

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.

NMNM0631

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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							
Other		8. FARM OR LEASE NAME Tiger 11 Federal #1H							
2. Name of Operator COG Operating LLC		9. API WELL NO. 30-025-40430							
3. Address 2208 W. Main Street Artesia, NM 88210		3a. Phone No. (include area code) 575-748-6940							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 30' FNL & 990' FWL, Unit D (NWNW) Sec 11-T20S-R34E At top prod. Interval reported below At total depth 451' FNL & 989' FWL, Unit M (SWSW) Sec 11-T20S-R34E		10. FIELD NAME Lea; Bone Spring							
11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 5 T 19S R 32E		12. COUNTY OR PARISH Lea							
13. STATE NM		17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 3656' GR 3677' KB							
14. Date Spudded 9/12/12	15. Date T.D. Reached 10/30/12	16. Date Completed 12/8/12 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	20. Depth Bridge Plug Set: MD 15542' TVD 10900'						
18. Total Depth: MD 15596' TVD 10899'	19. Plug back T.D.: MD 15542' TVD 10900'	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)							
21. Type Electric & other Logs Run (Submit a copy of each) None									
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	1712'		1300 sx		0	None
12 1/4"	9 5/8" J55, N80	36# & .40#	0	5461'	3678'	3850 sx		0	None
7 7/8"	5 1/2" P110	17#	0	15594'		2200 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"	10309'	10309'							
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status			
A) Bone Spring	11177'	15510'	11177-15437'	0.43	396	Open			
B)			15500-15510'	0.43	60	Open			
C)									
D)									
27. Acid, Fracture Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
See Attached		See Attached							
		RECLAMATION							
		DUE 6-8-13							
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
12/19/12	1/2/13	24	→	893	688	910			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	Producing
Open	100#	60#	→	893	688	910		ACCEPTED FOR RECORD	
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
			→						JAN 27 2013
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.)

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	8235'	15596'		Rustler	1579'
				Top of Salt	1660'
				Base of Salt	3300'
				Bone Spring Lime	8235'
				First Bone Spring	9506'
				Second Bone Spring	10049'
				Third Bone Spring	10739'
					TD. 15596'

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 1/16/13

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.

TIGER 11 FEDERAL #1H**30-025-40430****Sec 5-T19S-R32E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
15174-15437'	2956	299701	277467
14744-15042'	3205	300248	292273
14374-14642'	3016	298172	258629
13975-14243'	3025	296416	256846
13575-13843'	3206	296228	253530
13175-13444'	2880	298868	224561
12776-13044'	3057	296654	259630
12376-12644'	3259	299905	254382
11976-12243'	3009	303935	254598
11577-11845'	3049	278197	279183
11177-11445'	1762	294557	247339
Totals	32424	3262881	2858438