

LONE STAR STEEL Company

2200 W. MOCKINGBIRD LANE P.O. BOX 35888
DALLAS, TEXAS 75235

TEL: (214) 352-3981 • TELEX: 73-0130 TWX: 910 - 861 - 4024

x: 73-0130 CASING DESIGN FOR Delta Drilling

7" 10 8 00/			DEPTH	WELL NAME LOCATION													
			10800/123	800/12300		4 miles East Loving, New Mexico											
MUD WEIGHT11.900_ #/GAL x .0519 =618psi/fr					MINIMUM DESIGN FACTORS			(1.125)	SE	BURST (1.0)			TENSION JOINT STRENGTH (1.8) OR BODY YIELD (1.5)				
CASING DESCRIPTION TOP TO BOTTOM					COLLAPSE 1				BURST 2		TENSION 3			PRICES			
ITEM NO.	FEET/ SECTION	LBS/ FOOT	GRADE & END FINISH	SETTING DEPTH	LOAD	STRENGTH	DESIGN FACTOR	LOAD	STRENGTH	DESIGN FACTOR	ACCUM. WEIGHT	STRENGTH	DESIGN FACTOR	DISCOUNT		IVERED	
	200	25.7	S95 SF JP	11000	6800	7685	-	7604	8600	1.131		473	11.14		\$/100 FT 1611.55	\$/SECTION 3223.10	
⊢ - 2	1300	28.7			7604	<u> </u>				<u> </u>		 					
٤	1300	20.7	S95 SF JP	12300	1004	9200	1.210	7604	9690	1.274	37336	551	14.76	1602.54	1741-99	22645.87	
															i	\$25868.97	
-					1								-				
	Design	Crite	ria based u	pon inf	ormatio	on supp	lied by	Mr. R	Lechwa	r with	Delta Dr	illing	Co.				
			DE	SIGN CON	DITIONS				<u>' </u>							L	
 TENSION EFFECT ON COLLAPSE CONSIDERED. BURST LOAD = WELLHEAD PRESSURE PLUS DEP 					TH x (Inside minus outside press, gradient)					DELIVERED PRICES ARE F.O.B.							
OUTSIDE PRESSURE GRADIENT(Zero for proc							n strings, 0	, 0.500 for BASED ON									
intermediate and surface strings)*										01 705) 2							
INSIDE PRESSURE GRADIENT (Zero)* WELLHEAD SHUT-IN PRESSURE (Bottom collapse pressure)*										PER QUOTATION NO. Q1 70543							
3. BUOYANCY NOT CONSIDERED*										FREIGHT COSTS ARE BASED ON THEORETICAL WEIGHTS. DELIVERED PRICES ARE							
*UNLESS OTHERWISE SPECIFIED										QUOTED F.O.B. MILL, SUBJECT TO APPLICABLE ALLOWANCE WITH FREIGHT AL. LOWED TO DESTINATION, AND ARE BASED ON PRESENT DAY PRICES AND TRANS.							
ARFI	ISED AS A	GUIDE TO	EL COMPANY MIN	IS CALCUL	ATION. C.	ASING PROC	GRAMS MA'	Y BE CALC	CULATED	PORTATION SHIPMENT	ON CHARGES					T AT TIME OF	
CANN	RENT FRO	DM LONE NSIDERED	STAR STEEL FA MORE THAN AN	TIONS WHICH SHOULD BE ENTERED ABOVE ANY CASE, THE STRING DESIGN SHOWN HERE GUIDEPOST. ENGINEERING RESPONSIBILITY FO				HEDEIN	B.J. Hodges Bow Idadaw 3/21/79					79			
	USE OF THIS DESIGN WILL BE THE RESPONSIBILITY OF THE PURCHASER.										LONE STAR STEEL COMPANY						