



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

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

5. LEASE DESIGNATION AND SERIAL NO  
Fee  
6 IF INDIAN, ALLOTTEE OR TRIBE NAME

2 OPERATOR: Amoco Production Company  
ADDRESS: PO Box 800 Room 924  
CITY: Denver STATE: CO ZIP: 80201  
3. PHONE NO (303) 830-5323

7 UNIT AGREEMENT NAME  
8 FARM OR LEASE NAME  
Avalanche

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 2040' FNL & 2040' FWL (C SE NW)  
At proposed Prod. zone Same

9 WELL NO  
1-14  
10. FIELD AND POOL OR WILDCAT  
Wildcat

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

11. QTR. QTR. SEC. T.R. AND MERIDIAN  
SE NW Sec. 14-T15S-R43W  
6th P.M.

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

16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL Unspaced

17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A

18. PROPOSED DEPTH 5800'

19. OBJECTIVE FORMATION Morrow

20. ELEVATIONS (Show whether GR or KB) 4112.4'

21. DRILLING CONTRACTOR Kudu Drilling Company PHONE NO. 316-264-6366

22. APPROX. DATE WORK WILL START March 22, 1996

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	600'	Cement to Surface
7 7/8"	5 1/2"	14	5800'	2 stage-1st stage TD to ± 4500'

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. Blanket Bond

2nd stage 2900' to 500'  
PLEASE FILL IN APPROPRIATE CODES:

\*DESCRIBE LEASE BY QTR. QTR., SEC., TWSHP., R.NG.  
Entire NW/4 of Sec. 14-T15S-R43W

OPER. NO 02500  
DRLR NO  
FIELD NO 99999  
LEASE NO  
FORM CD MRRW

Las Animas

25. PRINT Susan R. Potts  
SIGNED Susan R. Potts TITLE Senior Staff Assisant DATE March 11, 1996

PERMIT NO 96-195 APPROVAL DATE MAR 18 1996 EXPIRATION DATE SEP 13 1996

APPROVED BY [Signature] TITLE Director DATE 3/19/96  
Oil & Gas. Conserv. Comm.

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