



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT

PAGE 1 Surface Location

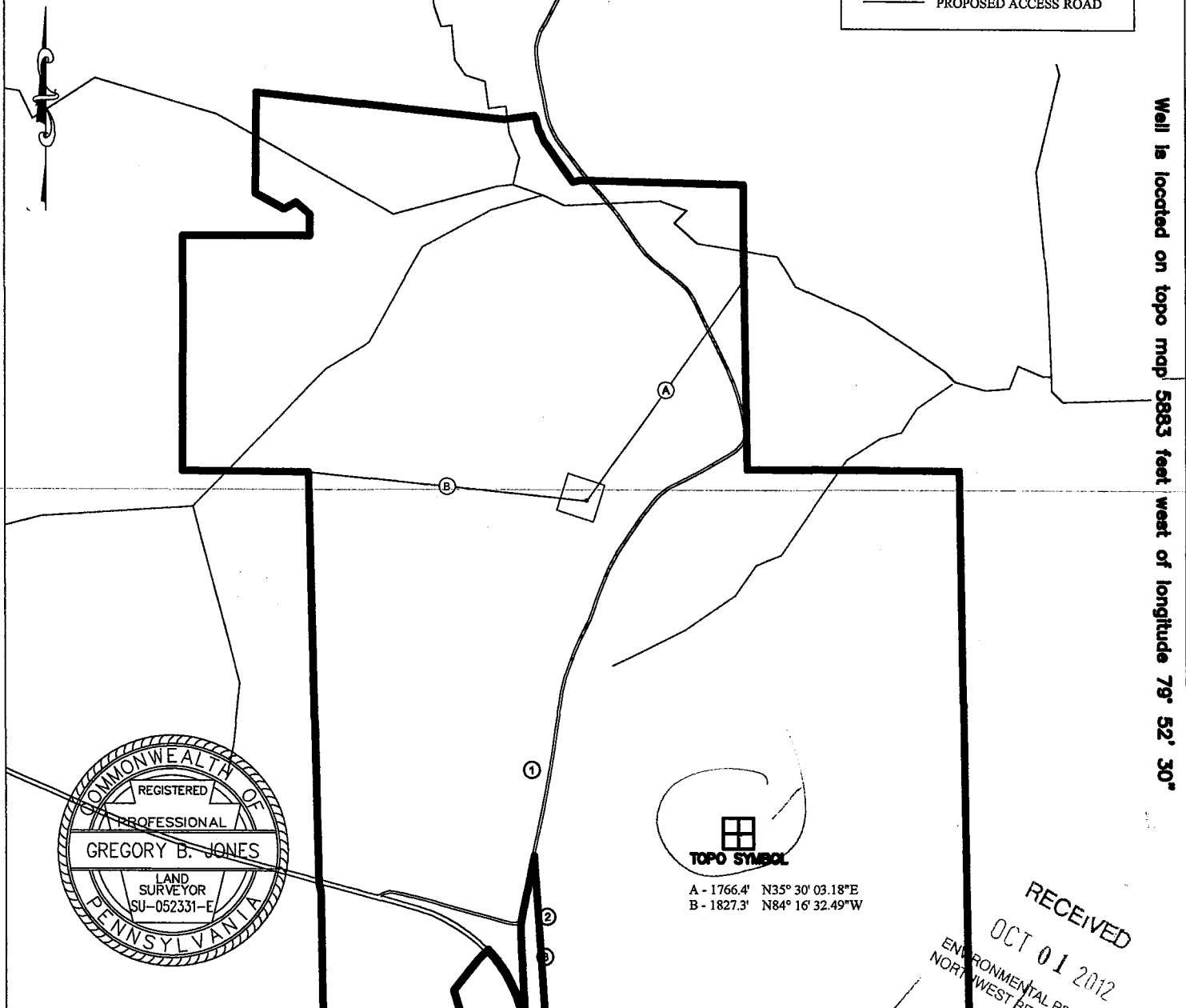
DEP	Auth ID #	Auth
USE	Permit # 121-45037	C: 11/6/12
ONLY	Project #	C:

Denotes location of top of well on topo map.				
True Latitude: NORTH				
41	15	20	75	*
True Longitude: WEST				
79	53	47	04	*

Well is located on topo map 13081 feet south of latitude 41° 17' 30"

LEGEND

- ⊗ PROPOSED TOPHOLE
- PARCEL BOUNDARY
- ① PURVEYOR WATER WELL
- TRACT BOUNDARY
- WELL TIE IN LINES
- PROPOSED ACCESS ROAD



Well is located on topo map 5883 feet west of longitude 79° 52' 30"



TOPO SYMBOL

A - 1766.4' N35° 30' 03.18"E
B - 1827.3' N84° 16' 32.49"W

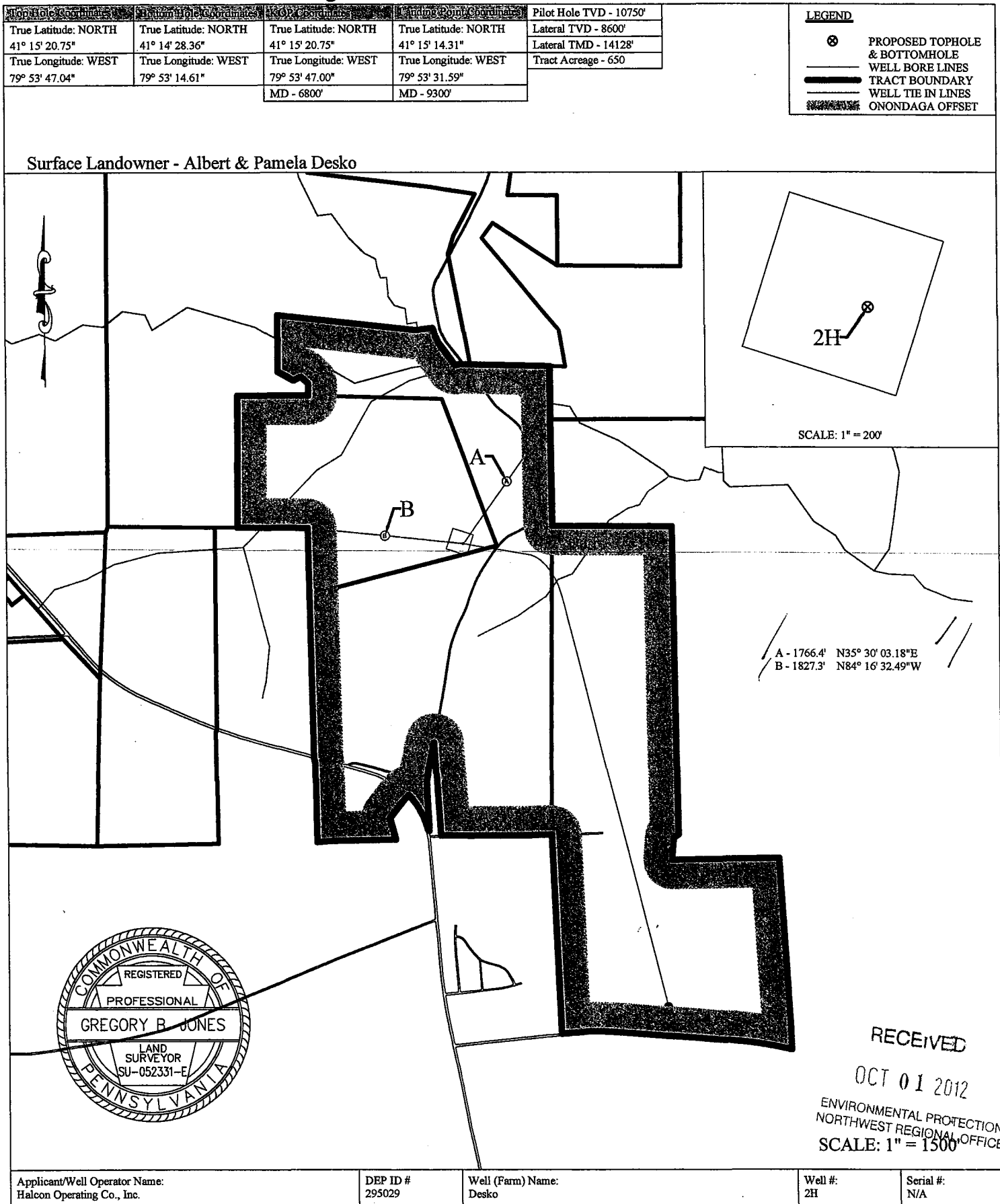
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NORTH WEST REGIONAL OFFICE

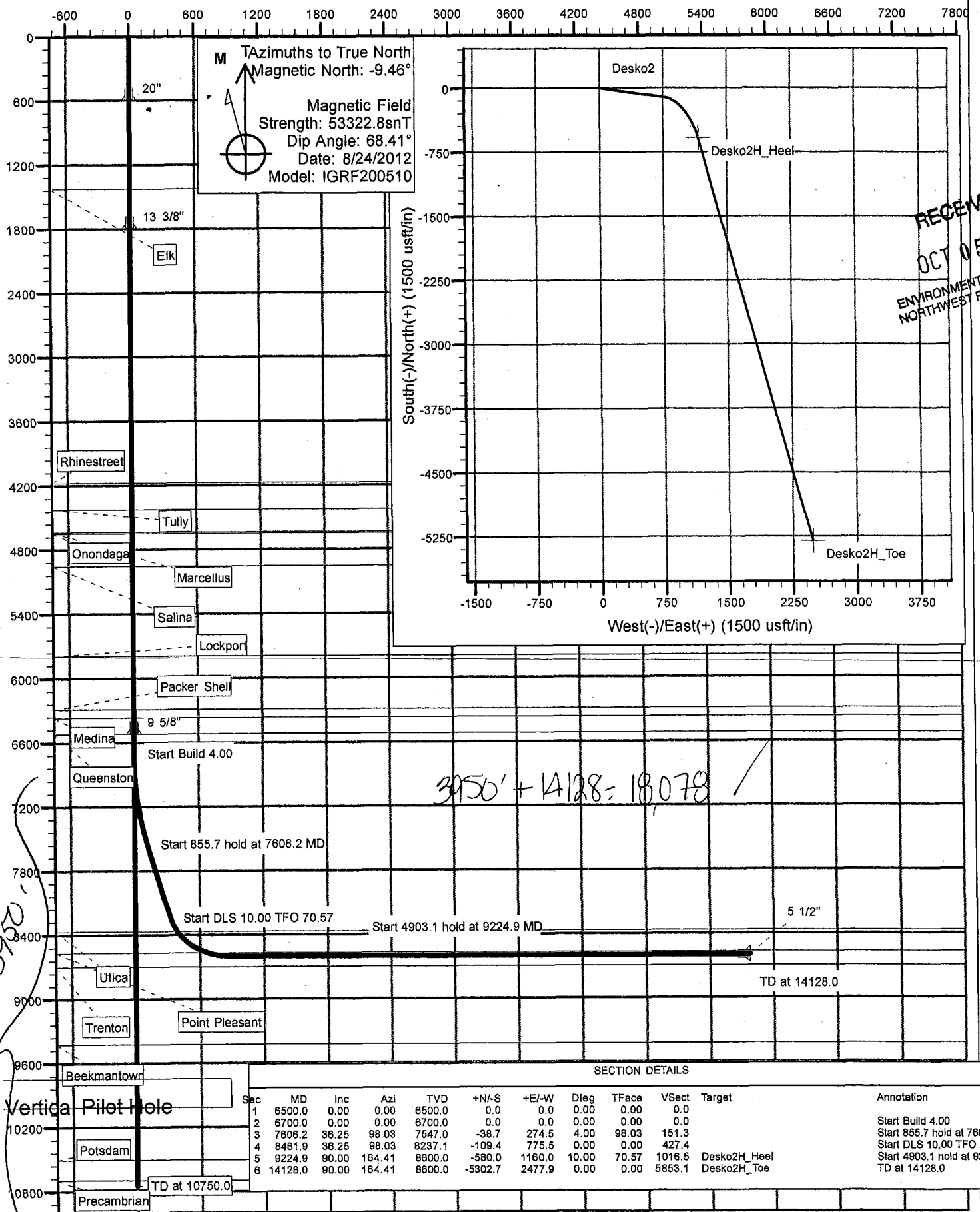
Applicant/Well Operator Name: Halcon Operating Co., Inc.		DEP ID # 295029	Well (Farm) Name: Desko		Well #: 2H	Scale #: 100'
Address: 1000 Louisiana Street, Suite 6700, Houston, Texas 77002			County: Venango	Municipality: Clinton Township	Well Type: Gas	
911 address of well site: N/A			USGS 7 1/4' Quadrangle Map Name: Polk	Map Section: 9	Surface Elevation: 1485 ft.	
Surveyor or Engineer: Greg Jones	Phone #: 412-722-1222	Dwg #: 1	Date: 8/27/2012	Scale: 1" = 1000'	Tract Acreage: 650	
Lat. & Long Metadata Method: GPS (WAAS)	Accuracy: 5 ft.	Datum: NAD 83	Elevation Metadata Method: LIDAR	Accuracy: 5 ft.	Datum: NAD 83	Survey Date: 8/6/2012

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WELL LOCATION PLAT

Page 3 Plan View of Deviated Well Bore





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WELL DETAILS: Desk2

Ground Level: 1478.0

0.0 0.0 Northing 404123.60 Easting 1378401.12 Latitude 41° 15' 20.755 N Longitude 79° 53' 47.044 W Slot S6