





Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (*/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S *'*)	Longitude (E/W *'*)
100' FNL Crossing	20520.63	90.23	358.95	9946.47	10839.37	10732.44	-1518.78	0.20	472200.58	712003.60	N 32 17 49.00	W 103 46 51.57
Final Survey	20553.00	90.27	359.00	9946.33	10871.50	10764.81	-1519.36	0.20	472232.94	712003.03	N 32 17 49.32	W 103 46 51.58
Proj. to Bit	20599.00	90.27	359.00	9946.11	10917.16	10810.80	-1520.17	0.00	472278.93	712002.22	N 32 17 49.78	W 103 46 51.58

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 \*\*\* 3-D 95.000% Confidence 2.7955 sigma  
 Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/98.425	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Iridium MDP1 28-21 Fed Com 5H Gyros+MWD 0'-20599' MD
	1	26.500	26.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Iridium MDP1 28-21 Fed Com 5H Gyros+MWD 0'-20599' MD
	1	26.500	565.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Iridium MDP1 28-21 Fed Com 5H
	1	565.500	20599.000	Act Stns	30.000	30.000	NAL_MWD_JFR1+MS	Original Borehole / Oxy Iridium MDP1 28-21 Fed Com 5H

...Original Borehole\Oxy Iridium MDP1 28-21 Fed Com 5H Gyros+MWD 0'-20599' MD