Well name:

Avalon 32-2

Operator:

Devon Energy Production Company L.P.

String type:

Surface

Location:

Section 32, T20S, R27E

Design parameters: Minimum design factors: **Environment:** H2S considered? Collapse Collapse: No 75 °F Mud weight: Design factor Surface temperature: 8.400 ppg 1.125 79 °F Bottom hole temperature: Design is based on evacuated pipe. Temperature gradient: 0.80 °F/100ft Minimum section length: 450 ft **Burst:** Design factor 1.00 **Burst** Max anticipated surface 234 psi pressure: 0.000 psi/ft Non-directional string. Internal gradient: Tension: 1.80 (J) Calculated BHP 234 psi 8 Round STC: 1.80 (J) 8 Round LTC: Annular backup: 8.40 ppg Buttress: 1.60 (J) 1.50 (J) Premium: 1.60 (B) Re subsequent strings: Body yield: Min. Overpull 25.0 kips Next setting depth: 1,700 ft Next mud weight: Tension is based on air weight. 8.600 ppg Neutral point: 395 ft Next setting BHP: 759 psi Fracture mud wt: 10.000 ppg Fracture depth: 450 ft Injection pressure 234 psi

Run	Segment		Nominal		End	True Vert	Measured	Drift	Est.
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Cost (\$)
1	450	13.375	48.00	H-40	ST&C	450	450	12.59	5581
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load (psi)	Strength (psi)	Design Factor	Load (psi)	Strength (psi)	Design Factor	Load (kips)	Strength (kips)	Design Factor
1	196	740	3.77	``234	1730	7.40	21.6	322	14.91 J

Prepared W.M. Frank by: Devon Energy

Phone: (405) 552-4595 FAX: (405) 552-7813 Date: September 7,2000 Oklahoma City, Oklahoma

Remarks:

Collapse is based on a vertical depth of 450 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.