

W. 2-1/16" Otis Type "S-2" Landing Nipple with  
2-1/16" Hydril "CS" Box Up-Pin Down.

Z. OD = 2.330"  
ID = 1.536"

X. 2-1/16" Otis Type "S-1" Landing Nipple with  
2-1/16" Hydril "CS" Box Up-Pin Down.

AA. OD = 2.330"  
ID = 1.751"

Y. 2-1/16" N-80 Hydril "CS" Perforated Sub - 10'  
Long.

#### DETAILS OF ITEM "A"

| EQUIPMENT                           | LENGTH    | ID     | OD     |
|-------------------------------------|-----------|--------|--------|
| Cameron hanger                      | 0.67'     | 2.441" | -      |
| 1 Joint 2-7/8" P-105 6.5# Tubing    | 30.28'    | 2.441" | 3.220" |
| 2-7/8" 6.5# P-105 D.P. Sub          | 0.43'     | 2.441" | 3.220" |
| 2-7/8" 6.5# P-105 Pup Joint         | 9.70'     | 2.441" | 3.220" |
| 2-7/8" 6.5# P-105 Pup Joint         | 9.83'     | 2.441" | 3.220" |
| 194 Joints 2-7/8" 6.5# P-105 Tubing | 5,960.06' | 2.441" | 3.220" |
| 2-7/8" Otis Flow Coupling           | 2.79'     | 2.375" | 3.220" |
| 2-7/8" Otis Type "S-4" Nipple       | 1.38'     | 2.313" | 3.220" |
| 195 Joints 2-7/8" 6.5# P-105 Tubing | 6,010.48' | 2.441" | 3.220" |
| 2-7/8" 6.5# P-105 Tubing            | 3.80'     | 2.441" | 3.220" |
| 2-7/8" Otis Type "S-3" Nipple       | 1.38'     | 2.313" | 3.220" |

#### DETAILS OF ITEM "B"

| EQUIPMENT                           | LENGTH    | ID     | OD     |
|-------------------------------------|-----------|--------|--------|
| Cameron Hanger                      | 0.67'     | 2.441" | 3.220" |
| 1 Joint 2-7/8" P-105 6.5# Tubing    | 30.50'    | 2.441" | 3.220" |
| 2-7/8" 6.5# P-105 D.P. Sub          | 0.43'     | 2.441" | 3.220" |
| 2-7/8" 6.5# P-105 Pup Joint         | 1.79'     | 2.441" | 3.220" |
| 2-7/8" 6.5# P-105 Pup Joint         | 7.77'     | 2.441" | 3.220" |
| 197 Joints 2-7/8" 6.5# P-105 Tubing | 5,961.13' | 2.441" | 3.220" |
| 2-7/8" Otis Flow Coupling           | 2.79'     | 2.375" | 3.200" |
| 2-7/8" Otis Type "S-1" Nipple       | 1.38'     | 2.313" | 3.220" |
| 195 Joints 6.5# P-105 2-7/8" Tubing | 6,005.72' | 2.441" | 3.220" |

#### DETAILS OF ITEM "L"

|                                |        |
|--------------------------------|--------|
| 2 - 3-3/16" Otis Blast Joints  | 29.58' |
| 3 - 3-11/16" Otis Blast Joints | 59.65' |

#### DETAILS OF ITEM "V"

2-1/16" Hydril "CS" Pup Joint w/2.330" OD Full Length

Long String Hung in Tension

Short String Slack 1.78'

Short String wt. on Dual Packer 8,000# - 10,000#

"D" Packers Installed without Flapper Valves

2,000# wt. Set on Model "D" Packer