

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 28 2014
OCD Artesia

NMOC D ARTESIA

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 #4

9. API WELL NO.

30-015-05132

10. FIELD AND POOL, OR EXPLORATORY

Grayburg Jackson

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

Sec. 11, T17S, R31E, NMPM

12. COUNTY

EDDY

13. STATE

NM

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.

575-392-3575 D. McKelvey, Agent

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

At surface 1980' FSL & 1980' FEL

At top prod. Interval reported below SAME

At total depth SAME

14. DATE SPUDDED

4/7/61

15. DATE TD REACHED

5/6/61

16. DATE COMPLETED

☐ D&A

☒ Ready to Inject 3/6/14

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

3954' DF

18. TOTAL DEPTH: MD
TVD

3798'
Same

19. PLUG BACK TD: MD
TVD

20. DEPTH BRIDGE PLUG SET: MD
TVD

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

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)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cmr Depth	No. of Sk. & Type of Cmt	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
10"	8 5/8" J55	24#	0	894		125 sx		Unknown	
7 7/8"	5 1/2" J55	15.5	0	3700'		385 sx		1380'	

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 3/8	3374'	3374'	5 1/2"					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf Status
A) Grayburg Perfs	3443'	3682'	3443, 99, 3503, 15, 43, 58, 74, 92 3604, 25, 33, 50, 60, 69, 82	3/8"	24	Open
B) San Andres Open Hole	3700'	3798'	Open Hole			

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

Depth Interval	Amount and Type of Material
3433-3798'	2000 gals. NEFE HCL 15% acid using 2000# of rock salt diverter

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
3/26/14		24	→						INJECTION
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Injecting an average of 400 BWPD	

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	

ACCEPTED FOR RECORD

APR 19 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

INJECTION

Well Status
Injecting an average of 400 BWPD

AB

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.)

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
	0	634	Sand & red beds		
	634	833	Anhydrite		
	833	1808	Salt		
	1808	1967	Anhydrite		
	1967	2295	Sand & anhydrite		
	2295	2912	Dolomite, anhydrite & sand		
	2912	3105	Sand & anhydrite		
	3105	3362	Sand		
	3362	3643	Dolomite & sand		
	3643	3691	Sand		
	3691	3798	Dolomite		

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☐ 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 McKelveyTitle AGENTSignature Debbie McKelveyDate 3/27/14