

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other in-
struction on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

OCD-ARTESIA

5. LEASE DESIGNATION AND SERIAL NO.
LC-028480A

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 _____

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

2210 FNL & 990 FEL

At top prod. interval reported below

At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Western Federal #7

9. API WELL NO.

30-015-34510

10. FIELD AND POOL, OR WILDCAT

Empire; Yeso

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

Sec. 30 T17S R29E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy13. STATE
NM

15. DATE SPUDDED

1/17/2006

16. DATE T.D. REACHED

2/5/2006

17. DATE COMPL. (Ready to prod.)

2/27/2006

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

3635' RKB

19. ELEV. CASING HEAD

3626

20. TOTAL DEPTH, MD & TVD

5923

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

5475

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)*

4693.5-4884', Yeso

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	368	17 1/2	400sx	None
8 5/8, J-55	24	918	12 1/4	450sx	None
5 1/2, J-55	17	5915	7 7/8	1515sx	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	4913	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4693.5-4884', .42, 68

5605.5-5823.5', .42, 74 CIBP @ 5510 w/35' cmt cap

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4693.5-4884'	See 3160-5 for detail
5605.5-5823.5'	See 3160-5 for detail

33. PRODUCTION

DATE FIRST PRODUCTION 3/2/2006		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 3/17/2006	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 78	GAS-MCF. 107	WATER-BBL. 455	GAS-OIL RATIO 2000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 78	GAS-MCF. 107	WATER-BBL. 455	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

Jenny W. Shewell

TITLE

Production Clerk

DATE

4/21/2006

*(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.

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.
Empire; Yeso	4693.5	4884	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	770	
Seven Rivers	1048	
Queen	1656	
Grayburg	2060	
San Andres	2368	
Glorietta	3824	

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