

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Structure
instruction on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*						5. LEASE DESIGNATION AND SERIAL NO. NMNM-074935	
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>						7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR COG Operating LLC						8. FARM OR LEASE NAME, WELL NO. Electra Federal #7	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1300, Midland, TX 79701 (432) 685-4372						9. API WELL NO. 30-015-34720	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650 FNL & 2310 FWL At top prod. interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock	
14. PERMIT NO. DATE ISSUED						12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 6/14/2006						13. STATE NM	
16. DATE T.D. REACHED 7/4/2006		17. DATE COMPL. (Ready to prod.) 7/24/2006		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3696' RKB		19. ELEV. CASING HEAD 3684'	
20. TOTAL DEPTH, MD & TVD 6150		21. PLUG, BACK T.D., MD & TVD 6013		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Rotary Tools	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4949-5848', 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	305	17 1/2	628sx		None	
8 5/8, J-55	24	1063	12 1/4	1005sx		None	
5 1/2, J-55	17	6026	7 7/8	1590sx		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	5873	
31. PERFORATION RECORD (Interval, size and number) 4949-5848', .42, 182				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				4949-5848'		See 3160-5 for detail	
33. PRODUCTION							
DATE FIRST PRODUCTION 7/28/2006		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 8/16/2006	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 78	GAS-MCF. 105	WATER-BBL. 425	GAS-OIL RATIO 1346
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 78	GAS-MCF. 105	WATER - BBL. 425	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 <u><i>Jimmy W. Sherrill</i></u>				TITLE Production Clerk			
				DATE SEP 14 2006			
				SIGNATURE DAVID R. GLASS			
				DATE 9/11/06			
				TITLE PETROLEUM ENGINEER			

*(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.
Loco Hills Paddock	4949	5848	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	1256	
Seven Rivers	1552	
Queen	2162	
Grayburg	2574	
San Andres	2871	
Glorietta	4324	