



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 Fee																
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																
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				7. UNIT AGREEMENT NAME																
c. SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. FARM OR LEASE NAME Avalanche																
2. OPERATOR: Amoco Production Company ADDRESS: PO Box 800 Room 924 CITY: Denver STATE: CO ZIP: 80201				9. WELL NO 1-14																
3. PHONE NO 830-5323				10. FIELD AND POOL OR WILDCAT Wildcat																
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. At surface 2040' FNL & 2040' FWL (C SE NW)				11. QTR. QTR. SEC. T.R. AND MERIDIAN SE NW Sec. 14-T15S-R43W 6th P.M.																
At proposed Prod. zone Same				12. COUNTY Cheyenne																
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				16. NO. OF ACRES AND/OR DRILLING UNIT Assigned to this well Unspaced																
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Also to nearest drlg. line, if any: 604'		15. NO. OF ACRES IN LEASE* 160		19. OBJECTIVE FORMATION Morrow																
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		18. PROPOSED DEPTH 5800'		22. APPROX. DATE WORK WILL START March 22, 1996																
20. ELEVATIONS (Show whether GR or KB) 4112.4'		21. DRILLING CONTRACTOR Kudu Drilling Company 316-264-6366		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>600'</td><td>Cement to Surface</td></tr><tr><td>7 7/8"</td><td>5 1/2"</td><td>14</td><td>5800'</td><td>2 stage-1st stage TD to ± 4500'</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	600'	Cement to Surface	7 7/8"	5 1/2"	14	5800'	2 stage-1st stage TD to ± 4500'
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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. Blanket Bond																				
*DESCRIBE LEASE BY QTR. QTR., SEC., TWSHP., RNC. Entire NW/4 of Sec. 14-T15S-R43W																				
25. PRINT Susan R. Potts																				
SIGNED Susan R. Potts TITLE Senior Staff Assisant DATE March 11, 1996																				
This space for Federal or State Use																				
PERMIT NO 96-195 APPROVAL DATE MAR 18 1996 EXPIRATION DATE SEP 13 1996																				
APPROVED BY [Signature] TITLE Director DATE 3/19/96																				
CONDITIONS OF APPROVAL, IF ANY:																				
A.P.I. NUMBER 050177517																				

See Instructions On Reverse Side

If production casing is set provide annular cement coverage of Cheyenne and Dakota zones. Run Cement Bond Log to verify Cheyenne/Dakota protection. If well is a dry hole set plugs at the following depths:
1) 40 sks cement +/-50' above any significant Morrow zone and/or significant DST zone 2) 40 sks cement from 2200' up 3) 40 sks cement from 1930' up 4) 40 sks cement from 1550' up 5) 40 sks cement 1/2 out, 1/2 in 8 5/8 casing 6) 10 sks cement top 8 5/8 casing, cut 4 ft below GL, weld on plate 7) 5 sks cement in rat hole and mouse hole

BEST IMAGE
AVAILABLE