

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		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 638	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-37084-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface Sec 15 T17S R31E Mer NMP SENW 1380FNL 1890FWL At top prod interval reported below Sec 15 T17S R31E Mer NMP At total depth SENW 1655FNL 1658FWL		10. Field and Pool, or Exploratory FREN; Gabriela - Yes 11. Sec., T., R., M., or Block and Survey or Area Sec 15 T17S R31E Mer NMP 12. County or Parish EDDY 13. State NM	
14. Date Spudded 09/12/2009		15. Date T.D. Reached 09/24/2009	
16. Date Completed 10/13/2009		17. Elevations (DF, KB, RT, GL)* 3878 GL	
18. Total Depth: MD 6740 TVD 6707		19. Plug Back T.D. MD 6701 TVD 6701	
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	537		475		0	0
11.000	8.625 J55	32.0	0	1834		600		0	0
7.875	5.500 J55	17.0	0	6740		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	6153							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA-YESO	5148	5210	5148 TO 5210	0.410	18	OPEN
B)			5670 TO 5870	0.410	36	OPEN
C)			5940 TO 6140	0.410	36	OPEN
D)			6210 TO 6410	0.410	48	OPEN

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5148 TO 5210	ACIDIZE W/3,000 GALS 15% ACID
5148 TO 5210	FRAC W/ 95,997 GALS GEL, 87,750# 16/30 OTTAWA SAND, 12,033# 16/30 SIBERPROP
5670 TO 5870	ACIDIZE W/2,500 GALS 15% ACID
5670 TO 5870	FRAC W/ 124,167 GALS GEL, 147,515# 16/30 OTTAWA SAND, 28,891# 16/30 SIBERPROP

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
12/05/2009	12/08/2009	24	→	69.0	8.0	420.0	39.7	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	→	69	8	420	116	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 #78956 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

DEC 23 2009

NMOCD ARTESIA

D & A
10/13/2009

ACCEPTED FOR RECORD

DEC 21 2009

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 TUBB	1801 2765 3516 5051 5116 6541		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

32. Additional remarks (include plugging procedure):

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

5940-6140 ACIDIZE W/2,500 GALS 15% ACID.

5940-6140 FRAC W/ 124,997 GALS GEL, 149,397# 16/30 OTTAWA SAND, 32,071# 16/30 SIBERPROP

6210-6410 Acidize w/2,500 gals acid

6210-6410 Frac w/124,114 gals gel, 148,180# 16/30 OTTAWA SAND, 30,500# 16/30 SIBERPROP.

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 #78956 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/18/2009 (10KMS0406SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 12/17/2009

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 **