

BEST IMAGE AVAILABLE



99999999

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



OGCI Rev. 99999999

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE

1. TYPE OF WORK: DRILL DEEPEN RE-ENTER

2. TYPE OF WELL: OIL WELL GAS WELL OTHER

3. SINGLE ZONE MULTIPLE ZONE

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

5. LEASE DESIGNATION AND SERIAL NO: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Red Rocks

9. WELL NO: 1-20

10. FIELD AND POOL OR WILDCAT: Wildcat

11. QTR. QTR. SEC. T.R. AND MERIDIAN: NE SW Sec. 20-T15S-R42W 6th P.M.

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

14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Also to nearest drlg. line, if any: 1079.7'

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): 4025' GR

21. DRILLING CONTRACTOR: Kudu Drilling Company 316-264-6366

22. APPROX. DATE WORK WILL START: March 1, 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' 2nd stage 2900' to 500'

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 Surface Bond

*DESCRIBE LEASE BY QTR. QTR., SEC., TWSHP., RNG.
Entire SW/4 of Section 20 TWN 15S RGE 42W

Las Animas

25. PRINT Susan R. Potts
SIGNED Susan R. Potts TITLE Senior Staff Assistant DATE February 15, 1996

PERMIT NO 96-120 APPROVAL DATE FEB 26 1996 EXPIRATION DATE AUG 23 1996

APPROVED BY [Signature] TITLE Director DATE 2/26/96
Oil & Gas. Conserv. Comm.

CONDITIONS OF APPROVAL IF ANY:

A.P.I. NUMBER
IF WELL ACTUAL 050177513

IF PRODUCTION CASING IS SET, PROVIDE ANNULAR CEMENT COVERAGE ACROSS CHEYENNE & DAKOTA ZONES. IS A DRY HOLE PLUG AS FOLLOWS. PLUG SETTING DEPTHS PROVIDED ARE ESTIMATED FROM LOGS IN AREA. LOG TOPS SHOULD BE USED. 1) 40 SKS CMT 50' ABOVE ANY SIGNIFICANT MISSISSIPPIAN ZONE AND/OR DST ZONE 2) 40 SKS CMT ABOVE THE BLAINE @2300' UP 3) 40 SKS CMT @ TOP OF CHEYENNE @1850' UP 4) 40 SKS CMT @TOP OF DAKOTA @1500' UP 5) 40 SKS CMT 1/2 OUT 1/2 IN SURFACE CSG 6) 10 SKS CMT TOP OF SURFACE CSG, CMT AT BELOW GL, WELD PLATE 7) 5 SKS CMT IN RAT HOLE & MOUSE HOLE, FILL TO SURFACE WITH DIRT OR MUD



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