Well name:	**Adobe Flat 18 "D"**
Operator:	**Devon Energy Production Company L.P.**
String type:	Surface
Location:	Secion 18, T21S, R26E

Design parameters:

Collapse
- Mud weight: 8.400 ppg
- Design is based on evacuated pipe.

Burst
- Max anticipated surface pressure: 260 psi
- Internal gradient: 0.000 psi/ft
- Calculated BHP 260 psi
- Annular backup: 8.40 ppg

Minimum design factors:

Collapse:
- Design factor 1.125

Burst:
- Design factor 1.00

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)

Tension is based on buoyed weight.
Neutral point: 439 ft

Environment:
- H2S considered? No
- Surface temperature: 75 °F
- Bottom hole temperature: 80 °F
- Temperature gradient: 1.00 °F/100ft
- Minimum section length: 500 ft
- Minimum Drift: 2.559 in

Non-directional string.

Re subsequent strings:
- Next setting depth: 2,200 ft
- Next mud weight: 8.400 ppg
- Next setting BHP: 960 psi
- Fracture mud wt: 10.000 ppg
- Fracture depth: 500 ft
- Injection pressure 260 psi

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 (ft^3)
1	500	13.375	48.00	H-40	ST&C	500	500	12.59	47

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	218	740	3.39	260	1730	6.66	21	322	15.30 J

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Remarks:
Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 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.