

HOBBBS
NOV 07 2012

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-4

EC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5 Lease Serial No
NMNM105885

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

6. If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

2 Name of Operator
COG OPERATING LLC
Contact: BRIAN MAIORINO
E-Mail: bmaiorino@concho.com

8 Lease Name and Well No.
LEO 3 FEDERAL COM 2H

3 Address ONE CONCHO CENTER 600 WILLINOIS AVENUE
MIDLAND, TX 79701

3a Phone No (include area code)
Ph. 432-221-0467

9 API Well No.
30-005-29120-00-S1

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

At surface NESE 1980FSL 430FEL

At top prod interval reported below NWSW 1906FSL 348FWL

At total depth NWSW 1906FSL 4932/E Unit L

10 Field and Pool, or Exploratory
UNDESIGNATED-ABO-WOLFCAMP

11 Sec, T, R, M, or Block and Survey
or Area Sec 3 T15S R31E Mer NMP

12 County or Parish
CHAVES

13 State
NM

14 Date Spudded
05/04/2012

15 Date T D Reached
05/31/2012

16 Date Completed
☐ D & A ☒ Ready to Prod
06/22/2012

17 Elevations (DF, KB, RT, GL)*
4408 GL

18 Total Depth MD
TVD 13020
8733

19. Plug Back T D: MD
TVD

20 Depth Bridge Plug Set MD
TVD

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

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 K-55	54.0	0	404		600		0	
12 250	9.625 J-55	40.0	0	3985		1300		0	
8.750	7.000 P-110	26.0	0	7999		1200		0	
6.125	4.500 P-110	11.6	7825	12905		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	7770							

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) ABO	9117	12856	9117 TO 12856			OPEN FRAC PORTS
B)						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
9117 TO 12856	ACIDIZE W/5000 GAL 15%
9117 TO 12856	FRAC W/1,382,746 GAL GEL CARRYING 1,294,460# 20/40 WHITE +

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
06/14/2012	06/24/2012	24	→	500.0	300.0	643.0	39.9		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	→	500	300	643	600	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	
			→						

ACCEPTED FOR RECORD

/S/ DAVID R. GLASS

OCT 23 2012

DAVID R. GLASS

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

ELECTRONIC SUBMISSION #150122 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR 6 MONTH PERIOD
ENDING DEC 22 2012

ELG 11-8-2012

NOV 08 2012

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 ABO	0 9117	350 12856		RUSTLER	1376
				SALADO	1479
				YATES	2379
				PADDOCK	5471
				BLINEBRY	5866
				TUBB	6726
				DRINKARD ABO	6843 7471

32. Additional remarks (include plugging procedure) logs sent by mail

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 #150122 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Roswell

Committed to AFMSS for processing by DAVID GLASS on 09/13/2012 (12DRG0432SE)

Name (please print) BRIAN MAIORINO

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/13/2012

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

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

Revisions to Operator-Submitted EC Data for Well Completion #150122

	Operator Submitted	BLM Revised (AFMSS)
Lease	NMNM105885	NMNM105885
Agreement		
Operator	COG OPERATING LLC ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701 Ph 432-221-0467	COG OPERATING LLC ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701 Ph 432 685 9158
Admin Contact	BRIAN MAIORINO AUTHORIZED REPRESENTATIVE E-Mail: bmaiorino@concho.com Ph: 432-221-0467	BRIAN MAIORINO AUTHORIZED REPRESENTATIVE E-Mail: bmaiorino@concho.com Ph 432-221-0467
Tech Contact	BRIAN MAIORINO AUTHORIZED REPRESENTATIVE E-Mail: bmaiorino@concho.com Ph: 432-221-0467	BRIAN MAIORINO AUTHORIZED REPRESENTATIVE E-Mail: bmaiorino@concho.com Ph 432-221-0467
Well Name. Number	LEO FEDERAL COM 2H	LEO 3 FEDERAL COM 2H
Location: State County S/T/R Surf Loc	NM CHAVES Sec 3 T15S R31E Mer NESE 1980FSL 430FEL	NM CHAVES Sec 3 T15S R31E Mer NMP NESE 1980FSL 430FEL
Field/Pool:	WILDCAT;ABO	UNDESIGNATED-ABO-WOLFCAMP
Logs Run:	HNCS,HRLA	HNCS HRLA
Producing Intervals - Formations	ABO	ABO
Porous Zones:	RUSTLER SALADO YATES PADDOCK BLINEBRY TUBB DRINKARD ABO	QUATERNARY ABO
Markers	RUSTLER SALADO YATES PADDOCK BLINEBRY TUBB DRINKARD ABO	RUSTLER SALADO YATES PADDOCK BLINEBRY TUBB DRINKARD ABO