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|--------------|-------------------------------------|--|--|
| Well name: | Wolfcamp Well Production | | |
| Operator: | Devcon Energy Corporation (Nevada) | | |
| String type: | Production | | |
| Location: | T23S, R31E, Eddy County, New Mexico | | |

Design parameters:**Collapse**

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 171 °F
Temperature gradient: 0.80 °F/100ft
Minimum section length: 850 ft

Burst:

Design factor 1.00

Burst

Max anticipated surface pressure: 5,922 psi
Internal gradient: 0.000 psi/ft
Calculated BHP: 5,922 psi

Annular backup: 9.50 ppg

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Packer fluid details:

Fluid density: 8.400 ppg
Packer depth: 11,500 ft

Tension is based on buoyed weight.
Neutral point: 10,481 ft

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft³) |
|---------|---------------------|-----------|-------------------------|-------|------------|----------------------|---------------------|---------------------|-------------------------|
| 2 | 10500 | 5.5 | 17.00 | L-80 | LT&C | 10500 | 10500 | 4.767 | 361.8 |
| 1 | 1500 | 5.5 | 20.00 | L-80 | LT&C | 12000 | 12000 | 4.653 | 60.7 |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---------|---------------------|-------------------------|------------------------|------------------|----------------------|---------------------|---------------------|-------------------------|-----------------------|
| 2 | 5182 | 6290 | 1.21 | 5922 | 7740 | 1.31 | 178 | 338 | 1.89 J |
| 1 | 5922 | 8830 | 1.49 | 5322 | 9190 | 1.73 | 0 | 416 | 99.99 J |

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Oklahoma City, Oklahoma

Remarks:

Collapse is based on a vertical depth of 12000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.