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

Design parameters:

Collapse

Mud weight: 6.300 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,535 psi
Internal gradient: 0.000 psi/ft
Calculated BHP 3,535 psi

Annular backup: 9.60 ppg

Packer fluid details:
Fluid density: 8.400 ppg
Packer depth: 10,600 ft

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: 9,829 ft

Environment:

H2S considered? No
Surface temperature: 80 °F
Bottom hole temperature: 172 °F
Temperature gradient: 0.85 °F/100ft
Minimum section length: 500 ft

Non-directional string.

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)
3	2500	5.5	17.00	L-80	LT&C	2500	2500	4.767	86.2
2	7000	5.5	15.50	J-55	LT&C	9500	9500	4.825	219.4
1	1300	5.5	17.00	L-80	LT&C	10800	10800	4.767	44.8

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
3	818	5669	6.93	3535	7740	2.19	157	338	2.16 J
2	3109	4021	1.29	3379	4810	1.42	114	217	1.90 J
1	3535	6290	1.78	2942	7740	2.63	6	338	60.50 J

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Date: May 1,2000
Oklahoma City, Oklahoma

Remarks:
Collapse is based on a vertical depth of 10800 ft, a mud weight of 6.3 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.