

SCIENTIFIC DRILLING INTERNATIONAL

Client : PHILLIPS PETROLEUM
WELL NAME: : STATE ''35'' #20
Location : LEA COUNTY, NEW MEXICO
SHL :
BHL :
ACTUAL BHL :

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Date 16 AUGUST 1996
Filename : HALE#20

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
3582.0	11.03	N85.34°W	3577.40	22.93	-41.72	46.25	2.0
3644.0	11.45	N84.31°W	3638.21	24.02	-53.75	58.15	0.8
3706.0	11.12	N83.65°W	3699.01	25.29	-65.82	70.13	0.6
3768.0	10.63	N84.01°W	3759.90	26.55	-77.45	81.69	0.8
3830.0	10.59	N79.46°W	3820.84	28.19	-88.73	93.02	1.4
3892.0	9.73	N81.76°W	3881.87	29.98	-99.52	103.90	1.5
3954.0	10.10	N78.39°W	3942.95	31.83	-110.03	114.52	1.1
4016.0	9.55	N79.44°W	4004.03	33.86	-120.41	125.08	0.9
4078.0	10.15	N81.42°W	4065.12	35.62	-130.87	135.63	1.1
4140.0	10.15	N81.13°W	4126.15	37.28	-141.67	146.49	0.1
4202.0	10.08	N86.42°W	4187.19	38.46	-152.48	157.24	1.5
4264.0	10.06	N82.50°W	4248.23	39.51	-163.27	167.92	1.1
4326.0	10.84	N86.82°W	4309.21	40.54	-174.46	178.99	1.8
4388.0	11.66	N84.43°W	4370.02	41.47	-186.51	190.88	1.5
4450.0	11.15	N84.52°W	4430.79	42.65	-198.72	202.96	0.8
4512.0	10.89	S87.96°W	4491.65	43.01	-210.54	214.47	2.4
4574.0	11.49	N89.20°W	4552.47	42.89	-222.57	226.05	1.3
4636.0	13.01	N88.21°W	4613.06	43.19	-235.72	238.83	2.5
4698.0	13.14	N88.84°W	4673.45	43.55	-249.74	252.46	0.3
4760.0	12.77	S89.99°W	4733.87	43.70	-263.64	265.91	0.7
4822.0	13.02	N89.45°W	4794.31	43.76	-277.47	279.29	0.5
4884.0	13.75	N82.94°W	4854.63	44.73	-291.77	293.34	2.7
4946.0	15.09	N80.35°W	4914.67	46.99	-307.04	308.67	2.4
5000.0	15.09	N80.35°W	4966.81	49.35	-320.90	322.67	0.0

Origin of Bottom Hole Closure WELLSITE CENTRE
Bottom Hole Closure 325 ft N81.26°W

KSRG 0'-2875' BY DESPAIN
MS 2962'-5000' BY HENDRIX