

2. MIRU REVERSE UNIT. RIH W/3-7/8" OVERSHOT GRAPPLE W/4'-EXTENSION, JARS, 6 - 3-1/8" DC'S & ACCELERATOR SUB ON PROD TBG. REVERSE CIRC FILL TO TOP OF FISH (VANN GUN ASSEMBLY) @  $\pm 12747'$ . SEE DETAIL BELOW. CIRC OVER TOP TBG SUB COUPLING. CATCH FISH & POH. FISH CONSISTS OF (TOP TO BTM):

1. MECH TBG RLSE INTERNALS	1.00'
2. 2-3/8" X 10' TBG SUB	10.17'
3. 2-3/8" X 4' TBG SUB	4.22'
4. 2-3/8" X 4' TBG SUB	4.30'
5. 3-3/8" MECH FIRING HEAD	4.50'
6. 3-3/8" X 7' HOLLOW STEEL CSG GUN	7.00'
7. 3-3/8" GUN BULL PLUG	<u>0.72'</u>

TOTAL LENGTH 31.91'

3. RIH W/4-1/8" RB ON PROD TBG TO PBTD OF  $\pm 12806$  (SLM). CIRC HOLE CLN. POH.
4. MIRU APOLLO WL. PERF 4-WAY SQZ HOLE @  $\pm 12780$  VIA DRESSER ATLAS GR/CBL/CCL DATED 2-7-80 USING 3-3/8" OD, 12 GM, .38" EH CSG GUN. RIH W/5", 18# CMT RETAINER ON WL TO  $\pm 12755$  VIA DRESSER ATLAS GR/CBL/CCL DATED 2-7-80. SET RET.
5. RIH W/STINGER ON PROD TBG TO CMT RET @  $\pm 12755$ . STING INTO RET. MIRU HOWCO. EIR INTO SQZ PERFS @  $\pm 12780$ . DETERMINE IF COMMUNICATION TO ATOKA PERFS 12730-37 EXISTS. BASED ON OUTCOME OF TESTING SQZ AS NECESSARY. IT IS DESIRED TO PERFORM A CIRCULATION SQZ W/COMMUNICATION TO ATOKA PERFS @ 12730-37. IF SUCCESSFUL W/CIRC SQZ, STING OUT OF RET, SPOT EXCESS CMT TO ABOVE 12730, DISPLACE ADD'L CMT INTO PERFS IF POSSIBLE & REV. TBG CLEAN. HOLD PRESS ON SQZ UNTIL CMT IS ALLOWED TO SET. POH W/PROD TBG.
6. RIH W/4-1/8" RB, 6 - 3-1/8" DC'S ON PROD TBG. DO CMT, CMT RET @  $\pm 12755$  & ADD'L CMT. CO TO PBTD OF  $\pm 12806'$ . CIRC HOLE CLN. POH.
7. MIRU APOLLO WL. RUN GR/CBL/CCL FROM PBTD OF  $\pm 12806$  TO  $\pm 10823$  (TOL) TO CONFIRM CMT ADJACENT TO ATOKA COMPLETION ZONE. IF NECESSARY RERUN W/1500 PSI SURF PRESS FOR DETECTION OF MICROANNULUS. RD APOLLO.
8. MIRU VANN SYSTEMS. RIH W/VANN GUN SYSTEM & 5", 18# BAKER LOK-SET PKR W/ON-OFF TOOL (1.87" PROFILE) ON 2-3/8", 4.7#, L-80 & 2-7/8", 6.5#, L-80 PRODUCTION TBG PER ATTACHED DIAGRAM.
9. MIRU APOLLO. RUN GAMMA RAY LOG (1-11/16" SCINTILLATION TOOL) INSIDE OF TUBING & LOCATE R/A SUB. PULL STRIP OF GR LOG AS NECESSARY TO CORRELATE TO DRESSER ATLAS GR/CBL/CCL DATED 2-7-80. MAKE NECESSARY CORRECTION TO SET PKR & PERF ATOKA SET I 12731-12738' USING 3-3/8" OD, 32 GC, .56" EH VANN GUN (12.4" TTP), 4 SPF, TOTAL 29 HOLES, PER DRESSER ATLAS GR/CBL/CCL DATED 2-7-80. RERUN GAMMA RAY TOOL TO CONFIRM PROPER SETTING DEPTH HAS BEEN ACHIEVED. PKR TO BE SET W/1 PT TENSION TO ACHIEVE 18 PTS COMPRESSION PRIOR TO GUNS FIRING. RD APOLLO.
10. LOAD TBG W/2000' WTR CUSHION (7.7 BBLS) USING 2% KCL FSH WTR. ND BOP. NU WH. TEST TO 5000 PSI. TEST ANNULUS TO 2000 PSI. STAKE LINE TO PIT. LIGHT PILOT FLAME. DROP DETONATOR BAR & FIRE GUNS.