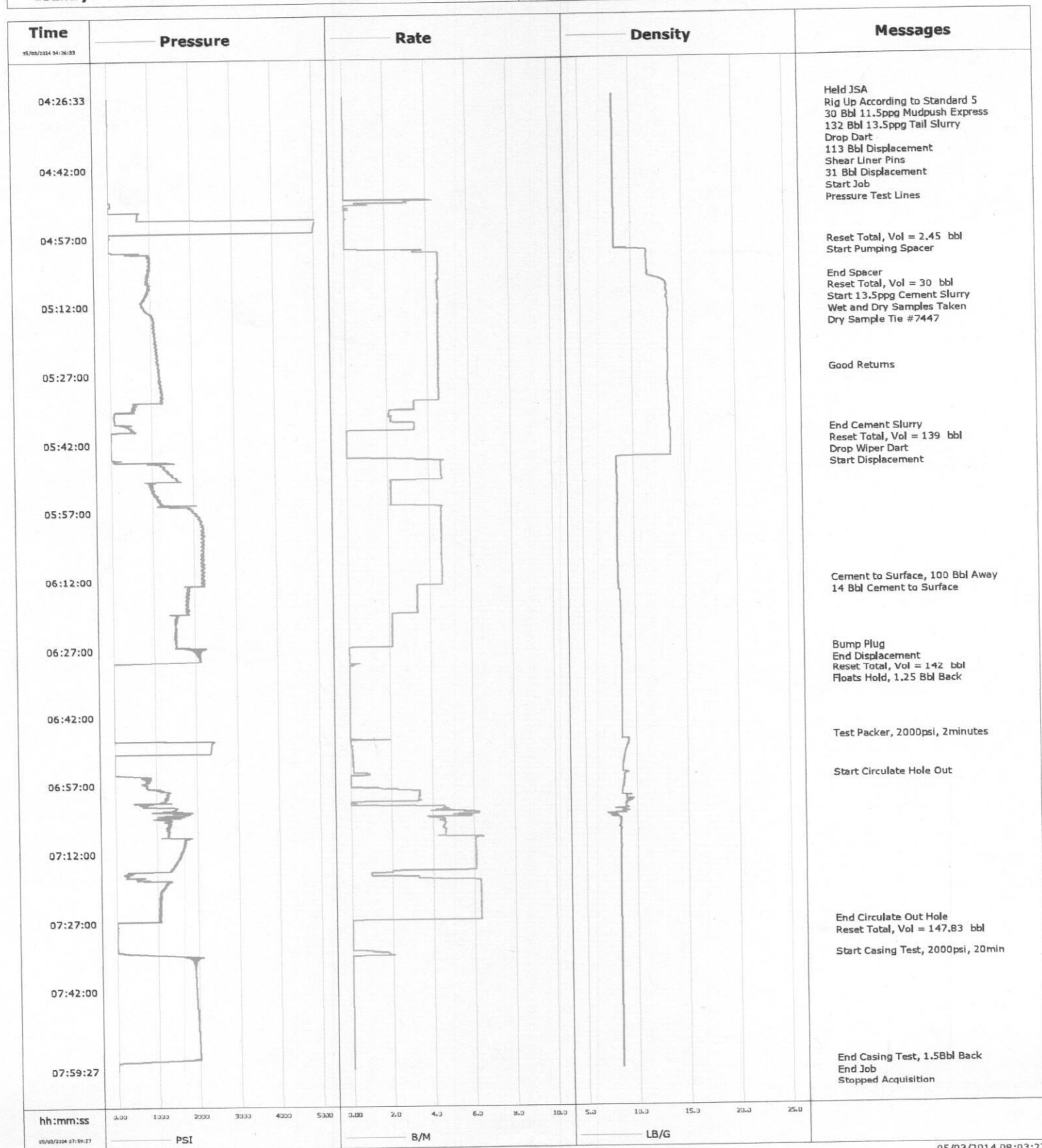


Well	Razor Federal 26J-3511A	Client	Whiting
Field		SIR No.	C3ZB-00550
Engineer	Jordan Moreland / Stacy Terry	Job Type	4 1/2 Liner
Country	United States	Job Date	05-02-2014



Cementing Service Report

				Customer Whiting				Job Number C32B-00550					
Well Razor Federal 26J-3511A				Location (legal) 2173				Schlumberger Location CWY				Job Start May/02/2014	
Field			Formation Name/Type			Deviation		Bit Size 6.0 in		Well MD 12200.0 ft		Well TVD 5586.0 ft	
County Weld			State/Province Colorado			BHP		BHST 200 degF		BHCT 200 degF		Pore Press. Gradient	
Well Master 0631506282			API/UWI										
Rig Name Xtreme 18		Drilled For Oil		Service Via Land		Casing/Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
						6024.0		7.000		26.0		P110	
						12190.0		4.500		11.6		P110	
Offshore Zone		Well Class New		Well Type Development									
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
						4859.0		4.000		14.0		X95	
						0.0		0.000		0.0			
Service Line Cementing		Job Type 4 1/2 Liner				Perforations/Open Hole							
						Top,		Bottom,				No. of Shots	
												Total Interval	
												Diameter	
						Treat Down Drill Pipe		Displacement 166.0 bbl		Packer Type		Packer Depth	
						Tubing Vol.		Casing Vol. 113.0 bbl		Annular Vol.		Openhole Vol.	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools				Squeeze Job			
Lift Pressure						Shoe Type Float				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12190.0 ft				Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth			
Cement Head Type Single						Stage Tool Depth				Tail Pipe Size			
Job Scheduled For May/02/2014 19:00		Arrived on Location May/02/2014 19:00		Leave Location May/03/2014 09:00		Collar Type Float				Tail Pipe Depth			
						Collar Depth 12146.0 ft				Sqz. Total Vol.			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message							
05/03/2014	03:46:57					Started Acquisition							
05/03/2014	04:26:33					Held JSA							
05/03/2014	04:26:33					Rig Up According to Standard 5							
05/03/2014	04:26:33	1	0.0	8.37	0.0								
05/03/2014	04:26:34					30 Bbl 11.5ppg Mudpush Express							
05/03/2014	04:26:34					132 Bbl 13.5ppg Tail Slurry							
05/03/2014	04:26:34					Drop Dart							
05/03/2014	04:26:34					113 Bbl Displacement							
05/03/2014	04:26:34					Shear Liner Pins							
05/03/2014	04:26:34					31 Bbl Displacement							
05/03/2014	04:26:34	1	0.0	8.37	0.0								
05/03/2014	04:26:39					Start Job							
05/03/2014	04:26:39	1	0.0	8.37	0.0								
05/03/2014	04:26:40					Pressure Test Lines							
05/03/2014	04:26:40	1	0.0	8.37	0.0								
05/03/2014	04:28:07	1	0.0	8.37	0.0								
05/03/2014	04:30:17	1	0.0	8.37	0.0								
05/03/2014	04:32:27	-1	0.0	8.37	0.0								
05/03/2014	04:34:37	-1	0.0	8.37	0.0								
05/03/2014	04:36:47	-2	0.0	8.37	0.0								
05/03/2014	04:38:57	-1	0.0	8.37	0.0								

Well			Field		Job Start		Customer		Job Number	
Razor Federal 26J-3511A					May/02/2014		Whiting		C3ZB-00550	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/03/2014	04:43:17	-1	0.0	8.37	0.0					
05/03/2014	04:45:27	-1	0.0	8.37	0.0					
05/03/2014	04:47:37	-9	0.0	8.37	0.0					
05/03/2014	04:49:47	59	0.5	8.36	2.0					
05/03/2014	04:51:57	708	0.0	8.36	2.4					
05/03/2014	04:54:07	5012	0.0	8.36	2.4					
05/03/2014	04:56:17	-1	0.0	8.36	2.4					
05/03/2014	04:58:27	-3	0.0	8.36	2.4					
05/03/2014	04:58:32					Reset Total, Vol = 2.45 bbl				
05/03/2014	04:58:32	-4	0.0	8.36	2.4					
05/03/2014	05:00:25					Start Pumping Spacer				
05/03/2014	05:00:25	403	3.3	11.47	1.4					
05/03/2014	05:00:37	797	3.8	11.52	2.1					
05/03/2014	05:02:47	977	4.6	11.53	11.9					
05/03/2014	05:04:57	928	4.6	11.57	21.8					
05/03/2014	05:06:14					End Spacer				
05/03/2014	05:06:14	911	4.6	11.68	27.7					
05/03/2014	05:06:17					Reset Total, Vol = 30 bbl				
05/03/2014	05:06:17	897	4.6	11.81	27.9					
05/03/2014	05:07:07	931	4.5	12.99	3.8					
05/03/2014	05:07:54					Start 13.5ppg Cement Slurry				
05/03/2014	05:07:54	978	4.5	13.38	7.3					
05/03/2014	05:09:17	914	4.6	13.39	13.6					
05/03/2014	05:11:25					Wet and Dry Samples Taken				
05/03/2014	05:11:25	779	4.6	13.44	23.3					
05/03/2014	05:11:27	777	4.6	13.44	23.5					
05/03/2014	05:11:46					Dry Sample Tie #7447				
05/03/2014	05:11:46	772	4.6	13.46	24.9					
05/03/2014	05:13:37	1003	4.5	13.56	33.3					
05/03/2014	05:15:47	1070	4.5	13.52	43.2					
05/03/2014	05:17:57	1096	4.5	13.51	53.0					
05/03/2014	05:20:07	1110	4.5	13.50	62.8					
05/03/2014	05:22:17	1128	4.5	13.48	72.6					
05/03/2014	05:24:27	1174	4.5	13.50	82.5					
05/03/2014	05:26:27					Good Returns				
05/03/2014	05:26:27	1195	4.5	13.49	91.5					
05/03/2014	05:26:37	1206	4.5	13.49	92.3					
05/03/2014	05:28:47	1233	4.5	13.47	102.1					
05/03/2014	05:30:57	1248	4.5	13.48	111.9					
05/03/2014	05:33:07	613	3.3	13.49	121.5					
05/03/2014	05:35:17	92	2.1	13.57	128.2					
05/03/2014	05:37:27	103	2.2	13.58	132.9					
05/03/2014	05:39:27					End Cement Slurry				
05/03/2014	05:39:27	1	0.0	13.67	139.0					
05/03/2014	05:39:30					Reset Total, Vol = 139 bbl				
05/03/2014	05:39:30	1	0.0	13.67	139.0					
05/03/2014	05:39:36					Drop Wiper Dart				
05/03/2014	05:39:36	1	0.0	13.67	0.0					
05/03/2014	05:39:37	1	0.0	13.67	0.0					
05/03/2014	05:40:06					Start Displacement				
05/03/2014	05:40:06	1	0.0	13.67	0.0					
05/03/2014	05:41:47	-5	0.0	13.67	0.0					
05/03/2014	05:43:57	5	0.0	13.67	0.0					
05/03/2014	05:46:07	1545	4.6	8.36	2.4					

Well			Field		Job Start		Customer		Job Number	
Razor Federal 26J-3511A					May/02/2014		Whiting		C3ZB-00550	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/03/2014	05:50:27	899	2.1	8.37	22.1					
05/03/2014	05:52:37	1031	2.1	8.37	26.7					
05/03/2014	05:54:47	1168	2.1	8.39	31.3					
05/03/2014	05:56:57	1974	4.6	8.37	38.6					
05/03/2014	05:59:07	2184	4.6	8.37	48.5					
05/03/2014	06:01:17	2228	4.6	8.37	58.4					
05/03/2014	06:03:27	2211	4.6	8.37	68.3					
05/03/2014	06:05:37	2235	4.6	8.37	78.3					
05/03/2014	06:07:47	2183	4.6	8.37	88.2					
05/03/2014	06:09:57	2202	4.6	8.36	98.1					
05/03/2014	06:12:07	2228	4.6	8.37	108.1					
05/03/2014	06:12:35					Cement to Surface, 100 Bbl Away				
05/03/2014	06:12:35	2235	4.6	8.37	110.2					
05/03/2014	06:14:17	1829	3.4	8.39	116.8					
05/03/2014	06:14:35					14 Bbl Cement to Surface				
05/03/2014	06:14:35	1799	3.4	8.39	117.8					
05/03/2014	06:16:27	1793	3.4	8.57	124.1					
05/03/2014	06:18:37	1793	3.4	8.58	131.4					
05/03/2014	06:20:47	1505	2.1	8.58	137.1					
05/03/2014	06:22:57	1524	2.1	8.58	141.7					
05/03/2014	06:25:07	1530	2.1	8.59	146.3					
05/03/2014	06:27:17	2119	0.0	8.63	149.7					
05/03/2014	06:27:22					Bump Plug				
05/03/2014	06:27:22	2091	0.0	8.63	149.7					
05/03/2014	06:27:26					End Displacement				
05/03/2014	06:27:26	2078	0.0	8.63	149.7					
05/03/2014	06:27:29					Reset Total, Vol = 142 bbl				
05/03/2014	06:27:29	2069	0.0	8.63	149.7					
05/03/2014	06:29:27	2109	0.0	8.63	0.0					
05/03/2014	06:31:16					Floats Hold, 1.25 Bbl Back				
05/03/2014	06:31:16	-4	0.0	8.65	0.2					
05/03/2014	06:31:37	-3	0.0	8.65	0.2					
05/03/2014	06:33:47	-10	0.0	8.65	0.2					
05/03/2014	06:35:57	-5	0.0	8.64	0.2					
05/03/2014	06:38:07	-5	0.0	8.64	0.2					
05/03/2014	06:40:17	-4	0.0	8.64	0.2					
05/03/2014	06:42:27	-5	0.0	8.64	0.2					
05/03/2014	06:44:37	-4	0.0	8.64	0.3					
05/03/2014	06:46:47	-6	0.0	8.64	0.3					
05/03/2014	06:46:55					Test Packer, 2000psi, 2minutes				
05/03/2014	06:46:55	-5	0.0	8.64	0.3					
05/03/2014	06:48:57	2351	0.1	9.07	0.5					
05/03/2014	06:51:07	-5	0.1	8.80	0.8					
05/03/2014	06:53:17	-3	0.1	8.65	1.1					
05/03/2014	06:55:26					Start Circulate Hole Out				
05/03/2014	06:55:26	851	0.0	8.79	1.7					
05/03/2014	06:55:27	819	0.0	8.79	1.7					
05/03/2014	06:57:37	791	0.0	8.70	1.7					
05/03/2014	06:59:47	1251	3.4	8.62	7.1					
05/03/2014	07:01:57	1425	3.2	8.95	11.4					
05/03/2014	07:04:07	1544	5.7	7.55	22.5					
05/03/2014	07:06:17	1267	4.6	8.38	32.4					
05/03/2014	07:08:27	1262	4.6	8.36	42.4					
05/03/2014	07:10:37	1633	6.1	8.36	55.2					

Well		Field		Job Start		Customer		Job Number	
Razor Federal 26J-3511A				May/02/2014		Whiting		C32B-00550	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
05/03/2014	07:14:57	1386	6.1	8.35	81.5				
05/03/2014	07:17:07	278	1.0	8.36	89.5				
05/03/2014	07:19:17	1170	6.3	8.36	100.1				
05/03/2014	07:21:27	1079	6.3	8.35	113.8				
05/03/2014	07:23:37	1059	6.3	8.36	127.4				
05/03/2014	07:25:47	1071	6.3	8.36	141.1				
05/03/2014	07:27:25					End Circulate Out Hole			
05/03/2014	07:27:25	4	0.0	8.36	147.8				
05/03/2014	07:27:26					Reset Total, Vol = 147.83 bbl			
05/03/2014	07:27:26	4	0.0	8.36	147.8				
05/03/2014	07:27:57	27	0.0	8.36	0.0				
05/03/2014	07:30:07	11	0.0	8.36	0.0				
05/03/2014	07:32:17	10	0.0	8.36	0.0				
05/03/2014	07:34:27	1745	1.9	8.36	1.4				
05/03/2014	07:34:40					Start Casing Test, 2000psi, 20min			
05/03/2014	07:34:40	1862	0.1	8.36	1.7				
05/03/2014	07:36:37	1896	0.0	8.36	1.7				
05/03/2014	07:38:47	1916	0.0	8.36	1.7				
05/03/2014	07:40:57	1927	0.0	8.36	1.7				
05/03/2014	07:43:07	1938	0.0	8.36	1.7				
05/03/2014	07:45:17	1949	0.0	8.36	1.7				
05/03/2014	07:47:27	1960	0.0	8.36	1.7				
05/03/2014	07:49:37	1971	0.0	8.36	1.7				
05/03/2014	07:51:47	1981	0.0	8.36	1.7				
05/03/2014	07:53:57	1992	0.0	8.36	1.7				
05/03/2014	07:56:07	2000	0.0	8.36	1.7				
05/03/2014	07:58:05					End Casing Test, 1.5Bbl Back			
05/03/2014	07:58:05	-4	0.0	8.36	1.7				
05/03/2014	07:58:17	-6	0.0	8.36	1.7				
05/03/2014	07:59:17					End Job			
05/03/2014	07:59:17	-6	0.0	8.36	1.7				

Post Job Summary

Average Pump Rates,				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
				139.0		30.0	
Treating Pressure Summary,				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to 2200	Breakdown	Type	Volume	Density
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
	132.5 bbl		142.0 bbl	65 degF	<input checked="" type="checkbox"/>	14.0 bbl	
Customer or Authorized Representative				Schlumberger Supervisor		Circulation Lost	
John Hicks				Jordan Moreland / Stacy Terry		<input type="checkbox"/> To <input type="checkbox"/> Job Completed <input checked="" type="checkbox"/>	

**Baker Oil Tools
Liner Hanger Products
Casper, Wyoming USA**

Baker Oil Tools

OPERATOR Whiting Petroleum	COMPANY REP Kyle/Lewis		SIZE	WEIGHT	GRADE	THREAD	DEPTH
FIELD Wattenberg	WELL NO. Razor 26J-3511A	CASING	7"	29#	L80	LTC	6024'
	LEASE Wildcat		SIZE	WEIGHT	GRADE	THREAD	LENGTH
WFO NAME Xtreme 18	SUBS. SURF. TOOTH # 6325903	LINER #1	4-1/2"	11.6#	L80	LTC	7,331
MD (ft.) 12,200.0							
FLUID TYPE water base	FLUID WEIGHT (PPG) 10.1		SIZE	WEIGHT	GRADE	THREAD	LENGTH
DATE SUBMITTED 3-May-14		TIEBACK #1					
PREPARED BY Kolten Jelden		TIEBACK #2					
		TIEBACK #3					

Tool Number	Material Number	Description	Depth (ft.)	Length (ft.)	OD (in.)	ID (in.)
1	H29629NA02	Tie Back Extension	4859.01	11.44	5.75	5.25
1	H29629NA02	ZXP Liner Top Packer	4,870.45	9.35	5.875	4.312
2	H292230092	HMC Liner Hanger	4,879.80	6.65	5.906	4.187
2	10312150	Combo Collar	4,886.45	1.28	5.625	4.000
2	H299920030	Casing Pup Joint	4,887.73	5.28	4.500	4.031
3	Customer	165 Joints 4-1/2" 11.6# L80 LTC Casing	4,893.01	7,248.14	4.500	4.000
4	H266550077	Type II Landing Collar	12,141.15	1.58	5.000	4.000
5	H101880030	Single Valve Float Collar	12,142.73	0.98	5.062	4.125
6	Customer	1 Joint 4-1/2" 11.6# L80 LTC Casing	12,143.71	43.76	4.500	4.000
7	H100950059	Double Valve Float Shoe	12,187.47	2.53	5.062	4.125
		End of Assembly	12,190.00			
		TD IS 12200 'SET HANGER WITH SHOE 10' OFF BOTTOM AT 12190'				
		HAVE CENT.SPAC. OUT ON EVERY OTHER JT.				

DQRM-S001F1

Revision: C

31-Mar-2009