

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029020G

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 type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. DEXTER FEDERAL 2	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-10220-00-S2	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T17S R30E Mer NMP At surface NESW 2310FSL 2310FWL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory GRAYBURG-JACKSON SR-Q-GRBG-SA 11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R30E Mer NMP 12. County or Parish EDDY 13. State NM	
14. Date Spudded 07/27/1963		15. Date T.D. Reached 08/19/1963	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/02/2008		17. Elevations (DF, KB, RT, GL)* 3550 GL	
18. Total Depth: MD 6970 TVD 6970		19. Plug Back T.D.: MD 6908 TVD 6908	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT	
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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
11.000	8.625 J-55	32.0	0	1301		275		0	
7.875	4.500 J-55	11.6	0	6964		850		2000	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5740							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) YESO	5820	6290	5820 TO 6020	0.410	24	OPEN
B)			6090 TO 6290	0.410	48	OPEN
C)						
D)						

## 26. Perforation Record

Depth Interval	Amount and Type of Material
5820 TO 6020	ACIDIZE W/3,500 GALS ACID. FRAC W/127,008 GALS GEL, 154,586# 16/30 SAND, 29,994# SIBERPROP SAND.
6090 TO 6290	ACIDIZE W/7,000 GALS ACID. FRAC W/83,651 GALS GEL, 62,816# 16/30 SAND, 15,776# SIBERPROP SAND.

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

--	--

## 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
09/11/2008	09/13/2008	24	→	27.0	20.0	251.0			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	
			→	27	20	251	741	POW	

## 28a. Production - Interval B

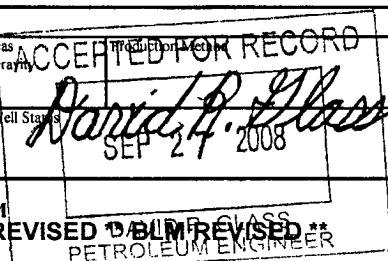
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #63307 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

PETROLEUM ENGINEER



MR

## 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
SR-QN-GB-SA YESO	3144 5820	3404 6290		RUSTLER ANHYDRITE BASE OF SALT YATES QUEEN GRAYBURG SAN ANDRES GLORIETA ABO	330 1170 1340 2280 2707 3662 4542 6662

32. Additional remarks (include plugging procedure):  
7/22/08 Squeezed off Paddock perms w/ 200 sx class C, 560 psi.

## 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 #63307 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 09/24/2008 (08KMS2748SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/24/2008

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 \*\***

# Revisions to Operator-Submitted EC Data for Well Completion #63307

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC029020G	NMLC029020G
Agreement:		
Operator:	COG OPERATING LLC 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701 Ph: 432-683-7443	COG OPERATING LLC 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701 Ph: 432.685.4340
Admin Contact:	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332
Tech Contact:	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332
Well Name: Number	DEXTER FEDERAL 2	DEXTER FEDERAL 2
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 22 T17S R30E Mer	Sec 22 T17S R30E Mer NMP
Surf Loc:	Lot K 2310FSL 2310FWL	NESW 2310FSL 2310FWL
Field/Pool:	LOCO HILLS; GLORIETA, YESO	GRAYBURG JACKSON SR-Q-GRBG-SA
Logs Run:	COMPENSATED NEUTRON CCL	COMPENSATEDNEUT
Producing Intervals - Formations:	YESO YESO	YESO
Porous Zones:		SR-QN-GB-SA YESO
Markers:		RUSTLER ANHYDRITE BASE OF SALT YATES QUEEN GRAYBURG SAN ANDRES GLORIETA ABO