

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED

OMB NO. 1004-0137

Expires: July 31, 2010

5. LEASE DESIGNATION AND SERIAL NO.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NMNM108976

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						6. INDIAN ALLOTTEE OR TRIBE NAME			
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. Resvr.						7. UNIT AGREEMENT			
2. Name of Operator COG Operating LLC						8. FARM OR LEASE NAME Outlaw 22 Federal Com #1H			
3. Address 2208 W. Main Street Artesia, NM 88210				3a. Phone No. (include area code) 575-748-6940		9. API WELL NO. 30-025-40725			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 660' FNL & 1980' FEL, Unit B (NWNE) Sec 22-T20S-R33E At top prod. Interval reported below At total depth 652' FSL & 1926' FEL, Unit O (SWSE) Sec 22-T20S-R33E						10. FIELD NAME Teas; Bone Spring			
						11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 22 T 20S R 33E			
						12. COUNTY OR PARISH Lea		13. STATE NM	
14. Date Spudded 8/30/12		15. Date T.D. Reached 10/7/12		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 3588' GR 3608' KB			
18. Total Depth: MD 14930' TVD 11196'		19. Plug back T.D.: MD 14882' TVD 11195'		20. Depth Bridge Plug Set: MD 14882' TVD					
21. Type Electric & other Logs Run (Submit a copy of each) CNL, Laterolog						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)									
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
20"	16" J55	65#	0	1386'		1400 SX		0	None
14 3/4"	11 3/4" J55	54#	0	3516'		1450 SX		0	None
10 5/8"	8 5/8" J55	32#	0	5002'	3383'	985 SX		0	None
7 7/8"	5 1/2" P110	17#	0	14930'		2050 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"	10642'	10626'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. of Holes	Perf. Status	
A) Bone Spring		11103'	14866'	11103-14798'		0.43	360	Open	
B)				14856-14866'		0.43	60	Open	
C)									
D)									
27. Acid, Fracture Treatment, Cement Squeeze, Etc.									
Depth Interval			Amount and Type of Material						
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
12/22/12	1/3/13	24	→	340		1312			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
Open	100#	150#	→	340		1312		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)

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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.)

Flaring

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	8335'	14930'		Rustler	1382'
				Top of Salt	1477'
				Base of Salt	3160'
				Bone Spring Lime	8335'
				First Bone Spring	9412'
				Second Bone Spring	9949'
				Third Bone Spring	10856'
					TD. 14930'

32. Additional remarks (include plugging procedure):

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

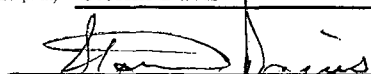
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

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 1/22/13

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.

OUTLAW 22 FEDERAL COM #1H

30-025-40725

Sec 22-T20S-R33E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
14451-14798'	2372	302630	275576
14159-14416'	3000	299127	255888
13777-14034'	3012	299313	253002
13395-13652'	2906	299661	254324
13013-13270'	3001	301409	254526
12631-12888'	2994	309735	256558
12249-12506'	3001	302864	254034
11867-12124'	3003	297430	250644
11485-11742'	3028	299216	251596
11103-11360'	3046	163586	198150
Totals	29363	2874971	2504298