

GREENHILL PETROLEUM
LOVINGTON PADDOCK UNIT, NO. 95
NEW MEXICO, LEA COUNTY

PROPOSAL LISTING Page 1
Your ref : PR01
Last revised : 3-Dec-90

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S			Dogleg Deg/100Ft	Vert Sect
0.00	0.00	220.81	0.00	0.00 N	0.00 E	0.00	0.00	
500.00	0.00	220.81	500.00	0.00 N	0.00 E	0.00	0.00	
1000.00	0.00	220.81	1000.00	0.00 N	0.00 E	0.00	0.00	
1500.00	0.00	220.81	1500.00	0.00 N	0.00 E	0.00	0.00	
2000.00	0.00	220.81	2000.00	0.00 N	0.00 E	0.00	0.00	
2500.00	0.00	220.81	2500.00	0.00 N	0.00 E	0.00	0.00	
3000.00	0.00	220.81	3000.00	0.00 N	0.00 E	0.00	0.00	
3500.00	0.00	220.81	3500.00	0.00 N	0.00 E	0.00	0.00	
4000.00	0.00	220.81	4000.00	0.00 N	0.00 E	0.00	0.00	
4194.13	0.00	220.81	4194.13	0.00 N	0.00 E	0.00	0.00	K.O.P. 4194.13'
4294.13	1.50	220.81	4294.12	0.99 S	0.86 W	1.50	1.31	
4394.13	3.00	220.81	4394.04	3.96 S	3.42 W	1.50	5.23	
4494.13	4.50	220.81	4493.82	8.91 S	7.70 W	1.50	11.77	
4594.13	6.00	220.81	4593.40	15.84 S	13.68 W	1.50	20.92	
4694.13	7.50	220.81	4692.71	24.73 S	21.36 W	1.50	32.68	
4794.13	9.00	220.81	4791.67	35.59 S	30.73 W	1.50	47.03	
4894.13	10.50	220.81	4890.22	48.41 S	41.80 W	1.50	63.96	
4994.13	12.00	220.81	4988.30	63.18 S	54.55 W	1.50	83.47	
5094.13	13.50	220.81	5085.83	79.88 S	68.98 W	1.50	105.54	
5194.13	15.00	220.81	5182.75	98.51 S	85.06 W	1.50	130.15	
5294.13	16.50	220.81	5278.99	119.05 S	102.80 W	1.50	157.30	
5394.13	18.00	220.81	5374.49	141.50 S	122.18 W	1.50	186.95	E.O.B. MD:5394.13' TVD:5374.49' V
5500.00	18.00	220.81	5475.18	166.26 S	143.56 W	0.00	219.66	
6000.00	18.00	220.81	5950.70	283.20 S	244.54 W	0.00	374.17	
6135.95	18.00	220.81	6080.00	315.00 S	272.00 W	0.00	416.18	TGT MD:6135.95' TVD:6080' VS:416.
6419.84	18.00	220.81	6350.00	381.40 S	329.34 W	0.00	503.91	P.B.H.L. MD:6419.84' TVD:6350'

All data is in feet unless otherwise stated
Coordinates are from slot #2 and TVDs are from wellhead.
Vertical section is from wellhead on azimuth 220.81 degrees.
Calculation uses the minimum curvature method.