

SCIENTIFIC DRILLING INTERNATIONAL

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

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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
0.0	0.00	N 0.00°E	0.00	0.00	0.00	0.00	0.0
100.0	0.59	N50.54°E	100.00	0.33	0.40	0.29	0.6
200.0	0.78	S47.78°E	199.99	0.20	1.30	1.19	0.9
300.0	0.32	N51.61°E	299.99	-0.09	2.02	1.96	0.8
400.0	0.39	S11.41°W	399.99	-0.25	2.17	2.15	0.7
500.0	0.41	N63.15°W	499.99	-0.42	1.79	1.83	0.6
600.0	0.98	N43.60°W	599.98	0.36	0.88	0.74	0.6
700.0	1.08	N81.29°W	699.96	1.12	-0.64	-0.94	0.7
800.0	0.56	N87.56°W	799.95	1.29	-2.06	-2.34	0.5
900.0	0.53	S72.39°W	899.95	1.17	-2.99	-3.20	0.2
1000.0	0.68	N50.59°W	999.94	1.40	-3.89	-4.13	0.6
1100.0	0.74	N83.38°W	1099.94	1.86	-4.99	-5.31	0.4
1200.0	0.82	S35.70°W	1199.93	1.35	-6.05	-6.18	0.8
1300.0	1.09	S 2.78°E	1299.92	-0.18	-6.42	-6.10	0.7
1400.0	1.07	S23.92°E	1399.90	-1.99	-6.00	-5.18	0.4
1500.0	1.09	S31.39°E	1499.88	-3.65	-5.12	-3.87	0.1
1600.0	0.71	S14.27°E	1599.87	-5.06	-4.47	-2.85	0.5
1700.0	1.24	S21.32°E	1699.85	-6.67	-3.93	-1.86	0.5
1800.0	1.36	S22.39°E	1799.83	-8.78	-3.08	-0.45	0.1
1900.0	1.34	S53.66°E	1899.80	-10.57	-1.69	1.39	0.7
2000.0	0.86	S50.03°E	1999.78	-11.74	-0.17	3.18	0.5
2100.0	0.75	S38.64°E	2099.77	-12.74	0.81	4.41	0.2
2200.0	0.90	S15.03°E	2199.76	-14.00	1.42	5.36	0.4
2300.0	0.96	S28.19°E	2299.75	-15.50	2.02	6.36	0.2
2400.0	0.75	S79.14°E	2399.74	-16.36	3.06	7.60	0.8
2500.0	0.69	S82.59°E	2499.73	-16.56	4.30	8.84	0.1
2600.0	0.99	S29.17°E	2599.72	-17.40	5.32	10.06	0.8
2700.0	1.32	S27.18°E	2699.70	-19.18	6.27	11.47	0.3
2800.0	2.00	S46.82°E	2799.66	-21.39	8.07	13.83	0.9
2900.0	2.88	S48.80°E	2899.57	-24.24	11.23	17.67	0.9
3000.0	3.52	S58.23°E	2999.41	-27.51	15.73	22.92	0.8
3100.0	3.23	S60.08°E	3099.24	-30.54	20.78	28.62	0.3
3200.0	2.84	S63.97°E	3199.10	-33.03	25.45	33.81	0.4
3300.0	2.82	S63.19°E	3298.98	-35.22	29.87	38.67	0.0
3400.0	3.25	S74.82°E	3398.84	-37.08	34.80	43.92	0.7
3500.0	2.91	S81.35°E	3498.69	-38.20	40.05	49.27	0.5
3600.0	2.50	S77.21°E	3598.58	-39.07	44.68	53.96	0.5
3700.0	1.86	S81.68°E	3698.51	-39.78	48.42	57.75	0.7
3800.0	1.35	S84.61°E	3798.47	-40.13	51.19	60.51	0.5
3840.0	1.37	S83.73°E	3838.46	-40.22	52.14	61.44	0.1