

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM122620

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. INDIAN ALLOTTEE OR TRIBE NAME	
b. Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resv.		7. UNIT AGREEMENT	
2. Name of Operator COG Operating LLC		8. FARM OR LEASE NAME Airacuda Federal #2H	
3. Address 2208 W. Main Street Artesia, NM 88210		9. API WELL NO. 30-025-40407	
3a. Phone No. (include area code) 575-748-6940		10. FIELD NAME DB S 253324D; Upper	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FNL & 1980' FEL, Unit B (NWNE) Sec 31-T25S-R33E At top prod. Interval reported below At total depth 4950' 235' TSS & 1890' FEL, Unit O (SWSE) Sec 31-T25S-R33E		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 31 T 25S R 33E	
14. Date Spudded 12/13/12		15. Date T.D. Reached 1/6/13	
16. Date Completed ☐ D & A ☒ Ready to Prod.		17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 3401' GR 3420' KB	
18. Total Depth: MD 14130' TVD 9842'		19. Plug back T.D.: MD 14090' TVD 9842'	
20. Depth Bridge Plug Set: MD 14090' TVD 9842'			

21. Type Electric & other Logs Run (Submit a copy of each) DSN, DLL	22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)
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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	970'		550 sx		0	None
12 1/4"	9 5/8" J55	40#	0	4778'		1500 sx		0	None
7 7/8"	5 1/2" P110	17#	0	14130'		1950 sx		1550'	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"	9298'								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status	
A) Bone Spring	9976'	14060'	9976-13972'	0.43	460	Open	
B)			14050-14060'		60	Open	
C)							
D)							

27. Acid Fracture Treatment, Cement Squeeze, Etc.		Amount and Type of Material	
Depth Interval	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
3/23/13	4/19/13	24	→	1067	1887	1819			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	330#	680#	→	1067	1887	1819			

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)

RECLAMATION
DUE 9.20-13

ACCEPTED FOR RECORD
Flowing

Producing
MAY 18 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

MAY 23 2013

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	4834'	9024'		Rustler	862'
Bone Spring	9025'	14130'		Top of Salt	1216'
				Bottom of Salt	4699'
				Delaware	4834'
				Bone Spring Lime	9025'
				1st Bone Spring	9912'
					TD. 14130'

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 4/22/13

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.

AIRACUDA FEDERAL #2H**30-025-40407****Sec 31-T25S-R33E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13681-13972'	2996	376888	317950
13270-13580'	2961	405905	301333
12858-13169'	3026	403109	298984
12446-12757'	3155	397701	306644
12034-12345'	3029	401501	303111
11623-11934'	3000	402416	302711
11211-11522'	3027	405496	287361
10799-11110'	3087	400377	278843
10388-10698'	3068	401400	282195
9976-10287'	5529	439303	293712
Totals	32878	4034096	2972844