

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
FOR OGD RECORD ONLY

2. NAME OF OPERATOR
Capstone Natural Resources, LLC

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

3A. PHONE NO.
918-236-3800

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

At surface **1980 FSL & 660 FEL**

At top prod. Interval reported below **SAME**

At total depth **SAME**

14. DATE SPUDDED

7/30/1972

15. DATE TD REACHED

8/5/1972

16. DATE COMPLETED

☐ D&A ☒ Ready to Prod **8/23/13**

18. TOTAL DEPTH: MD
TVD

4020'
Same

19. PLUG BACK TD: MD
TVD

3988'
Same

20. DEPTH BRIDGE PLUG SET: MD
TVD

3954' GL

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 Cntr Depth	No. of Sk. & Type of Cmt	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
11"	8 5/8"	24#, J-55	0	652		350 sx Class C		Circ surface	
7 7/8"	5 1/2"	15.5# J-55	0	4020'		1100 sx Class C		950'	

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	3896'	None						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf Status
A) Grayburg San Andres	3429	3956'	Reperf 3429-3956	.36	33	3429-3956' OPEN
B)						
C)						

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

Depth Interval	Amount and Type of Material
3429-3956'	Acidized with 41 bbls. of 15% NeFe HCL
3429-3956'	Frac w/ 5574 bbls. fluid w/40/70 sand

RECEIVED

SEP 23 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
8/23/13	9/3/13	24	➡	0	0	102			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	➡	0	0	102		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	

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
Salado Salt Top	802	1772	Salt		
Yates	1957	2142	Sand, gas		
Seven River	2292	n/a	n/a		
Queen	2912	n/a	n/a		
Grayburg	3429	n/a	n/a		
San Andres	3697	3987	n/a		

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 McKelvey 575-392-3575Title AGENT

Signature

Debbie McKelvey

Date

9/9/13

Capstone Natural Resources

12 Feb 2013 CAB

Lease :	Lea "C" #14	Existing Perfs	Casing			
Field :	Grayburg Jackson	3429; 3454; 3493; 3514; 3532; 3544; 3554; 3572; 3592; 3602; 3618; 3629; 3647; 3659; 3673; 3681; 3687; 3693; 3697. (All intervals shot 1 spf 19 holes total). 3748; 3766; 3793; 3802; 3809; 3817; 3823; 3829; 3855; 3861; 3899; 3927; 3945; 3956; 3963; 3984; 3987. (All intervals shot 1 spf 17 holes total).	Size	Weight	Grade	Depth
GR:	3954.00		8 5/8	24	J-55	652
Legals :	Sec 11-17S-31E		5 1/2	14 & 15.5	J-55	4,020
Unit I 660' FEL & 1980' FSL						
Eddy County, NM						
API: 30-015-20705		Tubing				
Directions to Location :		Size	Weight	Grade	Depth	
		2-3/8"	4.7		3,896	
New Perforations (8-7-13)						

New Perforations (8-7-13)
3429; 3454; 3493; 3514; 3532; 3544; 3554;
3572; 3592; 3602; 3618; 3629; 3647; 3659;
3673; 3681; 3687; 3693; 3697; 3748; 3766;
3793; 3802; 3809; 3817; 3823; 3829; 3855;
3861; 3899; 3927; 3945; 3956. (New Perfs
were reshoot of old perfs.)

8-5/8" 24# @ 652' (11" Hole)

Cmt with 350 Sacks. 225 Sx Class "C" w/ 4% gel 1/4#
Celloflakes/sk & 125 sx Class "C" neat w/ 2% CaCL.
(Circulated to surface.)

Casing Leak 494 - 557
Sqz'd w/ 650 Sx Dec '94

Tubing Detail	
105 jts 2-3/8"	@ 3329'
TAC	@ 3323'
15 jts 2-3/8"	@ 3795'
1 jt 2-3/8" EA	@ 3826'
SN	@ 3827'
2 jts 3-1/2" UFJ	@ 3895'
3-1/2" Bull plug	@ 3896'

Top of fill and old CIBP @
3960'.

5-1/2" 14&15.5# J-55 @ 4020'
7-7/8" hole TD @ 4020'

800 sx Dowell Light Weight w/ 10#
salt & 1/4# Celloflakes per sack &
300 Sx Class "C" w/ 2% CaCL. 14#
in Btm 86 Joints (2730'), 15.5# in
Top 40 Joints (1271'). TOC @ 950'
Tmp Survey

PBTD 3960