

Well name:	Turner "B" #127
Operator:	Devon Energy Corporation(Nevada)
String type:	Production
Location:	Grayburg-Jackson Field

Design parameters:**Collapse**

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? Yes
Surface temperature: 75 °F
Bottom hole temperature: 134 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 450 ft

Burst

Max anticipated surface pressure: 1,678 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,182 psi

No backup mud specified.

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.

Tension is based on buoyed weight.

Neutral point: 3,565 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)
1	4200	5.5	15.50	J-55	LT&C	4200	4200	4.825	131.7

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
1	2182	4040	1.85	2182	4810	2.20	55	217	3.93 J

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Remarks:

Collapse is based on a vertical depth of 4200 ft, a mud weight of 10 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.