
				Delaware	5135'
				Bone Spring	6777'
					TD 13457'

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

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 5/24/12

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

RECEIVED  
 2012 MAY 29 AM 7:47  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

**AIRBUS 12 FEDERAL #2H****30-015-39503****Sec 12-T19S-R31E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13002-13437'	3000	382435	309876
12461-12895'	3000	376117	326382
11921-12354'	2973	328832	307020
11381-11814'	3008	373636	297868
10841-11274'	2984	374830	281297
10300-10744'	2961	373712	280153
9760-10193'	2916	373793	280715
9220-9653'	2998	365496	265176
<b>Totals</b>	<b>23840</b>	<b>2948851</b>	<b>2348487</b>