

RECEIVED
Form 3160-4
(October 1990)
APR 15 10 27 AM '93

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
NM 59378

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Happy Valley Fed Com No. 1

9. API WELL NO.
30-015-25243

10. FIELD AND ZONE OR WILDCAT
S. Carlisle (Wolfcamp)

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

Sec. 28, T-22-S, R-22-E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
1b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. REVR ☒ Other ☐

2. NAME OF OPERATOR

Collins & Ware, Inc.

3. ADDRESS AND TELEPHONE NO.

303 W. Wall, Suite 2200, Midland, Texas 79701 (915) 687-3435

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1780' FNL & 1830' FEL of Sec. 28

At top prod. interval reported below

1780' FNL & 1830' FEL of Sec. 28

At total depth

1780' FNL & 1830' FEL of Sec. 28

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
3/2/93 (PB)

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)
3/8/93 (PB)

19. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3336.5 GR

18. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
11,682'/Top of fish

21. PLUG, BACK T.D., MD & TVD
10,120' (RBP)

22. IF MULTIPLE COMPL., HOW MANY*
None

23. INTERVALS DRILLED BY
→

ROTARY TOOLS
All

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

9571' - 9586' (Wolfcamp)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

See Original Completion

27. WAS WELL CORRED

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	54.5	1647	17-1/2	2000 sks surface	NA
9-5/8	40	2595	12-1/4	775 sks surface	NA
5	20.8	11,838	8-1/2	2000 sks est. 500'	NA
		D.V. tool 5316'			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	9102.35'	9098.60'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

9571' - 9586' (61 holes) 1-11/16" enerjet

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9571-9586	250 gallons 10% Acetic
	3000 gallons 15% NEFE

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3/9/93		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/1/93	24	full	→	0	509	0	---	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
120	Packer	→	0	509	0	---		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

Carter Hughes

35. LIST OF ATTACHMENTS

C-121 (NMOCD)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Shirley L. Jones

TITLE

Agent for Collins & Ware, Inc.

DATE

4/7/93

*(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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

NOTE: See Exxon Company USA (Original Operator) for original completion information.