Well name: **Strawberry 7-2**
Operator: **Devon SFS Operating, Inc.**
String type: Surface
Location: Eddy County, NM

Design parameters:

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

Burst
Max anticipated surface pressure: 327 psi
Internal gradient: 0.000 psi/ft
Calculated BHP 327 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: 1.60 (B)

Tension is based on air weight.
Neutral point: 395 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 79 °F
Temperature gradient: 0.80 °F/100ft
Minimum section length: 450 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 3,500 ft
Next mud weight: 9.800 ppg
Next setting BHP: 1,782 psi
Fracture mud wt: 14.000 ppg
Fracture depth: 450 ft
Injection pressure 327 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)	Est. Cost ($)
1	450	13.375	48.00	WC-50	ST&C	450	450	12.559	5197

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	196	740	3.77	327	1700	5.19	21.6	308	14.26 J

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Devon Energy

Date: April 16,2002
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.

Engineering responsibility for use of this design will be that of the purchaser.