



OGCC FORM 2  
Rev. 10/86

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



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE				5. LEASE DESIGNATION AND SERIAL NO. 86-3170-S	
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 N/A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				7. UNIT AGREEMENT NAME N/A	
2. OPERATOR: Union Pacific Resources Company				8. FARM OR LEASE NAME Heart Ranch-State 12-12	
ADDRESS: P.O. Box 7 - MS 3407				9. WELL NO. 1	
CITY: Fort Worth STATE: Texas ZIP: 76101-0007				10. FIELD AND POOL, OR WILDCAT Wildcat	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2045' FNL & 600' FWL ✓ At proposed Prod. zone To be drilled as a straight hole				11. QTR. QTR. SEC. T.R. AND MERIDIAN SW/NW Sec 12-T16S-R48W	
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				12. COUNTY Cheyenne	
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Also to nearest drlg. line, if any: 600'		15. NO. OF ACRES IN LEASE 320		16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 40	
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		18. PROPOSED DEPTH 5400'		19. OBJECTIVE FORMATION Morrow	
20. ELEVATIONS (Show whether GR or KB) 4238' GR		21. DRILLING CONTRACTOR Murfin Drilling		22. APPROX. DATE WORK WILL START Upon Approval	
PHONE NO. 316/267-3241					

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'	250 sxs
7-7/8"	5-1/2"	15.5#	5400'	200 sxs

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.

RECEIVED

JUN 28 1991

Blanket Bond w/ SLB

PLEASE FILL IN APPROPRIATE CODES:

OPER. NO. 91100  
DRLR. NO. 61650  
FIELD NO. 99999  
LEASE NO.  
FORM CD. MRRW

Las Animas Arch

\*DESCRIBE LEASE BY QTR., QTR., SEC., TWSHP., RNC.  
320 acres being the N/2 Section 12-T16S-R48W

Surface Bond on File ✓

LEASE CONSIDER ALL FUTURE SUBMITTALS CONFIDENTIAL

25. PRINT Kris Curran  
SIGNED Kris Curran TITLE Regulatory Analyst DATE June 27, 1991

This space for Federal or State Use

PERMIT NO 91-536 APPROVAL DATE JUL 3 1991 EXPIRATION DATE NOV 1 1991  
APPROVED BY Dennis R Bicknell TITLE Director DATE JUL 3 1991  
Oil & Gas. Conserv. Comm.

CONDITIONS OF APPROVAL, IF ANY:

If abandoned, set adequate plugs to protect the Dakota (~1260') and Cheyenne (~1620') aquifers, in addition to other required plugs.  
See Instructions On Reverse Side

A.P.I. NUMBER

05 017 7237