

DI DRIL
SURVEY REPORT

Problem: D32S Date: 06/10/1998 Time: 11:34 Page: 1
 Description: ENERFIN RESOURCES
 Location: OREGON
 Well Number: D-32-27-65

Surface Location		LAMBERT X		Location		ONSHORE	
Slot							
N+/-S	0.0 ft	LAMBERT Y	0.0 ft	RKB Wellhead		RKB MGL	0.0 ft
E+/-W	0.0 ft	FNL	0.0 ft	RKB MSL		Water Depth	0.0 ft
Latitude	0.000000 deg N	FEL	0.0 ft	RKB Mudline			0.0 ft
Longitude	0.000000 deg E						

SURVEY (REFERENCED TO WELLHEAD COORDINATES)

PLANNED AZIMUTH		N48.46W											
MD	INCL	DIREC	TVD	VERT SECT	CLOS DIST	CLOS DIREC	+N / -S	+E / -W	DLS	BUILD	WALK		
ft	deg	quad	ft	ft	ft	quad	ft	ft	d/100ft	d/100ft	d/100ft		
493.0	0.00	N 0.00E	493.0	0.0	0.0	N 0.00E	0.0	0.0	0.00	0.00	0.00		
564.0	2.25	N45.00E	564.0	-0.1	1.4	N45.00E	1.0	1.0	3.17	3.17	0.00		
625.0	2.50	N 6.00W	624.9	0.8	3.6	N28.22E	3.2	1.7	3.37	0.41	-83.61		
686.0	3.50	N26.00W	685.9	3.5	6.2	N 6.84E	6.2	0.7	2.35	1.64	-32.79		
748.0	4.25	N41.00W	747.7	7.6	9.7	N 9.47W	9.6	-1.6	2.02	1.21	-24.19		
842.0	6.00	N50.00W	841.3	15.9	17.2	N26.45W	15.4	-7.6	2.04	1.86	-9.57		
935.0	9.25	N52.00W	933.5	28.2	28.8	N36.77W	23.1	-17.3	3.51	3.49	-2.15		
1028.0	13.75	N56.00W	1024.6	46.7	46.8	N43.65W	33.9	-32.3	4.91	4.84	-4.30		
1153.0	21.00	N56.00W	1143.8	83.6	83.7	N49.12W	54.8	-63.3	5.80	5.80	0.00		
1278.0	24.50	N43.00W	1259.2	131.7	131.7	N49.09W	86.3	-99.5	4.89	2.80	10.40		
1403.0	28.00	N40.00W	1371.3	186.5	186.6	N46.82W	127.7	-136.1	2.99	2.80	2.40		
1528.0	32.75	N40.00W	1479.1	249.0	249.5	N45.09W	176.1	-176.7	3.80	3.80	0.00		
2030.0	46.50	N38.00W	1864.8	563.9	568.0	N41.59W	424.8	-377.0	2.75	2.74	0.40		
2093.0	47.50	N38.00W	1907.8	609.2	614.0	N41.32W	461.1	-405.4	1.59	1.59	0.00		

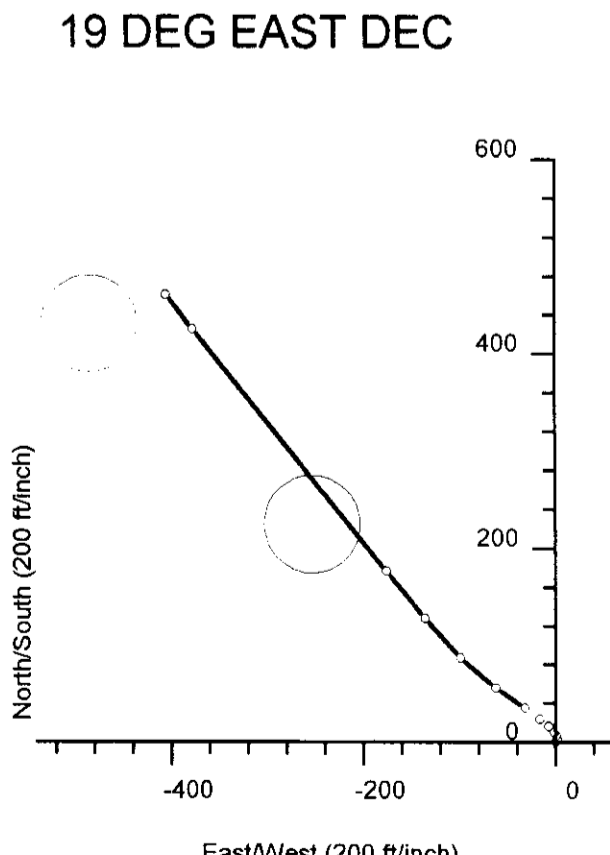
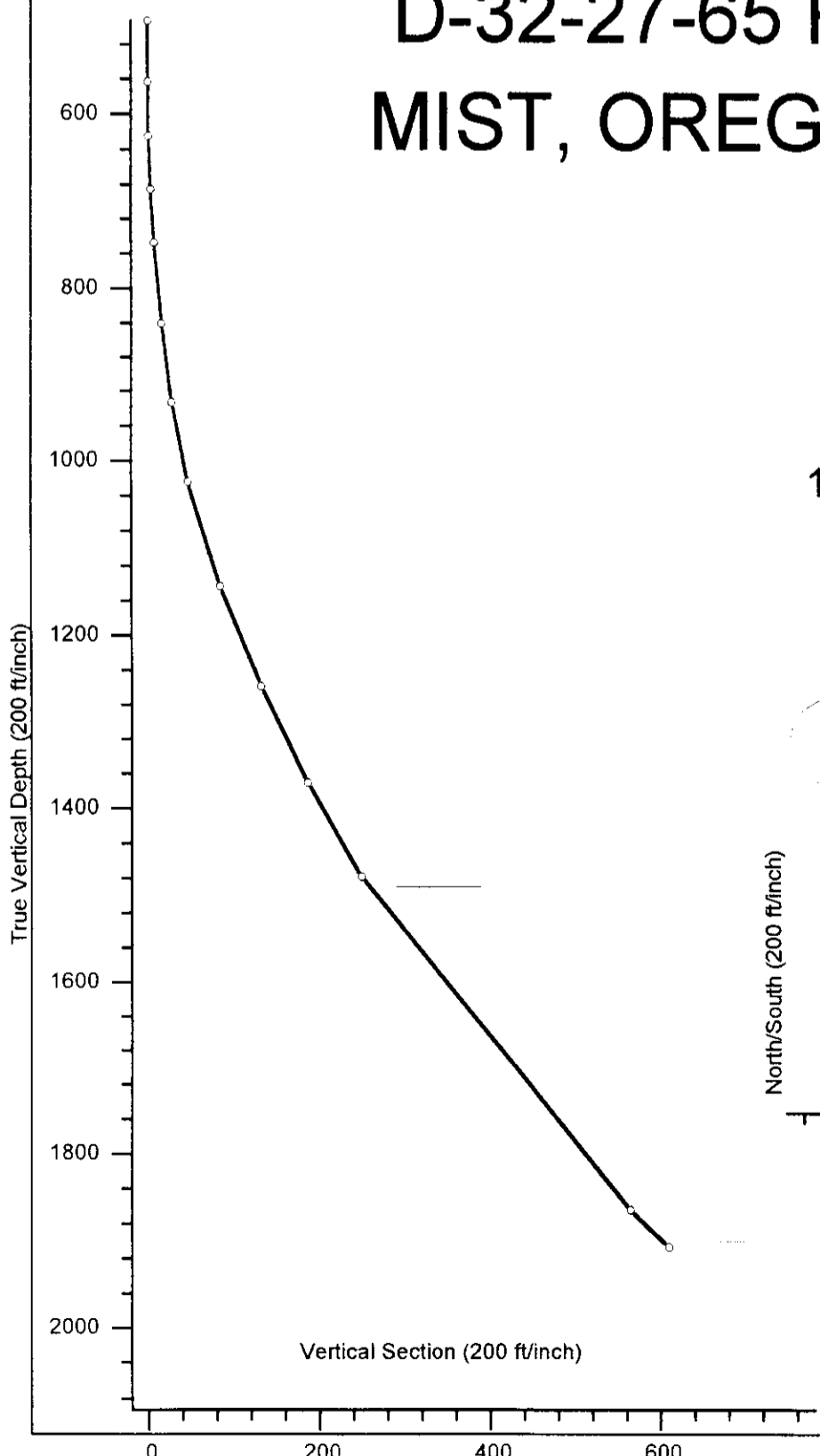


LI DRIL INC



Drawn: 06/10/98 by WES

ENERFIN
D-32-27-65 RD
MIST, OREGON



BHL @ 1908' TVD
Closure 614' @ N41.39W
461' N & -406' W