

Tight hole *clp*

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

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other RECOMPLETION

2. NAME OF OPERATOR

Collins & Ware, Inc.

JUN 28 1993

3. ADDRESS AND TELEPHONE NO.

303 W. Wall, Suite 2200 Midland, TX 79701 (915) 683-3435

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

At surface 660' FNL & 2310' FEL

At top prod. interval reported below 660' FNL & 2310' FEL

At total depth 660' FNL & 2310' FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-7-92

16. DATE T.D. REACHED

1/16/92

17. DATE COMPL. (Ready to prod.)

2/20/92

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

3282.4' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11,735'

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

10,620'

22. IF MULTIPLE COMPL., HOW MANY*

No

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

None

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

10,620'-10,304'

25. TYPE ELECTRIC AND OTHER LOGS RUN

LDT/ CNL

No

27. WAS WELL CORED

No

29.

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
13 3/8, K-55	54.50 & 68	417.15'	17 1/2"	N/A
9 5/8, N-80	43.50	1630.34'	12 1/4"	N/A
N-80, RS-90, P-110	32.29	10,742'	8 1/2"	N/A

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	10,646	11,733.44	215	

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	10,304.50	10,260.43

31. PERFORATION RECORD (Interval, size and number)

10,292'-10,304' 3 3/8" gun (48 holes)

32.

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,292'-10,304'	2500 gallons 15% NEFF Acid with additives plus 10,000 SCE Nitrogen pad & 1000 SCE Nitrogen/bbl in acid & flush

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2/20/92		Flowing					Shut in as of 2/21/92	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2/21/92	8	various	→	0	1920	-0-	--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
1770	Packer	→	-0-	1920	-0-	N/A		

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

will be sold upon connection to pipeline

TEST WITNESSED BY

Bill Baker

35. LIST OF ATTACHMENTS

DST No. 1, Deviation Survey, Logs

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

SIGNED

TITLE

Agent for Collins & Ware, Inc.

DATE

4/22/92

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Cherry Canyon	2523	2542	Sand & Lime	Delaware	1702'	1702'
Cherry Canyon	2554	2577	Sand & Lime DST No. 1 2521'-2577' (56') (See attached) Test aborted. Initial flow & shut in valid	Bone Springs	4920'	4920'
	9929	9940	Lime & Shale	Wolfcamp	8511'	8511'
Strawn	10,203	10,213	Lime & Shale	Strawn	10,094'	10,094'
				Atoka	10,409'	10,409'
Strawn	10,283	10,293	70% lime, 30% shale, 20' flare	Norow Clastics	11,110'	11,110'
				Lower Norow	11,474'	11,474'