

**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.
NMNM-074935

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.

Electra Federal #6

9. API WELL NO.

30-015-34708

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec. 15 T17S R30E

**12. COUNTY OR
PARISH**
Eddy

13. STATE
NM

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

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

1650 FNL & 990 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
5/4/2006

16. DATE T.D. REACHED
5/19/2006

17. DATE COMPL. (Ready to prod.)
6/2/2006

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3710' RKB

19. ELEV. CASING HEAD
3697'

20. TOTAL DEPTH, MD & TVD
6040

21. PLUG, BACK T.D., MD & TVD
6019

**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)*

4867-5518', 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	353	17 1/2	425sx	None
8 5/8, J-55	24	1065	12 1/4	830sx	None
5 1/2, J-55	17	6032	7 7/8	1520sx	None

29. LINER RECORD

30. TUBING RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5547	

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4867-5518'	See 3160-5 for detail

4867-5518', .45, 114

33. PRODUCTION

DATE FIRST PRODUCTION 6/4/2006	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 6/8/2006	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 58	GAS-MCF. 102	WATER-BBL. 410	GAS-OIL RATIO 1759
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 58	GAS-MCF. 102	WATER-BBL. 410	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

James W. Shnell

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
Loco Hills Paddock	4314	5518		Yates	1250	
				Seven Rivers	1546	
				Queen	2152	
				Grayburg	2553	
				San Andres	2878	
				Glorietta	4314	

38.

GEOLOGIC MARKERS