

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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			5. Lease Serial No NMNM71030X		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr Other			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. SKELLY UNIT 603		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			9. API Well No 30-015-36728		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot L 1850FSL 650FWL At top prod interval reported below Lot L 1850FSL 650FWL At total depth Lot L 2284FSL 349FWL			10. Field and Pool, or Exploratory FREN; GLORIETA, YESO ☒ 11. Sec., T., R., M., or Block and Survey or Area Sec 15 T17S R31E Mer 12. County or Parish EDDY 13. State NM		
14. Date Spudded 08/10/2009		15. Date T.D. Reached 08/21/2009		16. Date Completed ☐ D & A ☒ Ready to Prod. 09/14/2009	
17. Elevations (DF, KB, RT, GL)* 3866 GL					
18. Total Depth MD 6753 TVD 6753		19. Plug Back T.D. MD 6708 TVD 6708		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON				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	448		475		0	0
11.000	8.625 J55	32.0	0	1804		600		0	0
7.875	5.500 J55	17.0	0	6753		1150		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	6109							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	5084	5150	5084 TO 5150	0.410	20	OPEN
B) BLINEBRY	5600	5800	5600 TO 5800	0.410	26	OPEN
C) BLINEBRY	5880	6080	5880 TO 6080	0.410	26	OPEN
D) BLINEBRY	6150	6350	6150 TO 6350	0.410	29	OPEN

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5084 TO 5150	ACIDIZE W/3,000 GALS 15% ACID
5084 TO 5150	FRAC W/103,587 GALS GEL, 123,500# 16/30 BASF SAND, 21,600# 16/30 SUPER LC
5600 TO 5800	ACIDIZE W/2,500 GALS 15% ACID
5600 TO 5800	FRAC W/ 110,852 GALS GEL, 141,800# 16/30 BASF SAND, 33,600# 16/30 SUPER LC

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
09/25/2009	09/26/2009	24	→	45.0	43.0	468.0		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	→					POW	

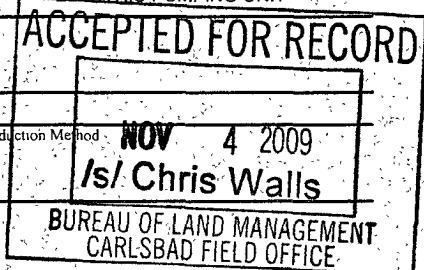
28a. Production - Interval B

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	
	SI		→						

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

ELECTRONIC SUBMISSION #75960 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	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		1778	DOLOMITE & SAND	DOLOMITE & SAND	1778
QUEEN		2719	SAND	SAND	2719
SAN ANDRES		3459	DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3459
GLORIETA		4999	SAND & DOLOMITE	SAND & DOLOMITE	4999
YESO		5043	DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5043
TUBB		6495	SAND	SAND	6495

32. Additional remarks (include plugging procedure)

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

5880 - 6080 ACIDIZE W/2,500 GALS 15% ACID.

5880 - 6080 FRAC W/ 114,912 GALS GEL, 147,800# 16/30 BASF SAND, 30,400# 16/30 Super LC.

6150 - 6350 Acidize w/ 2,500 gals 15% acid.

6150 - 6350 Frac w/115,143 gals gel, 148,500# 16/30 BASF sand, 29,600# 16/30 Super LC.

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 #75960 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad.
Committed to AFMSS for processing by KURT SIMMONS on 10/20/2009 ()

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/20/2009

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **