

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

OCD Artesia

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a TYPE OF WELL ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 1b TYPE OF COMPLETION ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr

2. NAME OF OPERATOR

Capstone Natural Resources, LLC

3. ADDRESS

2250 E. 73rd St., Suite 500, Tulsa, OK 74136

3A. PHONE NO.

918-236-3804

4. LOCATION OF WELL (Report location clearly and in accordance with Federal requirements)*

At surface 330' FSL & 330' FEL

At top prod. interval reported below SAME

At total depth SAME

14. DATE SPUDDED

1/18/13

15. DATE TD REACHED

1/25/13

16. DATE COMPLETED

☐ D&A☒ Ready to Prod18. TOTAL DEPTH: MD
TVD4490'
Same19. PLUG BACK TD: MD
TVDMD 4445'
TVD20. DEPTH BRIDGE PLUG SET: MD
TVD

3942' GL

21. TYPE ELECTRIC & OTHER MECH LOGS RUN (Submit copy of each)

DLL & Comp Neutron Litho Density

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. CASING and LINER RECORD (Report all strings set in well)

Line Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cmttr Depth	No. of Sk. & Type of Cmt	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	24#, J-55	0	694		450 sx Class C		Circ surface	
7 7/8"	5 1/2"	15.5# J-55	0	4488'		955 sx POZ H		Circ surface	

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"	3395'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf Status
A) Grayburg	3433	4206	3433-4206	.31	26	OPEN
B)						
C)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval

Amount and Type of Material

3433-4206'

Acidized with 12 bbls. of 15% NeFe HCL

3433-4206'

Frac w/63,993# AZ white sand, 24393# 16/30 Preferred Garnet RC sand in 25# x-link borate

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
2/16/13	2/17/13	24	→	37	60	132	35.3		Pump
Choke Size	Tbg. Press Flwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	140 psi	60 psi	→	37	60	132	1622	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	

5. LEASE SERIAL NO.

NMLC-029418B

6. IF INDIAN, ALLOTEES OR TRIBE NAME

7. UNIT OR CA AGREEMENT NAME

8. LEASE NAME AND WELL NO.

LEA C FEDERAL 17

9. API WELL NO.

30-015-40879

10. FIELD AND POOL, OR EXPLORATORY

GRAYBURG JACKSON;SR-Q-GB-SA

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 11, T17S, R31E, NMPM

12. COUNTY

13. STATE

EDDY

NM

17. ELEVATIONS (DF. RKB, RG, GL)*

RECEIVED

MAR 26 2013

NMOCD ARTESIA

RECLAMATION
DUE 8-16-13

ACCEPTED FOR RECORD

MAR 24 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

am

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.)

VENTED - Pending gas connection

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flow and shut-in pressures and recoveries.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Rustler	645	760	Sand & Salt	Rustler	645
Salt	760	1969	Salt	Salt	760
Yates	1969	2917	Sand & Salt	Yates	1969
Queen	2917	3332	Sand and Dolomite	Queen	2917
Grayburg	3332	3692	Sand and Dolomite	Grayburg	3332
San Andres	3692		Dolomite	San Andres	3692

31. Formation (Log) Markers

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

Mailed Separately

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other

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) Debbie McKelvey 575-392-3575Title AGENTSignature Debbie McKelveyDate 2/28/13