

**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.
NM-0467932

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
WD McIntyre E #3

9. API WELL NO.

30-015-29425

10. FIELD AND POOL, OR WILDCAT

Grayburg Jackson SR Q G SA

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

Sec. 20 T17S R30E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

14. PERMIT NO.

RECEIVED
MAR 23 2006

DO NOT WRITE

DATE ISSUED

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-3583**

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

2135 FSL & 2310 FW

At top prod. interval reported below

At total depth

15. DATE SPUDDED
5/13/1997

16. DATE T.D. REACHED
5/24/1997

17. DATE COMPL. (Ready to prod.)
2/2/2006

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3633' RKB

19. ELEV. CASING HEAD
3623' GR

20. TOTAL DEPTH, MD & TVD
4840

21. PLUG, BACK T.D., MD & TVD
4822

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
→

ROTARY TOOLS

CABLE TOOLS

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

2997-4187.5', San Andres

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

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
8 5/8 J-55	24	454	12 1/4	325sx	None
5 1/2 J-55	17	4835	7 7/8	1025sx	None

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4765	

31. PERFORATION RECORD (Interval, size and number)

2997-4187.5', .42, 172

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2997-4187.5'	See 3160-5 for detail

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
2/7/2006		Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS- OIL RATIO
3/6/06	24 hours		→	21	137	318	6600

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
		→	25	165	330	

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 *Gerry W. Sherrill* TITLE Production Clerk DATE 3/22/2006

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Grayburg Jackson SR Q G SA	2997	4187.5		Queen	2086	
				San Andres	2850	
				Glorietta	4270	