

5. FRAC PENROSE AS FOLLOWS:

STAGE	WHTP	SURFACE VOL TOT (GALS)	CO <sub>2</sub> VOL (BBLs)	CONCEN (PPG)	TOTAL (LBS)
1	4920	28251	422	0	0
2	4423	8587	87	1-4	19756
3	4559	29494	219	4-8	142859
4	4626	6618	42	8	40000
5		0	14	0	

6. FLUSH W/CO<sub>2</sub>. FLOW WELL BACK IMMEDIATELY TO PIT FOR 24 HOURS.

7. RU WL. RIH & SET BAKER 'FWG' PLUG IN 'F' NIPPLE. POOH. J-OFF ON-OFF TOOL. POOH W/WS.

8. RIH W/RBP, SET RBP AT 2800'. TEST CASING TO 3500 PSI. RELEASE RBP. RIH AND SET AT 3320'. POOH.

NOTE: 90% 5-1/2" CSG BURST PRESSURE = 3843 PSI.

9. RU HOWCO AS PER STEP 4. INSTALL WELLHEAD ISOLATION TOOL. RETEST LINES TO 3500 PSI.

10. FRAC SEVEN RIVERS DOWN CASING AS FOLLOWS:

STAGE	WHTP	SURFACE VOL TOT (GALS)	CO <sub>2</sub> VOL (BBLs)	CONCEN (PPG)	TOTAL (LBS)
1	1881	30765	444	0	0
2	1556	9121	91	1-4	19756
3	1366	31054	231	4-8	142859
4	1269	6931	43	8	40000
5		0	36	0	0

11. FLUSH WELL W/CO<sub>2</sub>. FLOW WELL BACK IMMEDIATELY TO PIT FOR 24 HRS.

12. RU WL. RIH AND TAG FILL. POOH.

13. STRIP IN HOLE W/OVERSHOT AND 'F' NIPPLE W/CHECK VALVE. RU AIR UNIT. CIRC SAND FILL UP ANNULUS AT HIGH RATE USING SUPERCHARGER ABC FOAM UNIT OR TRICONE BIT SERVICE HIGH VOLUME AIR CLEANOUT EQUIPMENT. LATCH RBP. POOH.

NOTE: A. IF NECESSARY, SLUG TBG W/5 BBLs 2% KCL + BACTERIACIDE + FOAMER TO KILL WELL.

B. DIVERT GAS TO PIT VIA ANNULAR VALVE. POOH W/STRIPPING RUBBER. CLOSE BLIND RAMS AFTER PULLING PKR ABOVE BOPS.

**RECEIVED**

W. HOBBS  
OFFICE