

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NMNM086

HOBBS OCD
JAN 24 2014
RECEIVED

COMPLETION OR RECOMPLETION REPORT AND LOG

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. Resvr. Other _____		7. UNIT AGREEMENT	
2. Name of Operator COG Operating LLC		8. FARM OR LEASE NAME Tusk Federal #4H	
3. Address 2208 W. Main Street Artesia, NM 88210		3a. Phone No. (include area code) 575-748-6940	
9. API WELL NO. 30-025-41358		10. FIELD NAME Lea; Bone Spring	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 250' FSL & 2080' FEL, Unit O (SWSE) of Sec 25-T19S-R34E At top prod. Interval reported below At total depth 325' FNL & 2001' FEL, Unit B (NWNE) of Sec 25-T19S-R34E		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 25 T 19S R 34E	
12. COUNTY OR PARISH Lea		13. STATE NM	
14. Date Spudded 9/17/13		15. Date T.D. Reached 10/10/13	
16. Date Completed ☐ D & A ☒ Ready to Prod. 11/11/13		17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 3736' GR 3753' KB	
18. Total Depth: MD 15489' TVD 10838'		19. Plug back T.D.: MD 15454' TVD 10838'	
20. Depth Bridge Plug Set: MD TVD			

21. Type Electric & other Logs Run (Submit a copy of each)		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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	1869'		1095 sx		0	None
12 1/4"	9 5/8" J55	36#	0	3737'		1060 sx		0	None
7 7/8"	5 1/2" P110	17#	0	15458'		2030 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"	10325'								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	11211'	15375'		11211-15315'	0.43	480	Open
B)				15365-15375'		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
11/13/13	12/6/13	24	→	508	384	491	
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio
	250#	120#	→	508	384	491	
							Well Status
							Producing

28a. Production- Interval B							
Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio
			→				
							Well Status
							Producing

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

ACCEPTED FOR RECORD
JAN 20 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
PumpingRECLAMATION
DUE 5-11-14

JAN 27 2014

28b. Production- Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravitv	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 Gravitv	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
Bone Spring	8142'	10972'		Rustler Top of Salt Base of Salt Bone Spring Lime 1st Bone Spring 2nd Bone Spring 3rd Bone Spring Wolfcamp	1809' 1898' 3328' 8142' 9530' 10075' 10787' 10973'
					TD. 11250' PH

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

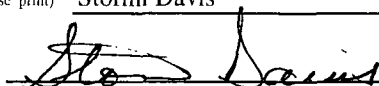
- ☐ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

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 1/8/14

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.

TUSK FEDERAL #4H**30-025-41358****Sec 25-T19S-R34E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
15032-15315'	6006	423831	456918
14607-14893'	5964	308123	260484
14183-14466'	6006	303853	258594
13758-14041'	6048	301126	258804
13334-13613'	6066	301668	258468
12909-13192'	5982	295034	255654
12485-12768'	5982	304817	254310
12063-12343'	6024	303857	254478
11636-11919'	6024	295723	251748
11211-11494'	6048	290802	248976
Totals	60150	3128834	2758434