

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MODES OGD

OCT 30 2014

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 1b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						5. Lease Serial No. NM-92199 VB 2228			
2. Name of Operator Caza Operating, LLC						6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.			
3. Address 200 N. Loraine, Suite 1550, Midland, Texas 79701				3a. Phone No. (include area code) 432 682 7424		8. Lease Name and Well No. West Copperline 29 Fed State Com # 4H 9. API Well No. 30-025-41802			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 150' FNL & 660 FWL, Sec 29 T-23-S, R-34-E At top prod. interval reported below 517 FNL & 713 FWL, Sec 29 T-23-S, R-34-E At total depth 712 FSL & 714 FWL, Sec 29, T-23-S, R-34-E						10. Field and Pool or Exploratory Antelope Ridge; Bone Spring, West 2209 11. Sec., T., R., M., on Block and Survey or Area Sec 29 T23S-R34E 12. County or Parish Lea 13. State NM			
14. Date Spudded 05/07/2014		15. Date T.D. Reached 06/02/2014		16. Date Completed 07/06/2014 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3563' GL			
18. Total Depth: MD 16,015 TVD 11,448		19. Plug Back T.D.: MD 15,960 TVD 11,448		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Cased hole Compensated Neutron Gamma Ray/CCL Log 15,700' - Surface						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" J-55	54.5#	Surf	1162	1040	885 sks "C"	250 bbls	Surface	
12-1/4"	9-5/8" J-HCK	40#	Surf	5085		1290 sks "C"	440 bbls	Surface	
8-3/4"	5-1/2" P	20#	Surf	16,009		2055 sks "C"	771 bbls	5600' CBL	
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"	10,834	10,837							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Bone Springs (3rd)		11280	11457	11,562' - 15,887'		.40"EHD	672	Active	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
11,562' - 15,887'		52,000 gals 15% HCL NEFE Acid							
11,562'-15,887'		2,913,960 bbls FW using 10,16, 20 lb borate (16 & 20 lb XL). Propped w/ 215,240 lbs 30/50 ProLite Ceramic & 3,443,540 lbs 20/40 ProLite ceramic.							
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
7-06-14	7-15-14	24	→	1032	2405	1664	44.2	.8016	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	2950	0	→	1032	2405	1664	2330	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 (Solid, 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
					Meas. Depth
				Rustler Top of salt	1005' 1555'
				Castile Base of salt	2850' 4794'
				Bell Canyon Cherry Canyon	5155' 6050'
				Brushy Canyon Bone Spring	7265' 8635'
				1st Bone Springs 2nd Bone Springs	9750' 10,310'
				3rd Bone Springs	11,290'

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 req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☒ Other: Directional Survey; Schematic; C-104; C-102 amended;

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) Richard L. WrightTitle Operations Manager

Signature

Richard L. WrightDate 07/17/2014

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.

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