

Anadrill Schlumberger Survey Report 1/9/97 5:30:07 PM

Magnetic Declination: 9.18 DEG

Tie In Point (TIP):

Measured Depth

True Vertical Depth

Inclination

Azimuth

N/S Displacement(-ve for S)

E/W Displacement(-ve for W)

Azim. From Rotary Table To Target

5845	FT.
5842.69	FT.
2.63	DEG
136.24	DEG
-93.18	FT.
81.3	FT.
0	DEG

Accepted Survey Listing:

M.Dpth Int. (ft)	V.Dpth (ft)	Target (ft)	Incl. (deg)	Azim (deg)	N.Disp (ft)	E.Disp (ft)	T.Disp (ft)	Clr.A. (deg)	DLS (D/HF)	
5868	23	5865.67	-93.92	2.5	135.74	-93.92	82.02	124.69	138.87	0.57
5900	32	5897.63	-94.99	2.9	135.04	-94.99	83.08	126.2	138.83	1.25
5928	28	5925.59	-96.11	3.5	136.44	-96.11	84.17	127.76	138.79	2.16
5960	32	5957.52	-97.7	4	142.07	-97.7	85.53	129.85	138.8	1.94
5990	30	5987.44	-99.47	4.4	145.59	-99.47	86.82	132.04	138.88	1.59
6019	29	6016.34	-101.49	5.1	149.1	-101.49	88.11	134.4	139.04	2.61
6050	31	6047.18	-104.28	6.4	158.94	-104.28	89.44	137.38	139.38	5.25
6080	30	6076.99	-107.45	6.4	164.57	-107.45	90.49	140.48	139.9	2.09
6111	31	6107.88	-109.97	3.2	172.3	-109.97	91.07	142.78	140.37	10.51
6142	31	6138.85	-111.26	1.6	179.34	-111.26	91.19	143.86	140.66	5.24
6201	59	6197.84	-111.94	1.1	284.8	-111.94	90.65	144.04	141	3.68
6263	62	6259.81	-111.14	2.5	298.87	-111.14	88.89	142.31	141.35	2.35
6325	62	6321.66	-108.63	5.4	309.41	-108.63	85.45	138.21	141.81	4.8
6386	61	6382.31	-104.01	6.89	319.92	-104.01	80.88	131.75	142.13	3.05
6448	62	6443.76	-97.43	8.4	325.58	-97.43	75.93	123.52	142.07	2.72
6509	61	6504.1	-89.78	8.5	331.91	-89.78	71.29	114.64	141.55	1.53
6503	94	6597.09	-77.59	8.3	333.32	-77.59	64.97	101.2	140.06	0.31
6696	93	6689.13	-65.78	8.2	331.21	-65.78	58.76	88.2	138.23	0.34
6789	93	6781.22	-54.35	7.86	332.01	-54.35	52.58	75.62	135.95	0.38
6885	96	6876.36	-43.14	7.5	329.8	-43.14	46.35	63.32	132.95	0.48
6976	91	6966.62	-33.15	7.1	329.8	-33.15	40.53	52.36	129.27	0.44
7071	95	7060.9	-23.07	7	329.8	-23.07	34.66	41.64	123.65	0.11
7164	93	7153.22	-13.21	6.9	332.62	-13.21	29.24	32.09	114.31	0.38
7257	93	7245.53	-3.23	7.05	331.57	-3.23	23.95	24.17	97.68	0.21
7352	95	7339.9	6.41	6.1	333.32	6.41	18.91	19.96	71.28	1.02
7445	93	7432.38	15.32	6	337.5	15.32	14.83	21.32	44.08	0.49
7538	93	7524.91	24.21	5.6	345.97	24.21	11.87	26.97	26.12	1.01
7629	91	7615.54	32.28	4.8	350.9	32.28	10.19	33.85	17.52	1.01
7660	31	7646.44	34.76	4.5	351.6	34.76	9.81	36.12	15.75	0.98
7723	63	7709.25	39.68	4.5	358.63	39.68	9.39	40.77	13.31	0.87
7818	95	7804.08	45.06	2.5	37.3	45.06	10.56	46.28	13.19	3.15
7910	92	7896.04	44.25	3	177.93	44.25	11.86	45.81	15.01	5.63
8015	105	8000.9	38.76	3	177.9	38.76	12.06	40.59	17.28	0

