

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_

2. Name of Operator  
Capstone Natural Resources, LLC

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

3a. Phone No. (include area code)  
918-236-3800

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
SE NW, 1980' FNL & 1980' FWL Sec. 11, Township 17S, Range 31E  
At surface

SE NW, 1980' FNL & 1980' FWL Sec. 11, Township 17S, Range 31E

At top prod. interval reported below

At total depth 3970' Same as above

14. Date Spudded  
04/22/1972

15. Date T.D. Reached  
04/29/1972

16. Date Completed 05/09/1972  
☐ D & A ☒ Ready to Prod.

5. Lease Serial No.  
LC-029418-B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Lea C #7

9. AFI Well No.  
3001520627

10. Field and Pool or Exploratory  
Grayburg Jackson, 7 Rivers-QN-GB-SA

11. Sec., T., R., M., on Block and  
Survey or Area 1980 FNL & 1980 FWL, Sec 11, T  
17S, R31E

12. County or Parish  
EDDY

13. State  
TX

17. Elevations (DF, RKB, RT, GL)\*  
3955 DF

18. Total Depth: MD 3970'  
TVD 3970'

19. Plug Back T.D.: MD 3938'  
TVD 3938'

20. Depth Bridge Plug Set: MD none  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Capstone did not receive any logs from previous operator. Strip log attached.

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11"	8 5/8	24#	surface	650'	650'	350 sx Class C	n/a	Surface	none
7 7/8"	5 1/2	15.5#	surface	3970'	3970'	1600 sx class C	n/a	1370'	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 3/8	3901'	none						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg-San Andres	3407'	3987'	3407'-3895'	.375	20	Producing
B) Grayburg-San Andres	3407'	3987'	3441'-3818'	.36	9	Producing (new on this WO)
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
3407'-3895'	3000 gals 15% HCL Acid

RECEIVED

JAN 30 2013

NMOCD ARTESIA

## 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
05/09/72	11/14/12	24	→	2.5	0	12	33.6		Rod pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1"	0	50	→	2.5	0	12	n/a	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	
			→						

ACCEPTED FOR RECORD

JAN 26 2013

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 (*Solid, used for fuel, vented, etc.*)  
 vented

## 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

n/a

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Salado Salt	802'	1772'	salt		
Yates	1957'	2142'	sand, salt		
Seven Rivers	2292'	2534'	sand		
Queen	2912'	n/a	sand		
Grayburg	3409'	3652'	carbonate		
San Andres	3652'	4500'	Carbonate		

## 32. Additional remarks (include plugging procedure):

We are researching to find logs ran during original completion in 1972. Please find attached a strip log that is all we have available at present time. Previous operator had no logs when we acquired property.

## 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: only log available is attached.

## 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) Darren SeglemTitle Production ManagerSignature Date 12/13/2012

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.

20627  
LEA 7C  
ELEV KB: 3,959

Subsea  
Depth(ft)  
600 -

Subsea  
Depth(ft)  
600 -

550 -

550 -

500 -

500 -

450 -

450 -

400 -

400 -

350 -

350 -

300 -

300 -

250 -

250 -

200 -

200 -

150 -

150 -

100 -

100 -

50 -

0 -

-50 -

New Perts

3843

3843

3843

3862

3813

MIDDLE\_GYBG=496

SNDR

LOVINGTON=180

JACKSON=164

(1) IPP: TestType: IPP  
Test Volumes  
70 BPD OIL  
4 BB WATER

