


 UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

 RECEIVED
New Mexico Oil Conservation Division, District I

APR 22 2010

 1625 N. French Drive
Hobbs, NM 88240

 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		5 Lease Serial No NMNM105887	
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr Other _____		6 If Indian, Allottee or Tribe Name	
2 Name of Operator COG OPERATING LLC		7 Unit or CA Agreement Name and No NMNM124171	
Contact KANICIA CARRILLO E-Mail kcarrillo@conchoresources.com		8. Lease Name and Well No. ANDROMEDA 14 FEDERAL COM 1H	
3 Address 550 W TEXAS SUITE 1300 MIDLAND, TX 79701		9. API Well No 30-005-27975-00-S1	
3a Phone No (include area code) Ph. 432-685-4332		10 Field and Pool, or Exploratory UNDESIGNATED-WOLFCAMP 97715	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot A 660FNL 330FEL 33.01172 N Lat, 103 47052 W Lon At top prod interval reported below Lot A 660FNL 330FEL 33 01172 N Lat, 103 47052 W Lon At total depth Lot D 708FNL 330FEL 49 56 E		11 Sec, T, R, M, or Block and Survey or Area Sec 14 T15S R31E Mer NMP	
14 Date Spudded 12/03/2009		15 Date TD Reached 01/16/2010	
16 Date Completed ☐ D & A ☒ Ready to Prod 02/13/2010		17 Elevations (DF, KB, RT, GL)* 4375 GL	
18 Total Depth MD 13287 TVD 8867		19 Plug Back TD MD 13287 TVD 8867	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL	
22 Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			

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
17 500	13 375 J-55	54 5	0	433		550		0	0
12 250	9 625 K-55	40 0	0	4025		310		0	0
8 750	7 000 P-110	26 0	0	8090		1150		0	0
6 125	4 500 P-110	11 6	7982	13160		0		0	0

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 875	7815							

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) WOLFCAMP	9221	12836	9221 TO 12836		10	OPEN (STRATA PORTS)
B)						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
9221 TO 12836	ACIDIZE W/31250 GALS 15% ACID
9221 TO 12836	FRAC W/ 1415420 GALS GEL, 1065150# 30/50 OTTAWA SAND, 250710# 30/50 TERRAPROP SAND

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
02/15/2010	02/17/2010	24	→	88 0	0 0	908 0		0 60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70 0	→	88	0	908		POW	

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	

APPROVED FOR 6 MONTH PERIOD

ACCEPTED FOR RECORD

S/ DAVID R. GLASS

APR 1 2010

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #83373 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

DAVID R. GLASS
PETROLEUM ENGINEER

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.)
NO MEASURABLE GAS

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
QUATERNARY WOLFCAMP	0 9221	200 12836	Dolomite & Anhydrite	SAN ANDRES GLORIETA TUBB ABO SHALE WOLFCAMP	4010 5440 6820 7485 8800

32 Additional remarks (include plugging procedure):
Logs will be sent via mail.

Packers
9,006
9,354
9,873
10,053
10,406

33 Circle enclosed attachments

- | | | | |
|--|-------------------|--------------|----------------------|
| 1 Electrical/Mechanical Logs (1 full set req'd) | 2 Geologic Report | 3 DST Report | 4 Directional Survey |
| 5 Sundry Notice for plugging and cement verification | 6 Core Analysis | 7 Other. | |

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Electronic Submission #83373 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 03/29/2010 (10DG0099SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 03/25/2010

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

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

- Additional data for transaction #83373 that would not fit on the form

32. Additional remarks, continued

11,284
11,597
11,911
12,182
12,664
13,060

We plan on submitting a good gas test once it starts producing

Revisions to Operator-Submitted EC Data for Well Completion #83373

	Operator Submitted	BLM Revised (AFMSS)
Lease	NMNM105887	NMNM105887
Agreement	NMNM124171	NMNM124171
Operator	COG OPERATING LLC 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701 Ph 432-685-4332	COG OPERATING LLC 550 W TEXAS SUITE 1300 MIDLAND, TX 79701 Ph 432-685-9158
Admin Contact	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph 432-685-4332	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph 432-685-4332
Tech Contact	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph 432-685-4332	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph 432-685-4332
Well Name Number	ANDROMEDA 14 FEDERAL COM 1	ANDROMEDA 14 FEDERAL COM 1H
Location State County S/T/R: Surf Loc.	NM CHAVES Sec 14 T15S R31E Mer Lot A 660FNL 330FEL 33 01172 N Lat, 103 47052 W Lon	NM CHAVES Sec 14 T15S R31E Mer NMP Lot A 660FNL 330FEL 33 01172 N Lat, 103 47052 W Lon
Field/Pool	WILDCAT, WOLFCAMP	UNDESIGNATED-WOLFCAMP
Logs Run	COMPENSATED NEUTRON	CNL
Producing Intervals - Formations	WOLFCAMP	WOLFCAMP
Porous Zones	SAN ANDRES GLORIETA TUBB ABO SH WOLFCAMP	QUATERNARY WOLFCAMP
Markers	DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	SAN ANDRES GLORIETA TUBB ABO SHALE WOLFCAMP