

LONG STRING

LENGTH

TUBING STRAP
DEPTH

E. R. West
12-16-64

RED HILLS UNIT #1 COMPLETION EQUIPMENT

EQUIPMENT		SHORT STRING		WELLEX		TUBING STRAP	
		LENGTH	DEPTH		DEPTH		DEPTH
1 Jt	R1g Floor To Tubing Spool Flange	24.00'	-7.11		0		
	Cameron Split Tubing Hanger	0.67'	16.89		24.00		
	2-7/8" 6.5# P-105 Hydril "CS" Tubing-Jt #833	30.50'	17.56		24.57		
	2-7/8" 6.5# P-105 Double Pin Hydril "CS" Sub	0.43'	48.06		55.17		
	2-7/8" 6.5# P-105 Hydril "CS" Pup Joint	1.79'	48.49		55.60		
197	2-7/8" 6.5# P-105 Hydril "CS" Pup Joint	7.77'	50.28		57.39		
	2-7/8" 6.5# P-105 Hydril "CS" Tubing-Jts #636 thru #832	5,961.13'	58.05		65.16		
	2-7/8" Otis Flow Coupling	2.79'	6,019.18		6,026.29		
195	2-7/8" Otis Type "S-1" Nipple	1.38'	6,021.97		6,029.08		
	2-7/8" 6.5# P-105 Hydril "CS" Tubing-Jts #439 thru #635, except for #451 and #453	6,005.72'	6,023.35		6,030.46		
	X-Over P-105 2-3/8" "CS" Pin by 2-7/8" "CS" Box	0.64'	12,029.07		12,036.18		
	2-3/8" Otis Type "XA" Shifting Sleeve - Shift Up to Open	2.49'	12,029.71		12,036.82		
	2-3/8" 4.7# P-105 Hydril "CS" Pup Joint	9.68'	12,032.20		12,039.21		
	2-3/8" 4.7# P-105 Hydril "CS" Pup Joint W/Special Clearance Pin	9.64'	12,041.38		12,043.99		
	Short String Packer Stinger (Sticking Above Packer)	0.49'	12,051.32		12,053.63		
	Brown Oil Tools HS-21-2-C Dual Hydraulic Packer - S. S. Set	5.51'	12,052.01		12,059.12		
	2-1/16" 3.25# P-105 Hydril "CS" Pup Joint - 2.330" OD Full Length	9.84'	12,057.32		12,064.73		
	2-1/16" Otis Type "S-2" Nipple	1.02'	12,067.36		12,074.47		
	2-1/16" 3.25# P-105 Hydril "CS" Pup Joint - 2.330" OD Full Length	9.84'	12,068.38		12,075.49		
	2-1/16" Otis Type "S-1" Nipple	1.03'	12,078.22		12,085.33		
	2-1/16" 3.25# N-80 Hydril "CS" Perforated Pup Joint	9.74'	12,079.25		12,086.36		
	2-1/16" Otis Type "N" No-Go Nipple	0.59'	12,088.99		12,096.10		
	2-1/16" 3.25# N-80 Hydril "CS" Pup Joint W/Half Muleshoe	14.99'	12,089.58		12,096.69		
			12,104.57		12,111.68		

RED HILLS UNIT #1

ADDITIONAL DATA

Long String

Hung in Tension

Short String Slack

1.78'

6-5/8" Model "D" @ 13,740' and 13,734' By Welex Collar Log.

7-5/8" Bot Dual Packer @ 12,052' By Welex Collar Log.

2-7/8" Otis Type "XA" Shifting Sleeve @ 13,731 on Long String

2-3/8" Otis Type "XA" Shifting Sleeve @ 12,030' on Short String

2-1/16" Tubing Strapped To 2-7/8" Tubing with Two Adjustable Steel Banding Clamps

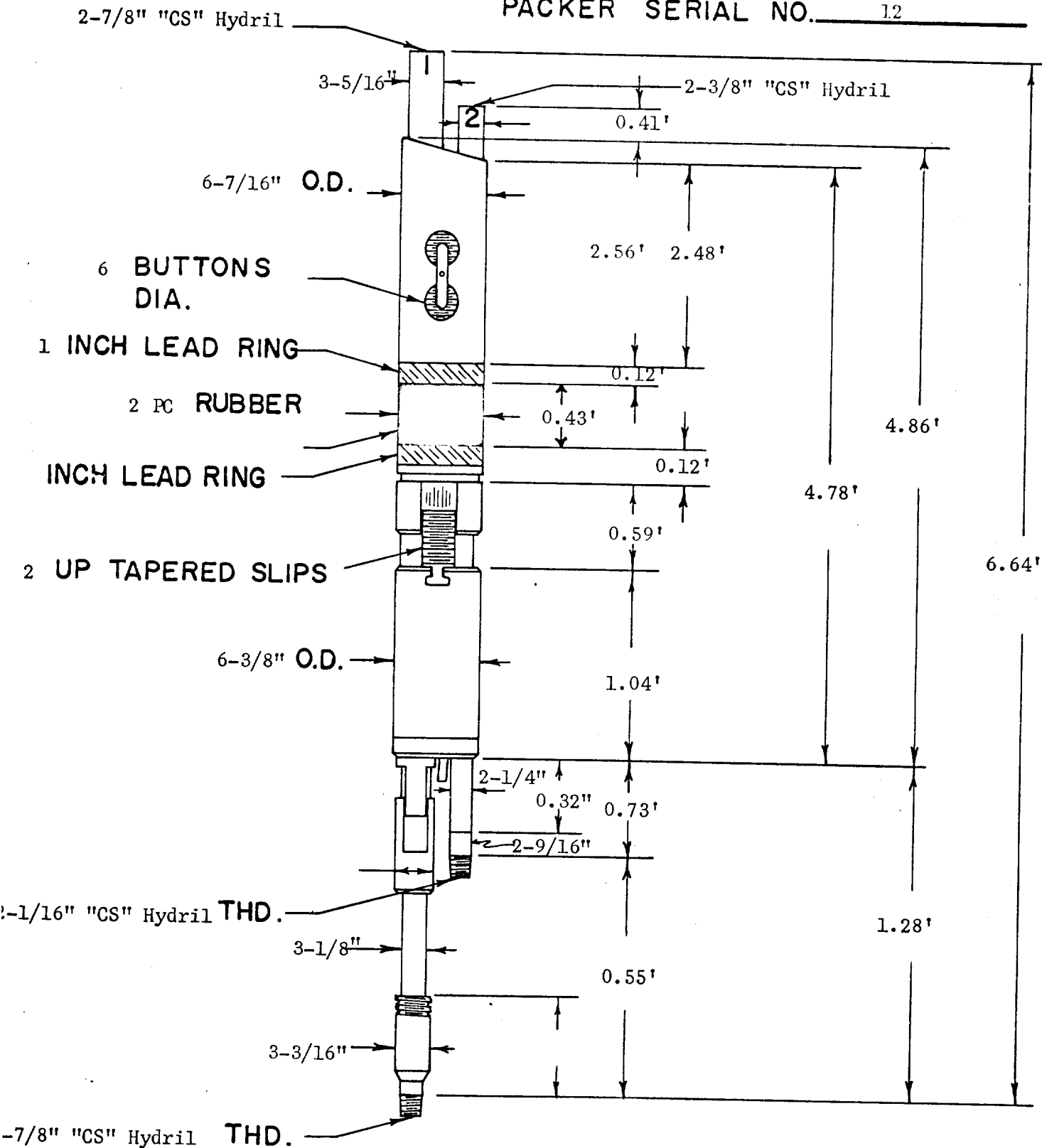
Weight Set on Model "D" Packers = 2000#

Approximate Weight set on Dual Packer by Short String = 8,000#-10,000#

Otis Pack off Assembly Set From 12,050 to 12,068 in Otis Type "S-3" and Type "X" Nipples to Seal Long String Chevron Packing Leak in BOT Dual Packer

2. " -
 NO. 1 STRING BORE: 2.347" Drift 3.375" O.D. 2-7/8" "CS" Hydril THD.
 NO. 2 STRING BORE: 1.700" -
1.685" Drift 2.265" O.D. 2-3/8" "CS Top By 2-1/16" "CS" THD.
 Bottom

PACKER SERIAL NO. 12



BROWN TYPE HS-2/-2C PACKER

SHORT STRING SET