

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*  
(See other instruction on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
**LC-054988-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
**Berry A Federal #12**

9. API WELL NO.  
**30-015-30670**

10. FIELD AND POOL, OR WILDCAT

**Grayburg Jackson SR Q G SA**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**Sec 21 T17S R30E**

12. COUNTY OR PARISH  
**Eddy**

13. STATE  
**NM**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ Other **DHC-3584**

2. NAME OF OPERATOR

**COG Operating LLC**

3. ADDRESS AND TELEPHONE NO.

**550 W. Texas, Suite 1300, Midland, TX 79701 (432) 685-4372**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

**990 FNL 1790 FWL**

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
**Eddy**

13. STATE  
**NM**

15. DATE SPUDDED  
**12/14/99**

16. DATE T.D. REACHED  
**12/28/99**

17. DATE COMPL. (Ready to prod.)  
**6/23/2006**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**3668 RKB**

19. ELEV. CASING HEAD  
**3656**

20. TOTAL DEPTH, MD & TVD  
**4840**

21. PLUG, BACK T.D., MD & TVD  
**4801**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
**Yes**

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

**2860-4117', San Andres**

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray**

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
<b>13 3/8</b>	<b>54.5</b>	<b>450</b>	<b>17 1/2</b>	<b>450 sx</b>	<b>None</b>
<b>8 5/8</b>	<b>24</b>	<b>1041</b>	<b>12 1/4</b>	<b>475 sx</b>	<b>None</b>
<b>5 1/2</b>	<b>17</b>	<b>4814</b>	<b>7 7/8</b>	<b>915 sx</b>	<b>None</b>

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2 7/8</b>	<b>4718</b>	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

**2860-4117', .41, 218**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>2860-4117'</b>	<b>See 3160-5 for detail</b>

33. PRODUCTION

DATE FIRST PRODUCTION 6/30/2006		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 20' pump					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/4/2006	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 60	GAS-MCF. 152	WATER-BBL. 300	GAS-OIL RATIO 2533	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 76	GAS-MCF. 190	WATER - BBL. 375	OIL GRAVITY - API (CORR.) 38		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED \_\_\_\_\_ TITLE **Production Clerk** DATE **7/20/2006**

\*(See Instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES- (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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Grayburg Jackson SR Q G SA	2860	4117		Yates	1192	
				Seven Rivers	1496	
				Queen	2110	
				San Andres	2830	
				Glorietta	4265	

38. GEOLOGIC MARKERS