

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 15 2008

OCD-ARTESIA



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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No
NMLC029342B

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr. Other			7 Unit or CA Agreement Name and No		
2 Name of Operator COG OPERATING LLC			Contact KANICIA CARRILLO E-Mail kcarrillo@conchoresources.com		
3 Address 550 WEST TEXAS AVE STE 1300 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)* At surface Lot E 330FNL 2310FWL 32 84078 N Lat, 103 99473 W Lon At top prod interval reported below Lot E 330FNL 2310FWL 32 84078 N Lat, 103 99473 W Lon At total depth Lot E 330FNL 2310FWL 32 84078 N Lat, 103 99473 W Lon			8 Lease Name and Well No POLARIS B FEDERAL 18		
14 Date Spudded 05/27/2008			15 Date F.D. Reached 06/05/2008		
16 Date Completed ☐ D & A ☒ Ready to Prod 06/26/2008			9 API Well No 30-015-35930		
18 Total Depth MD TVD 5875			19 Plug Back F.D. MD TVD 5829		
20 Depth Bridge Plug Set. MD TVD			10 Field and Pool, or Exploratory LOCO HILLS, GLORIETA, YESO		
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL			11 Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R30E Mer		
22 Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			12 County or Parish EDDY		
			13 State NM		
			17 Elevations (DF, KB, RT, GL)* 3677 GL		

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
17.500	13 375 K55	48.0		420		475		0	60
11.000	8 624 J55	32.0		1312		600		0	195
7.875	5 500 J55	17.0		5871		1000		0	192

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	4733							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YESO	4870	5070	4870 TO 5070	0.410	36	OPEN
B) YESO	5200	5400	5200 TO 5400	0.410	36	OPEN
C) YESO	5510	5710	5510 TO 5710	0.410	48	OPEN
D)						

26 Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
4870 TO 5070	ACIDIZE W/2,500 GALS ACID FRAC W/106,260 GALS GEL, 91,189# 16/30 SAND, 18,089# SIBERPROP SAND
5200 TO 5400	ACIDIZE W/3,500 GALS ACID FRAC W/126,823 GALS GEL, 150,607# 16/30 SAND, 19,209# SIBERPROP SAND
5510 TO 5710	ACIDIZE W/3,500 GALS ACID FRAC W/139,200 GALS GEL, 150,033# 16/30 SAND, 24,765# SIBERPROP 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
06/28/2008	07/06/2008	24	→	92.0	2*3.0	290.0	38.8		ELECTRIC PUMPING UNIT
Choke Size	Thg. Press. Hwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→					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	Thg. Press. Hwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #62321 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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	Thg. Press Flow	Csr. 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	Thg. Press Flow	Csr. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29 Disposition of Gas/Solid used for fuel, vented, etc.)
CAPTURED

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	1210				
7 RIVERS	1500				
QUEEN	2100				
SAN ANDRES	2820				
YESO	4330				
TUBB	5730				

32 Additional remarks (include plugging procedure)
Logs will be mailed

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 #62321 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLOTitle PREPARERSignature (Electronic Submission)Date 08/14/2008

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.

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