



00514458

FOR OFFICE USE			
ET	FE	LC	SE

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. OPERATOR **Union Pacific Resources Company** PHONE **(817)877-6530**  
 ADDRESS **P.O. Box 7 MS 3407, Fort Worth, TX 76101-0007**

2. DRILLING CONTRACTOR **Murfin Drilling** PHONE **(316)267-3241**

3. LOCATION OF WELL (Footages from section lines)  
 At surface **1400' FSL & 900' FEL**  
 At top prod. interval reported below  
 At total depth **Drilled as a straight hole.**  
 WAS DIRECTIONAL SURVEY RUN? NO  YES  IF YES, ATTACH COPY

4. ELEVATIONS  
 KB **5052'**  
 GR **5042'**

5. TYPE OF WELL  OIL  GAS  METHANE  DRY  
 INJECTION  OTHER

6. TYPE OF COMPLETION  COMMINGLED  
 NEW WELL  MULTIPLE COMPLETION  
 RECOMPLETION (DATE STARTED \_\_\_\_\_)

7. FEDERAL/INDIAN OR STATE LEASE NO. **UPRR**

8. IF INDIAN, ALLOTTEE OR TRIBE NAME **N/A**

9. WELL NAME AND NUMBER **Christopher 43-1 #4**

10. FIELD OR WILDCAT **Speaker (77825)**

11. QTR. QTR. SEC. T. R. AND MERIDIAN **NE/SE Sec. 1-12S-51W**

12. PERMIT NO. **93-673**

13. API NO. **05 -017-7383**

14. SPUD DATE **07-19-93**

15. DATE TD REACHED **7-29-93**

16. DATE COMPL.  D&A  READY TO PROD **8-1-93**

17. COUNTY **Cheyenne**

18. STATE **CO.**

19. TOTAL DEPTH **MD 6723'** TVD

20. PLUG BACK TOTAL DEPTH **MD 6644'** TVD

21. DEPTH BRIDGE PLUG SET **MD N/A** TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**LDT/CNL; DIL; Sonic; FMS**

23. WAS WELL CORED? NO  YES  (Submit Analysis)  
 WAS DST RUN? NO  YES  (Submit Report) **HRRW**

24. CASING & LINER RECORD (Report all strings set in well) **MUD LOG**

SIZE	WEIGHT (LB/FT)	HOLE SIZE	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	NO. OF SKS. & TYPE OF CEMENT	SLURRY VOL. (BBL.)	TOP OF CEMENT (Specify calc. or CBL)
12 1/4"	24#	8 5/8"	----	510'		230 sxs 65; 35 poz + 80 sxs class A		surface
7 7/8"	15.5#	5 1/2"	----	6720'		120 sxs class H + 75 sxs Halliburton lite + 50 sxs class A		
					3257			2630

25. TUBING RECORD - Please Specify # of Strings

SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)
2 7/8"	6626							

26. PRODUCING INTERVALS

FORMATION	TOP	BOTTOM	GROSS PERFORATED INTERVAL	SIZE	NO. HOLES	PERF. STATUS (open, squeezed)
A) Morrow V-11	6668'	6675'	6668'-6675'	7'	4 JSPF	open
B)						
C)						
D)						

27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE/COMINGLED PRODUCTION (RULE 332)

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
N/A	

29. PRODUCTION - INTERVAL A

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
08-16-93	08-17-93	24	→	290	93	0	---	vent	flowing
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
8x86x2"	50#	50#	→	290	93	0	321	producing	

PRODUCTION - INTERVAL B

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
			→						
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
			→						

**PRODUCTION - INTERVAL C**

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

**PRODUCTION - INTERVAL D**

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

30. PLEASE ATTACH AN 8 1/2" x 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION, FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):

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.

32. FORMATION (LOG) MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP
					MEAS. DEPTH
DST #1: Morrow V11	6570	6595	Times: 15-30-60-60 BHT: 168° F Recovery: 2700 cc oil, 3/4 API, 3 cuft. gas, 600 psi Pressure Data: IHP: 3202 IFP: 361-517 open ISIP: 945 FFP: 536-848 FSIP: 945 FHP: 3111	Dakota Cheyenne Blain Salt Stone Corral Neva Foraker Shawnee Heebner Toronto Lansing Marmaton Cherokee Atoka Morrow V5 V7 V11 Lower Morrow Spergen	2840' 3154' 3886' 4202' 4822' 4908' 5137' 5383' 5406' 5430' 5813' 5927' 6151' 6382' 6468' 6504' 6566' 6590' 6678'

33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

34. CIRCLE ENCLOSED ATTACHMENTS:

- |                                       |                                 |   |
|---------------------------------------|---------------------------------|---|
| 1. MECHANICAL LOGS (1 full set req'd) | 3. WELLBORE SKETCH<br>(See #27) | 6. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION |
| 2. GEOLOGIC REPORT                    | 4. DST REPORT                   | 7. CORE ANALYSIS                                      |
|                                       | 5. DIRECTIONAL SURVEY           | 8. OTHER:   |

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

SIGNED Cami Minzenmayer

PRINT Cami Minzenmayer TITLE Regulatory Analyst DATE 09-29-93