

SCIENTIFIC DRILLING INTERNATIONAL

Customer : BURLINGTON RESOURCES
Well Name : MERPHAN 16 STATE #1
Field : EDDY COUNTY, NM
Site :
SHL :
Plan BHL :

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Date 6 DECEMBER 1998
Filename : MERPHAN1

Height Of WELLSITE Datum Above Field Datum 0.00 ft No Interpolation

MD ft	INC deg	DIR deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	D'LEG °/100
0.0	0.00	N 0.00°E	0.00	0.00	0.00	0.00	0.0
100.0	0.01	S62.67°E	100.00	-0.00	0.01	0.00	0.0
200.0	0.14	N60.90°E	200.00	0.05	0.12	-0.13	0.1
300.0	0.01	N 7.06°W	300.00	0.12	0.23	-0.25	0.1
400.0	0.39	N61.25°W	400.00	0.29	-0.07	0.00	0.4
500.0	0.66	N60.53°W	499.99	0.74	-0.87	0.59	0.3
600.0	0.70	N69.65°W	599.99	1.23	-1.95	1.45	0.1
700.0	0.91	N62.58°W	699.98	1.81	-3.22	2.47	0.2
800.0	1.01	N42.12°W	799.96	2.83	-4.52	3.37	0.4
900.0	1.31	N46.10°W	899.94	4.28	-5.93	4.24	0.3
1000.0	1.71	N49.54°W	999.91	6.04	-7.89	5.53	0.4
1100.0	2.02	N50.74°W	1099.86	8.12	-10.39	7.23	0.3
1200.0	2.01	N48.67°W	1199.79	10.40	-13.07	9.04	0.1
1300.0	2.09	N43.39°W	1299.73	12.88	-15.64	10.67	0.2
1400.0	2.01	N34.53°W	1399.67	15.65	-17.89	11.91	0.3
1500.0	1.79	N26.16°W	1499.61	18.50	-19.57	12.59	0.4
1600.0	1.38	N23.10°W	1599.57	21.01	-20.73	12.88	0.4
1700.0	0.90	N26.58°W	1699.55	22.82	-21.56	13.08	0.5
1800.0	0.77	N51.25°W	1799.54	23.94	-22.43	13.55	0.4
1900.0	0.58	N73.61°W	1899.54	24.50	-23.44	14.32	0.3
2000.0	1.00	S63.90°W	1999.53	24.26	-24.71	15.60	0.7
2100.0	1.29	S44.27°W	2099.51	23.07	-26.28	17.47	0.5
2200.0	1.45	S42.86°W	2199.48	21.34	-27.93	19.59	0.2
2300.0	1.31	S42.35°W	2299.45	19.57	-29.56	21.70	0.1
2400.0	1.22	S46.05°W	2399.43	17.98	-31.10	23.67	0.1
2500.0	0.82	S29.73°W	2499.41	16.62	-32.22	25.17	0.5
2600.0	0.62	S15.69°W	2599.40	15.48	-32.72	26.01	0.3
2700.0	0.57	S12.70°W	2699.40	14.47	-32.97	26.57	0.1
2800.0	0.17	S43.48°W	2799.39	13.88	-33.18	26.96	0.4
2900.0	0.15	S62.22°E	2899.39	13.71	-33.17	27.00	0.3
3000.0	0.33	S51.65°E	2999.39	13.47	-32.83	26.76	0.2
3100.0	0.43	S67.75°E	3099.39	13.15	-32.26	26.32	0.1
3200.0	0.37	S56.11°E	3199.39	12.83	-31.64	25.84	0.1
3300.0	0.43	S52.42°E	3299.39	12.42	-31.08	25.44	0.1
3400.0	1.29	S57.51°E	3399.37	11.59	-29.83	24.52	0.9
3500.0	1.55	S53.00°E	3499.34	10.17	-27.80	23.06	0.3
3600.0	1.76	S49.51°E	3599.30	8.36	-25.55	21.51	0.2
3700.0	2.20	S47.81°E	3699.24	6.07	-22.96	19.79	0.4
3800.0	2.78	S45.53°E	3799.15	3.08	-19.81	17.77	0.6
3900.0	3.30	S30.25°E	3899.01	-1.10	-16.63	16.10	1.0