Well name:	Reeves West #1
Operator:	Devon Energy Production Company L.P.
String type:	Intermediate
Location:	Lea County, NM

Design parameters:

Collapse
- Mud weight: 10.500 ppg
- Design is based on evacuated pipe.

Burst
- Max anticipated surface pressure: 0 psi
- Internal gradient: 0.545 psi/ft
- Calculated BHP 2,058 psi

No backup mud specified.

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: 3,200 ft

Environment:

H2S considered?	No
Surface temperature:	85 °F
Bottom hole temperature:	115 °F
Temperature gradient:	0.80 °F/100ft
Minimum section length:	450 ft
Minimum Drift:	7.796 in

Directional Info - Build & Hold

Kick-off point	1950 ft
Departure at shoe:	291 ft
Maximum dogleg:	1.5 °/100ft
Inclination at shoe:	11.39 °

Re subsequent strings:

Next setting depth:	8,224 ft
Next mud weight:	9.600 ppg
Next setting BHP:	4,101 psi
Fracture mud wt:	13.800 ppg
Fracture depth:	3,774 ft
Injection pressure	2,705 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 (ft³)
1	3800	8.625	32.00	J-55	LT&C	3774	3800	7.875	241.4

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	2058	2530	1.23	2058	3930	1.91	102	417	4.09 J

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Date: May 17,2000
Oklahoma City, Oklahoma

Remarks:
Collapse is based on a vertical depth of 3774 ft, a mud weight of 10.5 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.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a