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 COLO. OIL & GAS CONS. COMM.

OGCC FORM 2
 Rev. 10/88

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
UPRR Section

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Mockelman 31-19

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. QTR. QTR. SEC. T.R. AND MERIDIAN
Sec 15-T15S-R46W

12. COUNTY
Cheyenne

1a. TYPE OF WORK **DRILL** **DEEPEN** **RE-ENTER**

1b. 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) 877-7958**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface **600' FNL & 1980' FEL** ✓
 At proposed Prod. zone **To be drilled as a 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) **N/A**

14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. **600'**
 Also to nearest drlg. line, if any:

15. NO. OF ACRES IN LEASE* **640**

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 **5500'**

19. OBJECTIVE FORMATION **Morrow**

20. ELEVATIONS (Show whether GR or KB) **4281'**

21. DRILLING CONTRACTOR **Murfin Drilling** 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' ✓	250 sx
7-7/8	5-1/2	15.5#	5500'	200 sx

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.

*DESCRIBE LEASE BY QTR. QTR., SEC., TOWNSHIP., RNG.
640 acres, being all of Sec 15-T15S-R46W. ✓
Surface bond on file. ✓

PLEASE HOLD ALL FUTURE SUBMITTALS CONFIDENTIAL.

PLEASE FILL IN APPROPRIATE CODES:
 OPER. NO. **91100**
 DRLR. NO. **61650**
 FIELD NO. **99999**
 LEASE NO. _____
 FORM CD. **MRRW**

25. PRINT **Wanda E. Richmond**
 SIGNED Wanda E. Richmond TITLE **Regulatory Analyst** DATE **5-4-92**

This space for Federal or State Use

PERMIT NO **92-469** APPROVAL DATE **MAY 11 1992** EXPIRATION DATE **SEP 8 1992**

APPROVED BY Dennis R. Buchell TITLE **Director** DATE **MAY 11 1992**
 Oil & Gas. Conserv. Comm.

CONDITIONS OF APPROVAL, IF ANY:
Dakota and Choyeno Aquifers are anticipated at approx. 1550' and 1850', respectively. If 5 1/2" casing is run, provide annular cement coverage. If well is a dry hole, provide a cement plug opposite each aquifer, in addition to other required plugs. DCA

See Instructions On Reverse Side

A.P.I. NUMBER
05 017 7314