

OCD-ARTESIA

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMBNO 1004-0137
Expires March 31, 2007

MAY 28 2008

Lease Serial No
NMLC-054988A1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb Type of Completion ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff Resvr.
Other _____2 Name of Operator **COG Operating LLC**3 Address **550 W. Texas, Ste.1300
Midland, Texas 79701**3a Phone No (include area code)
432-685-43959 AFI Well No
30-015-32279

4 Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **1100' FNL & 2230' FWL, Unit C**

At top prod interval reported below

At total depth

14 Date Spudded
05/27/200215 Date T D Reached
02/28/200816 Date Completed **04/17/2008**
☐ D & A ☒ Ready to Prod17 Elevations (DF, RKB, RT, GL)*
3672' RKB18. Total Depth MD **6055**
TVD19 Plug Back T D MD **5911**
TVD20 Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Spectral Gamma Ray22 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 Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48		429'		450 sxs			None
12 1/4	8 5/8	24		1038		575 sxs			None
7 7/8	5 1/2	17		4893		1020 sxs			None
4 3/4	4	11.3		6043		150 sxs			80 sxs

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	4766							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Yeso	4350	5810	4364'-4810'		99	Open
B) Yeso	4350	5810	5340'-5540'		32	Open
C) Yeso	4350	5810	5610'-5810'		42	Open
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5340'-5540'	Acidize w/5,000 gal 15% HCL. Frac w/122,000 gal lightning 25#; 149,843# 16/30 white; 28,958# SiberProp
5610'-5810'	Acidize w/2500 gal 15% acid. Frac w/63,000 gal 22# Lightning X-Link; 68,962# white sand; 21,443# SiberProp

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
04/19/2008	04/23/2008	24	→	19	7	215	37.9		Pumping
Choke Size	1bg Press 11wg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				368		

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	1bg Press 11wg 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)

ACCEPTED FOR RECORD

MAY 24 2008

J. Amos

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
Yates		1197			
Seven Rivers		1501			
Queen		2120			
San Andres		2840			
Glorietta		4382			
Yeso	4350	5810			

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) Carol Ann LanceTitle Regulatory Analyst

Signature

Carol Ann LanceDate 05/01/2008

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

Bureau of Land Management
Received

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MAY 15 2008
Carlsbad Field Office