

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

SHL: NM55929, BHL: NM117121

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 Showstopper 19 Federal #6H	
3. Address 2208 W. Main Street Artesia, NM 88210		9. API WELL NO. 30-015-37480	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FSL & 775' FWL, Lot 4 (SWSW) At top prod. Interval reported below At total depth 350' FNL & 358' FWL, Lot 1 (NWNW)		10. FIELD NAME Willow Lake; Bone Spring, SE	
14. Date Spudded 9/29/10		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 19 T 25S R 29E	
15. Date T.D. Reached 10/16/10		12. COUNTY OR PARISH Eddy	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 4/13/11		13. STATE NM	
17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 2940' GR 2958' KB			
18. Total Depth: MD 11569' TVD 7114'		19. Plug back T.D.: MD 11497' TVD 7112'	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & other Logs Run (Submit a copy of each) DLL, DSN		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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	260'		300 sx		0	None
12 1/4"	9 5/8" J55	36#	0	2665'		1050 sx		0	None
7 7/8"	5 1/2" N80	17#	0	11558'	6569'	1700 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"	6049'	6049'							

25. Producing Intervals					26. Perforation Record		
Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status	
A) Bone Spring	7192'	11460'	7192-11460'			Open	
B)							
C)							
D)							

27. Acid, Fracture Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
7192-11460'	Acidz w/48000 gal 15%; Frac w/4899356# sand & 3634779 gal fluid								

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
4/24/11	4/25/11	24	→	403	2700	2392			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
3/4"	1400#	650#	→	403	2700	2392		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.)

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 Bone Spring	2740'	6409'		Top of Salt	360'
	6410'	11569'		Bottom of Salt	2549'
				Delaware	2740'
				Cherry Canyon	3656'
				Brushy Canyon	5454'
				Bone Spring	6410'
					TD. 11569'

32. Additional remarks (include plugging procedure):

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

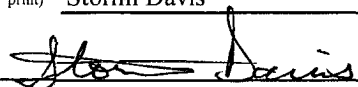
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

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 4/27/11

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.