



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

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE				3. LEASE DESIGNATION AND SERIAL NO. N/A 91-8153																			
1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> RE-ENTER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A																			
2. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				7. UNIT AGREEMENT NAME N/A																			
3. 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 Cheeto State 11-16																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 661" FNL & 810" FWL At proposed Prod. zone To be drilled as a straight hole				9. WELL NO. 1																			
13. DISTANCE, IF LESS THAN 200 FT. FROM ANY OCCUPIED BLDG. PUBLIC ROAD, ABOVE GROUND UTILITY LINE OR RAILROAD (SHOW FOOTAGES ON SURVEY PLAT) N/A				10. FIELD AND POOL OR WILDCAT Wildcat																			
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Atm to nearest drlg line, if any 661'				11. QTR. QTR. SEC. T.R. AND MERIDIAN NW NW/4 Sec. 16-14S-49W																			
15. NO OF ACRES IN LEASE* 640				12. COUNTY Cheyenne																			
16. PROPOSED DEPTH 5910'				13. NO OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 80 W/2																			
17. OBJECTIVE FORMATION Morrow				14. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A																			
20. ELEVATIONS - Show whether GR or KB 4459'				21. DRILLING CONTRACTOR Cheyenne Drilling																			
22. APPROX. DATE WORK WILL START Upon approval				23. PHONE NO. (316)277-2062																			
24. PROPOSED CASING AND CEMENTING PROGRAM																							
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT PER FOOT</th><th>SETTING DEPTH</th><th colspan="2">QUANTITY OF CEMENT</th></tr></thead><tbody><tr><td>12 1/4"</td><td>8 5/8"</td><td>24#</td><td>500'</td><td colspan="2">+/- 275 sxs</td></tr><tr><td>7 7/8"</td><td>5 1/2"</td><td>15.5#</td><td>TD</td><td colspan="2">100 sxs 50:50; 150 sxs class A</td></tr></tbody></table>						SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT		12 1/4"	8 5/8"	24#	500'	+/- 275 sxs		7 7/8"	5 1/2"	15.5#	TD	100 sxs 50:50; 150 sxs class A	
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25. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES <input checked="" type="checkbox"/> NO <input 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. Surface bond on file W/SLB *DESCRIBE LEASE BY QTR. QTR., SEC., TWSHP., RNC. Section 16= 640 acres																							
PLEASE FILL IN APPROPRIATE CODES: OPER. NO. 91100 DRLR NO. 16710 FIELD NO. 99999 LEASE NO. FORM CD. MRRW																							

PLEASE CONSIDER ALL FUTURE SUBMITTALS CONFIDENTIAL.

Los Animas Arch

PRINT Cami Minzenmayer
SIGNED Cami Minzenmayer TITLE Regulatory Analyst DATE 10-29-93

This space for Federal or State Use

PERMIT NO 931674 APPROVAL DATE NOV 8 1993 EXPIRATION DATE MAR 5 1994
APPROVED BY Susan McCannan TITLE Director DATE NOV 8 1993

CONDITIONS OF APPROVAL IF ANY: IF PRODUCTION CSG IS SET PROVIDE

ANNUAL CEMENT COVERAGE ACROSS CHEYENNE AND DAKOTA ZONES.
IF WELL IS A DRY HOLE SET PLUGS AT THE FOLLOWING DEPTHS

- ① 40 SKS CMT 50' ABOVE ANY SIGNIFICANT MORROW ZONE AND/OR SIGNIFICANT DST ZONE
- ② 40 SKS CMT FROM 2700' UP
- ③ 40 SKS CMT FROM 2050' UP
- ④ 40 SKS CMT FROM 1600' UP
- ⑤ 40 SKS CMT 1/2 OUT 1/2 IN 8 5/8 SURF CSG
- ⑥ 10 SKS CMT TOP 8 5/8 CSG, CUT 4 FT BELOW GL, WELD PLATE
- ⑦ 5 SKS CMT RAT HOLE + MOUSE HOLE, FILL TO SURFACE WITH DIRT OR MUD

