

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

5. Lease Serial No.
NMLC029420A

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 849	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		9. API Well No. 30-015-37517-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE Lot J 1501FSL 2020FEL 32.83138 N Lat, 103.85495 W Lon At top prod interval reported below SWSE Lot J 1501FSL 2020FEL 32.83138 N Lat, 103.85495 W Lon At total depth SWSE Lot J 1656FSL 2296FEL		10. Field and Pool, or Exploratory FREN <i>Glorieta-Yeso</i>	
14. Date Spudded 06/28/2010		15. Date T.D. Reached 07/14/2010	
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/03/2010		17. Elevations (DF, KB, RT, GL)* 3862 GL	
18. Total Depth: MD 6935 TVD 6935		19. Plug Back T.D.: MD 6878 TVD 6878	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT	
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 H-40	48.0	0	500		500		0	
17.500	13.375 H40	48.0	0	535		500		0	0
11.000	8.625 J55	32.0	0	1800		550		0	0
11.000	8.625 J-55	24.0	0	1800	550	1150		0	
7.875	5.500 J-55	15.5	0	6917	2000	1800		1600	
7.875	5.500 J55	17.0	0	6925		1050		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	6177							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			5100 TO 5178	0.410	24	OPEN
B) PADDOCK	5100	5178	5660 TO 5680	0.410	26	OPEN
C) BLINEBRY	5660	6400	5930 TO 6130	0.410	26	OPEN
D)			6200 TO 6400	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
5100 TO 5178	ACIDIZE W/3,000 GALS 15% ACID.
5100 TO 5178	FRAC W/ 103,645 GALS GEL, 108,275# 16/30 OTTAWA SAND, 8,893# 16/30 SIBERPROP.
5660 TO 5680	ACIDIZE W/2,500 GALS 15% ACID.
5660 TO 5680	FRAC W/ 125,998 GALS GEL, 145,881# 16/30 OTTAWA SAND, 35,109# 16/30 SIBERPROP.

28. Production - Interval A

CARLSBAD FIELD OFFICE									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/08/2010	08/12/2010	24	→	125.0	137.0	340.0	37.5	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI	70.0	→	125	137	340	1096	POW	SEP 21 2010

28a. Production - Interval B

INMOCD ARTESIA									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/08/2010	08/12/2010	24	→	125.0	137.0	340.0	37.5	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI	70.0	→	125	137	340		POW	

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

ELECTRONIC SUBMISSION #91346 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

SEP 16 2010

/s/ Roger Hall

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICERECEIVED
ELECTRIC PUMPING UNIT

SEP 21 2010

NMOCD ARTESIA

ELECTRIC PUMPING UNIT

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	1795		DOLOMITE & SAND	YATES	1795
QUEEN	2745		SAND	QUEEN	2745
SAN ANDRES	3507		DOLOMITE & ANHYDRITE	SAN ANDRES	3507
GLORIETA	5007		SAND & DOLOMITE	GLORIETA	5007
YESO	5062		DOLOMITE & ANHYDRITE	YESO	5062
TUBB	6499		SAND	TUBB	6499

32. Additional remarks (include plugging procedure):

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

5930 - 6130 ACIDIZE W/2,500 GALS 15% ACID.

5930 - 6130 FRAC W/ 125,200 GALS GEL, 142,566# 16/30 OTTAWA SAND, 35,174# 16/30 SIBERPROP.

6200 - 6400 ACIDIZE W/3,500 GALS 15% ACID.

6200 - 6400 FRAC W/125,604 GALS GEL, 146,803# 16/30 OTTAWA SAND, 29,320# 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 #91346 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by CHERYLE RYAN on 08/18/2010 (10CMR0564SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/18/2010

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 **