

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other in-
struction on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
NM-86025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
McIntyre DK Federal #14

9. API WELL NO.
30-015-34537

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson SR Q G SA/Paddock

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

Sec. 17 T17S R30E

12. COUNTY OR
PARISH
Eddy

13. STATE
NM

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other RECEIVED
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other JUL 21 2006

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

1140 FSL & 2310 FEL

At top prod. interval reported below

At total depth

988 FSL & 2310 FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
5/25/2006

16. DATE T.D. REACHED
6/6/2006

17. DATE COMPL. (Ready to prod.)
6/28/2006

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3683' RKB

19. ELEV. CASING HEAD
3667'

20. TOTAL DEPTH, MD & TVD
5108

21. PLUG, BACK T.D., MD & TVD
5086

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY
→

ROTARY TOOLS
Yes

CABLE TOOLS

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

2766.5-4597.5', SA/Paddock

25. WAS DIRECTIONAL
SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED
No

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
13 3/8, H-40	48	440	17 1/2	500sx	None
8 5/8, J-55	24	1024	12 1/4	650sx	None
5 1/2, J-55	17	5100	7 7/8	1235sx	None

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4682'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

2766.5-4597.5', .41, 302

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2766.5-4597.5'	See 3160-5 for detail

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 24' pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/2/2006	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 77	GAS-MCF. 151	WATER-BBL. 407	GAS-OIL RATIO 1961
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 77	GAS-MCF. 151	WATER-BBL. 407	OIL GRAVITY - API (CORR.)	

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

Sold

35. LIST OF ATTACHMENTS

Deviation Survey and Logs

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

SIGNED Jerry W. Shenell TITLE Production Clerk DATE 7/21/2006

*(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.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
oco Hills Paddock Grayburg Jackson SR Q G A	4275	4597.5		Yates	1146	
	2766.5	3937		Seven Rivers	1440	
				Queen	2057	
				Grayburg	2452	
				San Andres	2760	
				Glorietta	4191	