

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

Submit 1 copy



FOR OFFICE USE			
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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. OPERATOR Union Pacific Resources Company		PHONE (817) 877-7956	
ADDRESS P.O. Box 7 - MS 3407, Fort Worth, Texas 76101-0007			
2. DRILLING CONTRACTOR Exeter Drilling		PHONE (303) 861-0181	
3. LOCATION OF WELL (Footages from section lines) At surface 2060' FNL & 1320' FWL At top prod. interval reported below At total depth Drilled as a straight hole		4. ELEVATIONS KB 4093' GR 4083'	
5. TYPE OF WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> METHANE <input type="checkbox"/> DRY <input type="checkbox"/> INJECTION <input type="checkbox"/> OTHER		6. TYPE OF COMPLETION <input type="checkbox"/> COMMINGLED <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> RECOMPLETION (DATE _____)	
7. FEDERAL/INDIAN OR STATE LEASE NO. Fee Lease		8. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
9. WELL NAME AND NUMBER Harker 12-35 #4		10. FIELD OR WILDCAT Harker Ranch	
11. QTR. QTR. SEC. T. R. AND MERIDIAN W/2 SW NW 35-12S-43W			

WAS DIRECTIONAL SURVEY RUN? NO ☒ YES ☐ IF YES, ATTACH COPY

12. PERMIT NO. 90-136	13. API NO. 05-017-7127	14. SPUD DATE 04-14-90	15. DATE TD REACHED 04-24-90	16. DATE COMPL. <input type="checkbox"/> D&A 05-04-90 <input checked="" type="checkbox"/> READY TO PROD	17. COUNTY Cheyenne	18. STATE CO.
19. TOTAL DEPTH MD 5370' TVD		20. PLUG BACK TOTAL DEPTH MD 5322' TVD		21. DEPTH BRIDGE PLUG SET MD TVD		
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) DIL-GR, ZDL-CN				23. WAS WELL CORED? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit Analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit Report)		

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

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)
8 5/8"	23#	12 1/4"	Surf	656.86'		240 sx	78.65	Surf
						65:35		
						75 sx 'A'	15.63	
5 1/2"	15.5#	7 7/8"	Surf	5380'		100 sx	22.44	3900'
						50:50 Poz		
						150 sx 'A'	31.27	

## 25. TUBING RECORD - Please Specify # of Strings 1

SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET (MD)	PACKER DEPTH (MD)
2 7/8"	5237'	SN						

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

FORMATION	TOP	BOTTOM	GROSS PERFORATED INTERVAL	SIZE	NO. HOLES	PERF. STATUS (open, squeezed)
A) Morrow	5272'	5280'	5272' - 80'	34 GM	32	Open
B)						
C)						
D)						

## 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
05-10-90	05-17-90	24	→	113	12	11		Fuel-Vent	Pump during test
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	
Pump 7x86x1 1/2	60	80	→	113	12	11	106.19	Pumping	

30. 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	
			→						

COMPLETE AND SIGN BACK PAGE



# 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.

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.
	5260	5280	DST #1 - Morrow V-7
	5158	5230	DST #2 - Morrow

## 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
Keyas (lime)(L. Morrow)	5299

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

## 34. CIRCLE ENCLOSED ATTACHMENTS:

1. MECHANICAL LOGS (1 full set req'd)

2. GEOLOGIC REPORT

3. WELLBORE SKETCH  
(See #27)

4. DST REPORT

5. DIRECTIONAL SURVEY

6. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

7. CORE ANALYSIS

8. OTHER:

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

SIGNED

Joy L. Prohaska

PRINT

TITLE

Regulatory Analyst

DATE

07-11-90