

EALUM GAS COM #1  
SEC 33H T32N R10W

CASING REPAIR PROCEDURE  
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1. CHECK LOCATION FOR ANCHORS. INSTALL IF NECESSARY.  
TEST ANCHORS.
2. MIRUSU & WL.
3. KILL WELL W/ 2% KCL, NDWH, NUBOP.
4. RIH W/ TUBING PLUG (NO APPARENT SEATING NIPPLE IN TUBING).
5. PRESSURE TEST TUBING TO 1000 PSI.
6. ROH W/ TUBING PLUG.
7. TIH AND TAG FILL, TOH W/ TUBING.
8. RIH W/ 7" RBP, SET AT 4300'.
9. PULL ONE STAND, PRESSURE TEST RBP TO 2000 PSI,  
LOAD BACKSIDE AND PRESSURE TEST TO 750 PSI TO CONFIRM  
LEAK.  
IF NO CASING LEAK, REPAIR WELLHEAD LEAK AND PROCEED TO STEP 15.  
IF LEAK(S) INDICATED, NOTIFY TY SMITH (X5164), CONTINUE TO  
STEP 10.
10. WORK UP HOLE AND LOCATE LEAK(S), ESTABLISH RATE WITH  
FRESH WATER, TOH.
11. RUN CBL/GR FROM 4300' TO SURFACE.  
IF LEAK IS AT TOP OF CEMENT, ATTEMPT TO ESTABLISH  
CIRCULATION TO SURFACE IN PREPARATION TO CIRCULATE  
CEMENT TO SURFACE. IF LEAK IN CEMENT, OR MORE THAN  
100' ABOVE TOC, OR IF CIRCULATION CANNOT BE ESTABLISHED  
TO SURFACE, THEN PREPARE FOR A SPOT SQUEEZE (100 SX).
12. SQUEEZE LEAK(S) W/ CEMENT.
13. WOC FOR 24 HOURS.
14. DRILL OUT CEMENT W/ BIT AND CASING SCRAPER.
15. PRESSURE TEST CASING TO 750 PSI, SWAB TEST SQUEEZE.  
IF TEST OK PROCEED TO STEP 16.  
IF TEST IS NEGATIVE, REPEAT STEPS 11 THROUGH 15.
16. TIH W/ WORK STRING AND WASH TO TOP OF RBP, RETRIEVE  
RBP, TOH.
17. IF FILL, TIH W/ WORK STRING AND CLEAN TO PBD, TOH.
18. TIH W/ 2 3/8" TUBING, S-NIPPLE, AND SAW TOOTH COLLAR  
SET AT 5291'. (IF TUBING FOUND TO LEAK IN STEP 5, REPLACE  
BAD JOINTS)
19. NDBOP, NUWH. KICK WELL AROUND W/ N2.
20. RDMOSU. RETURN WELL TO PRODUCTION.