

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. 85-2838																
1. TYPE OF WORK a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> b. TYPE OF WELL SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME																
2. OPERATOR: MURFIN DRILLING COMPANY, INC. and JAYARE EXPLORATION, INC. ADDRESS: 250 North Water, Suite 300 CITY: Wichita STATE: Kansas ZIP: 67202				7. UNIT AGREEMENT NAME																
3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL 1980' FWL ✓ At proposed Prod. zone Same				8. FARM OR LEASE NAME UPRC STATE																
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				9. WELL NO. 1-22																
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 660'		15. NO. OF ACRES IN LEASE* 320		10. FIELD AND POOL, OR WILDCAT Wildcat																
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		18. PROPOSED DEPTH 5200'		11. QTR. QTR. SEC. T.R. AND MERIDIAN NE NW Sec. 22-T16S-R46W ✓																
20. ELEVATIONS (Show whether GR or KB) 4173 GR		21. DRILLING CONTRACTOR Murfin Drilling Co., Inc.		12. COUNTY Cheyenne																
22. APPROX. DATE WORK WILL START 11-1-91		16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 80 acres																		
19. OBJECTIVE FORMATION Morrow																				
23. 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>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>265 SX</td></tr><tr><td>7-7/8"</td><td>5-1/2"</td><td>15.5#</td><td>5200'</td><td>225 SX</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'	265 SX	7-7/8"	5-1/2"	15.5#	5200'	225 SX
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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. Bond K 03117935 W/SLB ✓ *DESCRIBE LEASE BY QTR. QTR., SEC., TWSHP., RNG. W/2 Sec. 22-16S-46W ✓																				
25. PRINT <u>C. Scott Robinson</u> SIGNED <u>C. Scott Robinson</u> TITLE <u>Geological Manager</u> DATE <u>10-17-91</u>																				

RECEIVED

OCT 21 1991

COLO.OIL & GASCONS.COM

PLEASE FILL IN APPROPRIATE CODES:

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

(This space for Federal or State Use)

PERMIT NO. **911020** APPROVAL DATE **OCT 31 1991** EXPIRATION DATE **MAR 3 1992**
APPROVED BY Dr. Bucknell TITLE Director DATE **OCT 31 1991**
Oil & Gas. Conserv. Comm.

CONDITIONS OF APPROVAL, IF ANY:

If abandoned, set adequate plug to protect the Dakota (~1350) and Cheyenne (~1700') aquifers, in addition to other required plug.

See Instructions On Reverse Side

Comply with new survey plat requirements on future permits.

A.P.I. NUMBER

05 017 7270