

## Results of Directional Survey

30-025-01019

**PALADIN ENERGY CORP  
STATE BT C # 5**

	MD	N/S	E/W	VD
	10600	-74.40	68.60	10599.1
<b>TOP PERFS/OH</b>	<b>10695</b>	<b>-76.68</b>	<b>71.64</b>	<b>10694.01</b>
	10700	-76.80	71.80	10699.00
	10800	-79.30	74.60	10799.00
<b>BOT PERFS/OH</b>	<b>10816</b>	<b>-79.81</b>	<b>74.93</b>	<b>10814.96</b>
	10844	-80.70	75.50	10842.90

NEXT TO LAST	10800	-79.30	74.60	10799.00
LAST READING	10844	-80.70	75.50	10842.90
<b>TD</b>	<b>10853</b>	<b>-80.99</b>	<b>75.68</b>	<b>10851.88</b>

Surface Location	1980	FS	1980	FW
Projected BHL	1899	FS	2056	FW
Location of				
Top Perfs/OH	1903	FS	2052	FW
Bottom Perfs/OH	1900	FS	2055	FW

### SUMMARY of Subsurface Locations

Surface Location	K-35-11S-33E	1980	FS	1980	FW	Vert. Depth
<b>Top Perfs/OH</b>	K-35-11S-33E	1903	FS	2052	FW	10694.01
<b>Bottom Perfs/OH</b>	K-35-11S-33E	1900	FS	2055	FW	10814.96
<b>Projected TD</b>	K-35-11S-33E	1899	FS	2056	FW	10851.88

Standard location for a proration unit consisting of UL's KN, the top and bottom of perfs are within 150' of the center of the Q/Q.