

OCD Artesia MAR 08 2018

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No 1004-0137
Expires July 31 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 NMNM88525X		
2 Name of Operator COG OPERATING LLC			Contact KANICIA CASTILLO E-Mail kcastillo@concho.com		
3 Address 600 W ILLINOIS AVENUE MIDLAND TX 79701			3a Phone No (include area code) Ph 432-685-4332		
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 24 T17S R29E Mer NMP At surface Lot A 296FNL 153FEL 32 826466 N Lat, 104 020164 W Lon Sec 19 T17S R29E Mer NMP At top prod interval reported below Lot A 380FNL 218FWL Sec 19 T17S R29E Mer NMP At total depth Lot A 377FNL 25FEL			8 Lease Name and Well No BURCH KEELY UNIT 962H		
14 Date Spudded 06/10/2017			15 Date T D Reached 06/22/2017		
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/29/2017			9 API Well No 30-015-44101-00-S1		
17 Elevations (DF, KB, RT, GL)* 3618 GL			10 Field and Pool, or Exploratory BURCH KEELY-GLORIETA-UPPER YES		
18 Total Depth MD 10290 TVD 4872			19 Plug Back T D MD 10211 TVD 4872		
20 Depth Bridge Plug Set MD TVD			21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CN		
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 Sk & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
12 250	9 625 J55	40 0		1092		C 500			
8 750	7 000 L80	29 0		4309					
8 750	5 500 L80	17 0		10280		C 2200			
17 500	13 375 J55	54 5	0	327		C 1000		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	5157							

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) GLORIETA YESO			5121 TO 10191	0 430	1152	OPEN
B) YESO	5121	10191				
C)						
D)						

27 Acid Fracture, Treatment, Cement Squeeze Etc

Depth Interval	Amount and Type of Material
5121 TO 10191	ACIDIZE W/ 127 008 15% ACID FRAC W/ 379 218 GALS TREATED WATER 5 735 608 GALS SLICK WATER

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
08/30/2017	09/02/2017	24	→	461 0	373 0	1224 0	39 0	0 60	ELECTRIC PUMP SUB SURFACE
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70 0	→	461	373	1224	809	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
MAR 3 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #391748 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Reclamation Due: 2/30/2018

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
TANSILL	940		DOLOMITE	TANSILL	940
QUEEN	1955		SANDSTONE	QUEEN	1955
GRAYBURG	2358		DOLOMITE & ANHYDRITE	GRAYBURG	2358
SAN ANDRES	2676		DOLOMITE & ANHYDRITE	SAN ANDRES	2676
PADDOCK	4156		DOLOMITE	PADDOCK	4156
BLINEBRY	4794			BLINEBRY	4794

32 Additional remarks (include plugging procedure)

Logs will be submitted in WIS
Logs will be mailed to the OCD

Casing tests

6/12/17 Test 13-3/8csg to 1500# for 30mins, good test
6/13/17 Test 12-1/4csg to 1500# for 30mins good test

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 #391748 Verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 11/02/2017 (18DW0012SE)

Name (please print) KANICIA CASTILLO Title PREPARER

Signature (Electronic Submission) Date 10/12/2017

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 ****