

Energen Resources
LAMBIRTH "A" #3

slot #1
PETERSON
ROSSEVELT CO., NEW MEXICO

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : PLAN 2
Our ref : prop3772
License :

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Field is centred on n33 50 0.000,w103 25 0
Structure is centred on n33 50 0.000,w103 25 0

Slot location is n33 50 0.000,w103 25 0.000
Slot Grid coordinates are N 1031952.260, E 778367.750
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is True North

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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
7851.00	64.00	55.00	7826.08	10.76 N	73.29 E	0.00	66.28
7900.00	95.40	49.35	7834.74	40.04 N	110.81 E	65.04	113.80
7902.50	97.00	49.08	7834.47	41.66 N	112.69 E	65.04	116.27
8000.00	94.89	49.08	7824.38	105.18 N	185.96 E	2.17	212.70
8100.00	92.72	49.09	7817.75	170.52 N	261.36 E	2.17	311.92
8190.87	90.75	49.09	7815.00	230.00 N	330.00 E	2.17	402.24

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 402.24 on azimuth 55.12 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 55.13 degrees.
Calculation uses the minimum curvature method.
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Targets associated with this wellpath

Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
TD		7815.00	230.00N 330.00E	26-Mar-2003