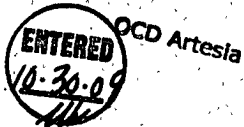


RECEIVED

OCT 26 2009

Form 3160-4
(August 2007)

NMOCD ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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		8. Lease Name and Well No SKELLY UNIT 622	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No 30-015-36831-00-S1	
3a. Phone No (include area code) Ph. 432-685-4332		10. Field and Pool, or Exploratory FREN; <i>Glorieta-Yero</i>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW Lot D 700FNL 650FWL 32.83993 N Lat, 103 84684 W Lon At top prod interval reported below NWNW Lot D 700FNL 650FWL At total depth NWNW Lot D 376FNL 271FWL		11. Sec. T, R, M., or Block and Survey or Area, Sec 14 T17S R31E Mer NMP	
14. Date Spudded 08/06/2009		15. Date T.D. Reached 08/30/2009	
16. Date Completed ☐ D & A ☒ Ready to Prod 09/24/2009		17. Elevations (DF, KB, RT, GL)* 3913 GL	
18. Total Depth: MD 6650 TVD 6600		19. Plug Back T.D. MD 6596 TVD 6596	
20. Depth Bridge Plug Set. MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT	
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 H40	48.0	0	540		475		0	0
11.000	8.625 J55	32.0	0	1805		600		0	0
7.875	5.500 J55	17.0	0	6650		1200		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	6361							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA-YESO			5840 TO 6040	0.410	29	OPEN
B) BLINEBRY	5840	6580	6110 TO 6310	0.410	26	OPEN
C)			6380 TO 6580	0.410	29	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5840 TO 6040	ACIDIZE W/ 2,500 GALS 15% ACID
5840 TO 6040	FRAC W/117,719 GALS GEL, 138,387# 16/30 OTTAWA SAND, 24,285# 16/30 SIBERPROP SAND
6110 TO 6310	ACIDIZE W/3,500 GALS 15% ACID
6110 TO 6310	FRAC W/124,361 GALS GEL, 149,542# 16/30 OTTAWA SAND, 30,768# 16/30 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
09/29/2009	10/07/2009	24	→	25.0	23.0	501.0			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	→	25	23	501	920	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
09/29/2009	10/07/2009	24	→	25.0	23.0	501.0	37.8	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	→	25	23	501		POW	

ACCEPTED FOR RECORD

/s/ Chris Walls
OCT 21 2009BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #75741 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
YATES QUEEN SAN ANDRES GLORIETA YESO	1896 2855 3603 5151 5231		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure).

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

6380-6580 ACIDIZE W/3,500 GALS 15% ACID.

6380-6580 FRAC W/ 125,667 GALS GEL, 146,330# 16/30 OTTAWA SAND, 32,585# 16/30 SIBERPROP 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 #75741 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by CHERYLE RYAN on 10/15/2009 (10CMR0024SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/15/2009

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 **