

STATE OF COLORADO
AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

RECEIVED

MAY 24 1993

OIL & GAS CONSERV. COMM.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE				5. LEASE DESIGNATION AND SERIAL NO. UPRR	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> RE-ENTER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				7. UNIT AGREEMENT NAME	
2. OPERATOR: Union Pacific Resources Company ADDRESS: P.O. Box 7 - MS 3407 CITY: Fort Worth STATE: Texas ZIP: 76101-0007				8. FARM OR LEASE NAME CHRISTOPHER 43-1	
3. PHONE NO. (817) 877- 7952				9. WELL NO. 4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1400' FSL & 900' FEL Order # 490-1				10. FIELD AND POOL, OR WILDCAT SPEAKER	
At proposed Prod. zone Straight Hole				11. QTR. QTR. SEC. T.R. AND MERIDIAN NE/SE 1-12S-51W	
13. DISTANCE, IF LESS THAN 200 FT. FROM ANY OCCUPIED BLDG. PUBLIC ROAD, ABOVE GROUND UTILITY LINE OR RAILROAD (SHOW FOOTAGES ON SURVEY PLAT)				12. COUNTY CHEYENNE	
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Also to nearest drlg. line, if any: 900'		15. NO. OF ACRES IN LEASE* 642.1		16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 80 E/2 SE	
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. +/- 1800'		18. PROPOSED DEPTH 7000'		19. OBJECTIVE FORMATION MORROW	
20. ELEVATIONS (Show whether GR or KB) 5042' GR		21. DRILLING CONTRACTOR MURFIN DRLG		22. APPROX. DATE WORK WILL START 6-12-93	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	8-5/8"	24#	500'	+/- 275 SX	
7-7/8"	5-1/2"	15.5#	td	100 SX 50/50; 150 SX CLASS A	
24. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If NOT surface bond must be on file or copy of surface agreement must be furnished. If irrigated land, surface bond of \$5000 is required.					
*DESCRIBE LEASE BY QTR. QTR., SEC., TOWNSHIP, RANG.					
SURFACE BOND ON FILE					
642.1 Acres (irregular section) = All of Sec. 1					
25. PLEASE FILL IN APPROPRIATE CODES: OPER. NO. 91100 DRLR NO. 61650 FIELD NO. 77825 LEASE NO. FORM CD. MRRW Cause 490 Las Animas Arch					
PRINT RACHELLE MONTGOMERY SIGNED <i>Rachelle Montgomery</i> TITLE REGULATORY ANALYST DATE 05-21-93					

This space for Federal or State Use

PERMIT NO. 93-673 APPROVAL DATE JUN 3 1993 EXPIRATION DATE OCT 3 1993
APPROVED BY: Susan McCannan TITLE Director DATE 6-3-93
Oil & Gas. Conserv. Comm.

CONDITIONS OF APPROVAL, IF ANY:

IF PRODUCTION CASING IS SET PROVIDE ANNUAL CEMENT COVERAGE ACROSS CARIENNE AND DAKOTA AQUIFERS. IF THE WELL IS A DRY HOLE SET THE FOLLOWING PLUGS:

- ① 40 SX ABOVE ANY SIGNIFICANT MORROW OR DST ZONE
- ② 40 SX CMT @ 3800'
- ③ 40 SX CMT @ 3200'
- ④ 40 SX CMT @ 2850'
- ⑤ 40 SX CMT @ 550'
- ⑥ 10 SX CMT @ 50'
- ⑦ CMT CESS 4' B.G.L. HELD ON A CAPS RESTORE LOCATION TO INCLUDE 10 SX CMT IN RAT AND MOUSE HOLES.

See Instructions On Reverse Side

A.P.I. NUMBER

05 017 7383