

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOC  
Artesia CONSERVATION  
ARTESIA DISTRICT  
MAR 27 2017  
RECEIVED

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____				7. Unit or CA Agreement Name and No. 892000276B	
2. Name of Operator COG OPERATING LLC				8. Lease Name and Well No. SKELLY UNIT 422H	
3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701				9. API Well No. 30-015-43832-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T17S R31E Mer NMP At surface NENW 20FNL 2510FWL  At top prod interval reported below Sec 14 T17S R31E Mer NMP At total depth NENW 996FNL 1650FWL				10. Field and Pool, or Exploratory FREN-GLORIETA-YESO	
14. Date Spudded 11/26/2016				15. Date T.D. Reached 12/11/2016	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/16/2017				17. Elevations (DF, KB, RT, GL)* 3855 GL	
18. Total Depth: MD 11704 TVD 5856		19. Plug Back T.D.: MD 11609 TVD 5856		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 J-55	54.5	0	542		525		0	
12.250	9.625 J-55	40.0	0	1809		575		0	
8.750	5.500 L-80	17.0	0	11677		2650		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	5285							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6161	11589	6161 TO 11589	0.430	1116	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6161 TO 11589	ACIDIZE W/ 122,976 15% ACID, FRAC W/ 467,208 GALS TREATED WATER, 6,043,716 GALS SLICK WATER.

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
02/16/2016	02/18/2016	24	→	493.0	390.0	1332.0	37.4	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 493	Gas MCF 390	Water BBL 1332	Gas:Oil Ratio 1264	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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

ACCEPTED FOR RECORD  
(BIG. SGD.) DAVID R. GLASS

MAR 22 2017

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

ELECTRONIC SUBMISSION #367842 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* PETROLEUM ENGINEER

**RECLAMATION DUE:**

**AUG 16 2017**

## 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
RUSTLER	408	2692		RUSTLER	408
QUEEN	2692	3086		QUEEN	2692
GRAYBURG	3086	3434	SANDSTONE	GRAYBURG	3086
SAN ANDRES	3434	4969	SANDSTONE & DOLOMITE	SAN ANDRES	3434
PADDOCK	4969	5553	DOLOMITE & LIMESTONE	PADDOCK	4969
BLINEBRY	5553	6161	DOLOMITE & ANHYDRITE	BLINEBRY	5553
YESO	6161	11589	DOLOMITE & ANHYDRITE		
			OIL/GAS/WATER		

32. Additional remarks (include plugging procedure):  
Logs will be submitted in WIS.

## 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 #367842 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Carlsbad**  
**Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/10/2017 (17DW0016SE)**

Name (please print) KANICIA CASTILLOTitle PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 02/22/2017

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 \*\***