

Form 3160-4
(August 2007)

EC

New Mexico Oil Conservation Division - District 1

1625 N. French Drive

Hobbs, NM 88240

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 26 2010
HOBBSON

FORM APPROVED
OMB No 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMNM105885

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other		7. Unit or CA Agreement Name and No. NMNM123640	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. TAURUS STATE FEDERAL COM 2H	
3. Address 550 W TEXAS SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-005-27995-00-S1	
3a. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool, or Exploratory UNDESIGNATED-WOLFCAMP	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot I 1980FSL 330FEL 33.01431 N Lat, 103.48072 W Lon At top prod interval reported below Lot I 1980FSL 330FEL 33.01431 N Lat, 103.48072 W Lon At total depth Lot L 2017FSL 331FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 10 T15S R31E Mer NMP	
14. Date Spudded 10/16/2009		15. Date T.D. Reached 11/25/2009	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/14/2010		17. Elevations (DF, KB, RT, GL)* 4396 GL	
18. Total Depth: MD 13246 TVD 8815		19. Plug Back T.D.: MD 13246 TVD 8815	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 H-40	48.0	0	433		500		0	
12.250	9.625 K-55	40.0	0	4020		1300		0	
8.750	7.000 P-110	26.0	0	8000		1200		0	
6.125	4.500 P-110	11.6	7835	13246		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	7732							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9145	12491	9145 TO 12491		11	Open-Strata Ports
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9145 TO 12491	ACIDIZE W/4,642 BBLS 15% ACID
9145 TO 12491	FRAC W/ 57,275 BBLS GEL, 1,340,305# 30/50 BASF 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
01/14/2010	01/14/2010	24	→	30.0	84.0	113.0		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	→	30	84	113		APD	

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	
			→						

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

ELECTRONIC SUBMISSION #82437 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD
DAVID R. GLASS
MAR 18 2010
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.)

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
QUATERNARY WOLFCAMP	0 9145	150 12491	Dolomite & Anhydrite	SAN ANDRES GLORIETA TUBB ABO SHALE WOLFCAMP	4005 5385 6770 7440 8790

32. Additional remarks (include plugging procedure):

Logs will be sent via mail.

Packers:

9,283

9,601

10,089

10,442

10,844

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 #82437 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Roswell

Committed to AFMSS for processing by DAVID GLASS on 03/18/2010 (10DG0091SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 03/09/2010

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 **

Additional data for transaction #82437 that would not fit on the form

32. Additional remarks, continued

11,331
11,690
12,006
12,359
12,791
13,064

Revisions to Operator-Submitted EC Data for Well Completion #82437

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM105885	NMNM105885
Agreement:		NMNM123640
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:	TAURUS STATE-FEDERAL COM 2	TAURUS STATE FEDERAL COM 2H
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 10 T15S R31E Mer Lot I 1980FSL 330FEL 33.01431 N Lat, 103.48072 W Lon	NM CHAVES Sec 10 T15S R31E Mer NMP Lot I 1980FSL 330FEL 33.01431 N Lat, 103.48072 W Lon
Field/Pool:	WILDCAT;WOLFCAMP	UNDESIGNATED-WOLFCAMP
Logs Run:	COMPENSATED NEUTRON	COMPENSATEDNEUT
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