

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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 14328	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Collins & Ware, Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 303 W. Wall, Suite 2200, Midland, Texas 79701 (915) 687-3435				8. FARM OR LEASE NAME, WELL NO. N.L. Federal No. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FEL At top prod. interval reported below 660' FSL & 1980' FEL At total depth 660' FSL & 1980' FEL				9. API WELL NO. 30-025-31518	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 6/10/92				16. DATE T.D. REACHED 6/29/92	
17. DATE COMPL. (Ready to prod.) 10/19/92				18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 3623' GL	
20. TOTAL DEPTH, MD & TVD 8475'				21. PLUG, BACK T.D., MD & TVD 8424'	
22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS All	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8267' - 8282' and 7005' - 7019' (Delaware)				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN				27. WAS WELL CORED No	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13-3/8		61#		822	
8-5/8		32#		4471	
5-1/2		17#		8472	
HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
17-1/2		850 - Surface		NA	
12-1/4		First 600 Surf Second 1625 - Surface			
7-7/8		D.V. tool at 3107'			
		First 400 - Surface Second 730 sacks			
29. LINER RECORD D.V. Tool 717'					
SIZE		TOP (MD)		BOTTOM (MD)	
-		-		-	
SACKS CEMENT*		SCREEN (MD)		SIZE	
				2-7/8"	
				DEPTH SET (MD)	
				6774	
				PACKER SET (MD)	
				NA	
31. PERFORATION RECORD (Interval, size and number)					
8267-8282 (64 holes)					
7005' - 7019' (29 holes)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
8267-8282 250 gal.		10% Acetic, 22,530 gal 35 Liner gel, 16,000# 20/40 Ottawa Sand			
7005-7019 250 gal.		10% Acetic; 1500 gal 7.5%, 10,000 gal. Viking 130, 25,000# 16/30 Ottawa Sand.			
33. PRODUCTION					
DATE FIRST PRODUCTION 8/29/92		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11/4/92		HOURS TESTED 24		CHOKE SIZE NA	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 10		GAS—MCF. TSTM	
WATER—BBL. 135		GAS-OIL RATIO TSTM			
FLOW. TUBING PRBS.		CASING PRESSURE 10		CALCULATED 24-HOUR RATE →	
OIL—BBL. 10		GAS—MCF. TSTM		WATER—BBL. 135	
OIL GRAVITY-API (CORR.) 40 degrees					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
TEST WITNESSED BY Carter Hughes					
35. LIST OF ATTACHMENTS Deviation Survey (Logs sent 7/29/92). No cores or test.					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Sheryl S. Jones</u> TITLE Agent for Collins & Ware, Inc DATE 11/9/92					

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Red Bed	0	822				
Salt & Anhydrite	822	3675		Delaware Sands	4500'	4500'
Anhydrite	3675	4298				
Lime & Dolomite	4298	4470		Cherry Canyon	5623'	5623'
Sand & Dolomite	4470	6490		Marker		
Sand	6490	6840				
Dolomite & Sand	6840	7820		Bone Springs	8404'	8404'
Sand & Shale	7820	8340				
Lime	8340	8475				