

STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES



00509094

Submit 1 copy

FOR OFFICE USE			
ET	FE	UC	SE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. OPERATOR **Union Pacific Resources Company** PHONE \_\_\_\_\_  
 ADDRESS **P.O. Box 7 MS 3006, Fort Worth, TX 76101-0007**  
 2. DRILLING CONTRACTOR **NA** PHONE \_\_\_\_\_

5. TYPE OF WELL  
 OIL  GAS  COALBED METHANE  DRY  
 INJECTION  OTHER

6. TYPE OF COMPLETION  COMMINGLED  
 NEW WELL  MULTIPLE COMPLETION  
 RECOMPLETION

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

8. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

3. LOCATION OF WELL (Footages from section lines)  
 At surface **2060' FNL & 1320' FWL**  
 At top prod. interval reported below  
 At total depth **same**  
 WAS DIRECTIONAL SURVEY RUN?  NO  YES IF YES, ATTACH COPY



4. ELEVATIONS  
 KB **4093**  
 GR **4082'**

9. WELL NAME AND NUMBER  
**Harker 12-35 #4**

10. FIELD OR WILDCAT  
**Harker Ranch**

11. QTR. QTR. SEC. T.R. AND MERIDIAN  
**SW/NW Sec. 35, T 12S, R 43W**

12. PERMIT NO. **----** 13. API NO. **05-017-71274** 14. SPUD DATE **04/14/90** 15. DATE TD REACHED **04/24/90** 16. DATE COMPL. **06/07/96** 17. COUNTY **Cheyenne** 18. STATE **CO**  
 D&A  READY TO PROD

19. TOTAL DEPTH **MD 5370** TVD \_\_\_\_\_ 20. PLUG BACK TOTAL DEPTH **MD 5266** TVD \_\_\_\_\_ 21. DEPTH BRIDGE PLUG SET **MD 5266** TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**No logs run during this workover.** 23. WAS WELL CORED?  YES  NO (Submit Analysis) WAS DST RUN?  YES  NO (Submit Analysis)

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

SIZE	WEIGHT(LB/FT)	HOLE SIZE	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER	NO. OF SKS. & TYPE OF CEMENT	SLURRY VOL (BBL)	TOP OF CEMENT (Specify calc. or CBL)
<b>8 5/8</b>	<b>24#</b>	<b>12 1/4</b>	<b>Surf.</b>	<b>656.86</b>		<b>240 sxs 65:35 POZ + 75 sxs Class A</b>	<b>78.65</b> <b>15.63</b>	<b>Surf</b>
<b>5 1/2</b>	<b>15.5</b>	<b>7 7/8</b>	<b>3900</b>	<b>5370'</b>		<b>100 sxs 50:50 POZ + 150 sxs Class A</b>	<b>22.44</b> <b>31.27</b>	<b>3900'</b>

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)
<b>2 7/8</b>	<b>5180</b>	<b>---</b>						

26. PRODUCING INTERVALS 27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE COMMINGLED PRODUCTION (RULE 332)

FORMATION	TOP	BOTTOM	GROSSPERFORATED INTERVAL	SIZE	NO. HOLES	PERF. STATUS (open, squeezed)
<b>A) Morrow</b>	<b>5230-</b>	<b>5258-</b>	<b>5230-5258</b>	<b>2 1/8" TG</b>		<b>Open</b>
<b>B)</b>	<b>5176</b>	<b>5299</b>				
<b>C)</b>						
<b>D)</b>						

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
<b>NA</b>	

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
<b>06/07/96</b>	<b>06/19/96</b>	<b>24</b>	<b>→</b>	<b>1</b>	<b>2188</b>	<b>0</b>	<b>---</b>	<b>Sold</b>	<b>Flowing</b>
<b>CHOKE SIZE</b>	<b>FLOW. TBG. PRESS.</b>	<b>CSG. PRESS.</b>	<b>24 HR. RATE</b>	<b>OIL BBL</b>	<b>GAS MCF</b>	<b>WATER BBL</b>	<b>GAS: OIL RATIO</b>	<b>ZONE STATUS</b>	
			<b>→</b>	<b>1</b>	<b>2188</b>	<b>0</b>	<b>2188000</b>	<b>Producing</b>	

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
			<b>→</b>						
<b>CHOKE SIZE</b>	<b>FLOW. TBG. PRESS.</b>	<b>CSG. PRESS.</b>	<b>24 HR. RATE</b>	<b>OIL BBL</b>	<b>GAS MCF</b>	<b>WATER BBL</b>	<b>GAS: OIL RATIO</b>	<b>ZONE STATUS</b>	
			<b>→</b>						

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

Sold

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 AND RECOVERIES.

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.

32. FORMATION (LOG) MARKERS

NAME	TOP
	MEAS. DEPTH
Ogalala	
Laramie	
Fox Hills	
Niobrara	
Fort Hayes	1504
Codell	1576
Carlile	1594
Greenhorn	1726
Graneros Sh.	1800
X-Bentonite	1881
Dakota SS.	1964
Kiowa/Skull Creek	2150
Cheyenne SS.	2302
Morrison	2462
Taloga	2532
Day Creek	2622
Blaine	2782
Cedar Hills/Lyons	2891
Stone Corral	3096
Wolfcamp	3403
Neva	3732
Foraker	3800
Wabaunsee	3994
Shawnee	4118
Lansing-Kan. City	4358
Marmaton	4725
Cherokee	4888
Atoka	5042
Morrow	5176
Morrow Sand	5221
Keyes (lime) (L. Morrow)	5299

33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE):

34. CIRCLE ENCLOSED ATTACHMENTS:

- 1. MECHANICAL LOGS (1 full set req'd)
- 2. GEOLOGIC REPORT
- 3. DST REPORT
- 4. DIRECTIONAL SURVEY

5. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

- 6. CORE ANALYSIS
- 7. OTHER:

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

PRINT Beth Wetzel

SIGNED Beth Wetzel

TITLE Regulatory Analyst Agent

DATE 08/07/96