

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

30-025-31274
Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC-065447	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Collins & Ware, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 303 W. Wall, Suite 2200, Midland, Texas 79701		8. FARM OR LEASE NAME Six Shooter "13" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL & 1750' FEL of Sec. 13 At top prod. interval reported below 990' FNL & 1750' FEL of Sec. 13 At total depth 990' FNL & 1750' FEL of Sec. 13		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 6/29/91		16. DATE T.D. REACHED 8/9/91	
17. DATE COMPL. (Ready to prod.) 11/15/91		18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 3604.6' GR	
19. ELEV. CASINGHEAD NA		20. TOTAL DEPTH, MD & TVD 13,675'	
21. PLUG. BACK T.D., MD & TVD 13,445'		22. IF MULTIPLE COMPL., HOW MANY? No	
23. INTERVALS DRILLED BY All		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,244' - 13,301' Morrow	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/D	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 13,225-13,232' (28 holes) 3 3/8" select fire 13,240-13,253' (52 holes) 13,289-13,301' (48 holes) CIBP at 13,250' (drilled out) Cement retainer at 13,150' Squeezed with 150 sacks. Drilled out. Re-perforated 13,289-13,301' (49 holes) 13,244'-13,250' (37 holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 13,255-13,232' 13,289-13,301' AMOUNT AND KIND OF MATERIAL USED 250 gal. 7 1/2% MS & 6400 gal 7.5% MS acid. 1000 scf nitrogen/bbl. 250 gal. 10% Acetic, 3000 gal. Morflo BC w/ 500 scf nitrogen/bbl. Attempt acidize with 2000 gallons 7 1/2% Morflo BC/corr. Attempt acidize with 3000 gallons 7 1/2% Morflo BC/corr.	
DATE FIRST PRODUCTION 11/15/91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 11/25/91		HOURS TESTED 24	
CHOKE SIZE 30/64"		PROD'N. FOR TEST PERIOD 27	
OIL—BBL. 27		GAS—MCF. 643	
WATER—BBL. -0-		GAS-OIL RATIO 23,815/1	
FLOW. TUBING PRESS. 580		CASING PRESSURE packer	
CALCULATED 24-HOUR RATE 27		OIL GRAVITY-API (CORR.) 51°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Grays Pumping Service	
35. LIST OF ATTACHMENTS Deviation survey, DST information, logs previously sent.		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <i>James F. Brown</i>		TITLE Agent for Collins & Ware, Inc.	
DATE 11/26/91			

*(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):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Bone Springs	9,342'	9,421'	DST No. 1: See Attached.		Delaware Sand	5,370	5,370'
Bone Springs	9,414	9,519	DST No. 2: See Attached.		Bone Springs	8,338'	8,338'
Morrow	13,010	13,099	DST No. 3: See Attached.		Wolfcamp	10,975'	10,975'
					Strawn	12,224'	12,224'
					Atoka	12,490'	12,490'
					Lower Atoka	12,716'	12,716'
					Morrow Clastics	12,984'	12,984'
					Lower Morrow	13,455'	13,445'