

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**BLM OIL CONSERVATION**  
ARTESIA DISTRICT  
**OCD Artesia 2018**

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 **DHC ORDER #4291**

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other **Commenced Commingling**

2. Name of Operator **COG OPERATING LLC** Contact: **KANICIA CASTILLO**  
E-Mail: **kcastillo@concho.com**

3. Address **600 W ILLINOIS AVE ONE CONCHO CENTER** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-685-4332**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Lot L 1650FSL 990FWL**  
At top prod interval reported below **Lot L 1650FSL 990FWL**  
At total depth **Lot L 1650FSL 990FWL**

5. Lease Serial No. **NMNM0397623**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **FOLK FEDERAL 1**

9. API Well No. **C1 + C2** 30-015-35727

10. Field and Pool, or Exploratory **GRAYBURG JCKN:SA/YESO**

11. Sec., T., R., M., or Block and Survey or Area **Sec 17 T17S R29E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **10/28/2007** 15. Date T.D. Reached **10/06/2007** 16. Date Completed **03/06/2018**  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* **3647 GL**

18. Total Depth: **MD 5123 TVD 5123** 19. Plug Back T.D.: **MD 5061 TVD 5061** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CN**

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
12.250	8.625 J55	32.0		870		600			
7.875	5.500 L80	17.0		5111		1100			
17.500	13.375 J55	48.0	0	325		400		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	4963							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>C2</b> SAN ANDRES	3159	3700	3159 TO 3700	0.410	46	OPEN
B) <b>C1</b> YESO	3924	4950	3924 TO 4950	0.410	117	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
3159 TO 4950	ACIDIZE W/ 2000 GALS 15% ACID.

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
03/08/2018	03/27/2018	24	→	20.0	27.0	201.0	37.9	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		70.0	→	20	27	201	1350	POV	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

**ACCEPTED FOR RECORD**  
**APR - 8 2018**  
*Dinah Negrete*  
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	866		DOLOMITE & SAND	YATES	866
QUEEN	1708		SAND	QUEEN	1708
SAN ANDRES	2410		DOLOMITE & ANHYDRITE	SAN ANDRES	2410
GLORIETA	3825		SAND & DOLOMITE	GLORIETA	3825
YESO	3908		DOLOMITE & ANHYDRITE	YESO	3908

32. Additional remarks (include plugging procedure):  
DHC San Andres and Yeso production. DHC-4291

Well Test Allocation Percentages:

Yeso: Oil 18/20/90%, Gas 19/27/72%, Wtr 56/201/28%

SA: Oil 20/2/10%, Gas 8/27/28%, Wtr 145/201/72%

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 #409753 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CASTILLO Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 03/29/2018

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.

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