

11. Rig up acidizing services to acidize w/756 gals (18 bbls) 15% HCl acid inhibited for 24 hours @ 90°F as follows:

NOTE: Monitor pressure on backside during acidizing.

NOTE: Maximum surface treating pressure not to exceed attached pressure rate curve.

- A. Pump in 756 gals acid @ 8 BPM dropping 1 ea 7/8" RCN ballsealer (1.3 Sg) after each 1 bbl acid pumped. (Total: 18 ballsealers). Attempt ballout.
 - B. Flush w/18 bbls 9# brine w/1:1000 Adomall and Claymaster-3.
 - C. Shut well in for 1 hour minimum.
12. Release 5-1/2" treating packer @ +2560' and GIH knocking off ballsealers.
13. Circulate sand off 5-1/2" RBP @ +2790 and POOH-w/tubing, SN, packer, setting tool and RBP.
14. GIH w/SN, 2-3/8" tubing and blast joint at surface, set SN @ +2650'. (Blast joint dimensions - 3.062 OD - 1.995 ID).
15. Swab well down as low as possible and load tubing w/100% CO₂.
16. Fracture interval 2658-2734 w/gelled water, methanol and CO₂ down casing tubing annulus @ 18 BPM as follows:

NOTE: Anticipated Surface Treating Pressure @ 18 BPM Rate - 1444 psi.
Maximum Allowable Surface Treating Pressure - 3850 psi.

- A. Pump 7,000 gals frac fluid * pad.
- B. Pump 2,000 gals frac fluid * w/1.0 ppg 20/40 sand.
- C. Pump 4,000 gals frac fluid * w/1.5 ppg 20/40 sand.
- D. Pump 6,000 gals frac fluid * w/2.0 ppg 20/40 sand.
- E. Pump 8,000 gals frac fluid * w/2.5 ppg 20/40 sand.
- F. Pump 10,000 gals frac fluid * w/3.0 ppg 20/40 sand.
- G. Pump 5,000 gals frac fluid * w/3.0 ppg 10/20 sand.
- H. Flush w/+50 bbls (9.07 tons) CO₂.

NOTE: Sand Concentrations At Blender Will Be Twice The Amounts Shown Above.

RECEIVED
NOV 9 1983
C.C.D.
HOBBS OFFICE