



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



APPLICATION  
FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE

1a TYPE OF WORK DRILL  DEEPEN  RE-ENTER   
b TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2 OPERATOR: Union Pacific Resources Company  
ADDRESS: P.O. Box 7 - MS 3407  
CITY: Fort Worth STATE: Texas ZIP: 76101-0007  
3. PHONE NO. (817) 877-7952

4. LOCATION OF WELL: Report location clearly and in accordance with any State requirements.  
At surface 1300 FNL & 400 FEL  
At proposed Prod. zone Spacing Order: 490-1  
Straight Hole.

13. DISTANCE, IF LESS THAN 200 FT. FROM ANY OCCUPIED BLDG. PUBLIC ROAD, ABOVE GROUND UTILITY LINE OR RAILROAD (SHOW FOOTAGES ON SURVEY PLAT) ± 150'  
12. COUNTY Cheyenne

14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Also to nearest drlg. line, if any: 400'  
15. NO. OF ACRES IN LEASE: 642.1  
16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL: 80 acre Stand-up  
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ±2700'  
18. PROPOSED DEPTH 7000'  
19. OBJECTIVE FORMATION MORROW

20. ELEVATIONS Show whether GR or KB: 5070'  
21. DRILLING CONTRACTOR Murfin Drlg. PHONE NO. (316)267-3241  
22. APPROX. DATE WORK WILL START Upon Approval

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  NO   
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

RECEIVED  
AUG 13 1993

COLO. OIL & GAS CONS. COMM.

PLEASE FILL IN APPROPRIATE CODES:  
OPER. NO. 91100  
DRLR. NO. 61650  
FIELD NO. 77825  
LEASE NO.  
FORM CD. MRRW  
Cause 490  
Las Animas Arch

\*DESCRIBE LEASE BY QTR. QTR., SEC., TOWNSHIP, RNC.

642.1 acres (irregular section) = all of section 1

Please consider all future submittals "Confidential"

25. PRINT Rachelle Montgomery  
SIGNED Rachelle Montgomery TITLE Regulatory Analyst DATE 8-12-93

This space for Federal or State Use  
PERMIT NO. 931088 APPROVAL DATE AUG 19 1993 EXPIRATION DATE DEC 17 1993  
APPROVED BY Susan McCannon TITLE Director DATE 8-19-93  
Oil & Gas. Conserv. Comm.

CONDITIONS OF APPROVAL, IF ANY:  
CC: Lincoln County Clerk

If production casing is set, provide annular cement coverage across the Cheyenne and Dakota aquifers. If the well is a dry hole, in addition to any other plugs required by the Commission, set the following plugs using neat cement:  
1. 40 sx above any significant Morrow or DST zone. 2. 40 sx @ 3900 feet. 3. 40 sx @ 3200 feet.  
4. 40 sx @ 2850 feet. 5. 40 sx 50 feet below the surface casing shoe.  
6. 10 sx @ 50 feet.  
7. Cut off casing 4 feet below ground level and weld on a cap.  
See Instructions On Reverse Side

A.P.I. NUMBER  
05 017 7393