

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

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐			5. LEASE DESIGNATION AND SERIAL NO. NM-86025
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR COG Operating LLC			7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1300, Midland, TX 79701			8. FARM OR LEASE NAME, WELL NO. McIntyre DK Federal #14
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		9. API WELL NO. 30-015-34537 SI	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	

14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Eddy	13. STATE NM
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 Yes	ROTARY TOOLS	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					30. TUBING RECORD		
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8					2 7/8	4682'	

31. PERFORATION RECORD (Interval, size and number) ALEXIS C. SVOBODA PETROLEUM ENGINEER		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
2766.5-4597.5', .41, 302		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 77	OIL-BBL. 151	GAS-MCF. 407	WATER-BBL. 1961	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 77	OIL-BBL. 151	GAS-MCF. 407	WATER - BBL. 407	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Solid, 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)

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	4275	4597.5	
Grayburg Jackson SR Q G SA	2766.5	3937	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	1146	
Seven Rivers	1440	
Queen	2057	
Grayburg	2452	
San Andres	2760	
Glorietta	4191	