

SCIENTIFIC DRILLING INTERNATIONAL

Client : PHILLIPS PETROLEUM COMPANY
Well Name : PHILLIPS/JAMES E FEDERAL #8
Location : EDDY COUNTY, NEW MEXICO

Page 2 of 3
Date 10/11/93
Filename : JAMESEF8

SHL :

BHL :

ACTUAL BHL :

No Interpolation

Height Of WELLSITE Datum Above Field Datum 0.00 ft

MD ft	INC deg	DIR deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	D'LEG °/100
3884.0	2.05	S59.76°E	3882.44	-40.68	53.34	62.72	2.2
3946.0	4.92	S56.64°E	3944.32	-42.70	56.52	66.35	4.6
4008.0	7.80	S59.06°E	4005.93	-46.33	62.35	72.97	4.7
4070.0	10.61	S57.67°E	4067.13	-51.54	70.78	82.54	4.5
4132.0	13.43	S57.86°E	4127.76	-58.43	81.71	94.97	4.5
4194.0	16.19	S61.20°E	4187.70	-66.42	95.38	110.35	4.7
4256.0	16.68	S62.61°E	4247.16	-74.68	110.85	127.54	1.0
4318.0	17.08	S62.63°E	4306.49	-82.96	126.84	145.22	0.6
4380.0	17.42	S62.90°E	4365.70	-91.37	143.19	163.29	0.6
4442.0	17.84	S63.53°E	4424.79	-99.83	159.95	181.77	0.7
4504.0	17.93	S63.55°E	4483.79	-108.32	177.00	200.53	0.1
4566.0	18.22	S63.69°E	4542.73	-116.86	194.23	219.48	0.5
4628.0	18.30	S63.72°E	4601.61	-125.47	211.65	238.63	0.1
4690.0	18.72	S64.05°E	4660.40	-134.13	229.32	258.04	0.7
4752.0	18.86	S64.47°E	4719.10	-142.81	247.31	277.75	0.3
4814.0	19.02	S64.50°E	4777.74	-151.47	265.47	297.63	0.3
4876.0	18.94	S64.55°E	4836.37	-160.15	283.67	317.55	0.1
4938.0	19.37	S64.75°E	4894.94	-168.86	302.06	337.66	0.7
5000.0	19.56	S64.89°E	4953.40	-177.65	320.76	358.09	0.3
5062.0	19.68	S64.95°E	5011.80	-186.47	339.61	378.67	0.2
5124.0	19.98	S65.35°E	5070.12	-195.31	358.70	399.49	0.5
5186.0	20.23	S65.46°E	5128.34	-204.18	378.08	420.59	0.4
5248.0	20.43	S65.26°E	5186.48	-213.16	397.65	441.92	0.3
5310.0	20.44	S65.57°E	5244.58	-222.17	417.34	463.35	0.2
5372.0	19.52	S64.68°E	5302.85	-231.07	436.56	484.31	1.6
5434.0	18.40	S64.61°E	5361.48	-239.70	454.76	504.22	1.8
5496.0	17.38	S63.82°E	5420.48	-247.98	471.91	523.02	1.7
5558.0	16.45	S62.78°E	5479.80	-256.08	488.03	540.78	1.6
5620.0	15.50	S62.34°E	5539.41	-263.94	503.17	557.53	1.5
5682.0	14.48	S61.36°E	5599.30	-271.51	517.32	573.24	1.7
5744.0	13.90	S61.60°E	5659.40	-278.76	530.67	588.11	0.9
5806.0	13.19	S60.40°E	5719.68	-285.80	543.37	602.29	1.2
5868.0	13.68	S60.98°E	5779.98	-292.85	555.93	616.34	0.8
5930.0	13.93	S61.52°E	5840.19	-299.96	568.90	630.80	0.5
5992.0	14.32	S62.33°E	5900.32	-307.08	582.25	645.63	0.7
6054.0	14.65	S63.03°E	5960.35	-314.20	596.03	660.86	0.6
6116.0	14.95	S63.16°E	6020.29	-321.37	610.16	676.44	0.5
6178.0	15.51	S63.71°E	6080.11	-328.65	624.72	692.48	0.9
6240.0	16.01	S64.39°E	6139.78	-336.02	639.87	709.10	0.9
6302.0	16.14	S65.09°E	6199.36	-343.34	655.39	726.07	0.4