

OCD - ARTESIA

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No
NMNM0397623

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		
2 Name of Operator COG OPERATING LLC			8 Lease Name and Well No FOLK FEDERAL 5		
Contact KANICIA CARRILLO E-Mail kcarrillo@conchoresources.com					
3 Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287			9 API Well No 30-015-36747-00-S1		
3a Phone No (include area code) Ph 432-685-4332					
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot D 1250FNL 330FWL 32 83828 N Lat, 104 10402 W Lon At top prod interval reported below Lot D 1250FNL 330FWL 32 83828 N Lat, 104 10402 W Lon At total depth Lot E 1655FNL 384FWL			10 Field and Pool, or Exploratory EMPIRE YESO		
			11 Sec, T, R, M, or Block and Survey or Area Sec 17 T17S R29E Mer NMP		
			12 County or Parish EDDY		13 State NM
14 Date Spudded 06/18/2010		15 Date T D Reached 06/28/2010	16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 07/22/2010		17 Elevations (DF, KB, RT, GL)* 3655 GL
18 Total Depth MD 5555 TVD 5531		19 Plug Back T D MD 5490 TVD 5466		20 Depth Bridge Plug Set MD TVD	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT 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 checked="" type="checkbox"/> No <input 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 H40	48 0	0	306		750		0	0
11 000	8 625 J55	24 0	0	858		500		0	0
7 875	5 500 J55	17 0	0	5544		950		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	4975							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YESO			3970 TO 4200	0 410	24	OPEN
B) PADDOCK	3970	4200	3970 TO 4200	0 410	24	OPEN
C) BLINEBRY	4460	5200	4460 TO 4660	0 410	26	OPEN
D)			4460 TO 4660	0-410	26	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
3970 TO 4200	ACIDIZE W/3,000 GALS 15% ACID
3970 TO 4200	FRAC W/94,000 GALS GEL, 105,152# 16/30 WHITE SAND, 9,260# SUPER LC SAND
3970 TO 4200	FRAC W/94,000 GALS GEL, 105,152# 16/30 WHITE SAND, 9,260# SUPER LC SAND
3970 TO 4200	ACIDIZE W/3,000 GALS 15% ACID

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
07/22/2010	08/06/2010	24	→	52 0	69 0	984 0	38 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	→	52	69	984	1327	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
07/22/2010	08/06/2010	24	→	52 0	69 0	984 0	38 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	→	52	69	984		POW	

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

ELECTRONIC SUBMISSION #92259 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

SEP 27 2010

J. [Signature]

BUREAU OF LAND MANAGEMENT
ELECTRIC PUMPING OFFICE

RECEIVED

SEP 29 2010

NMNM0397623

28b Production - Interval C									
Date First Produced 07/22/2010	Test Date 08/06/2010	Hours Tested 24	Test Production →	Oil BBL 52 0	Gas MCF 69 0	Water BBL 984 0	Oil Gravity Corr API 38 0	Gas Gravity 0 60	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI 70	Csg Press 70 0	24 Hr Rate →	Oil BBL 52	Gas MCF 69	Water BBL 984	Gas Oil Ratio	Well Status POW	

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
YATES QUEEN SAN ANDRES GLORIETA YESO TUBB	857 1698 2425 3861 3910 5343		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES QUEEN SAN ANDRES GLORIETA YESO TUBB	857 1698 2425 3861 3910 5343

32 Additional remarks (include plugging procedure)
Acid, Fracture, Treatment, Cement Squeeze etc continued

4730 - 4930 ACIDIZE W/2,500 GALS 15% ACID
4730 - 4930 Frac w/ 115,000 gals gel, 144,737# 16/30 White sand, 34,144# Super LC sand

5000 - 5200 ACIDIZE W/2,500 GALS 15% ACID
5000 - 5200 FRAC W/117,000 gals gel, 145,679# 16/30 Siberprop sand, 36,451# Super LC sand

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 #92259 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 09/08/2010 (10KMS2165SE)

Name (please print) KANICIA CARRILLO Title PREPARER

Signature _____ (Electronic Submission) Date 09/02/2010

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 #92259 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
4730 TO 4930	0 410	26	OPEN
4730 TO 4930	0 410	26	OPEN
5000 TO 5200	0 410	26	OPEN
5000 TO 5200	0 410	26	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
4460 TO 4660	FRAC W/ 114,000 GALS GEL, 145,039# 16/30 SIBERPROP SAND, 30,869# SUPER LC SAND
4460 TO 4660	ACIDIZE W/2,500 GALS 15% ACID
4460 TO 4660	FRAC W/ 114,000 GALS GEL, 145,039# 16/30 SIBERPROP SAND, 30,869# SUPER LC SAND
4460 TO 4660	ACIDIZE W/2,500 GALS 15% ACID