

REFERENCE INFORMATION

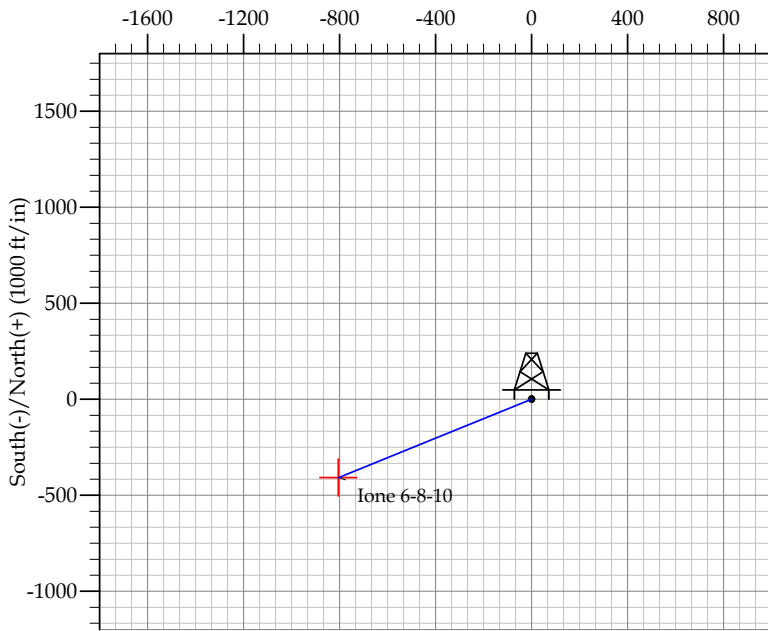
Co-ordinate (N/E) Reference: Well Ione 6-8-10, True North
Vertical (TVD) Reference: WELL @ 5029.0ft (Original Well Elev)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: WELL @ 5029.0ft (Original Well Elev)
Calculation Method:

WELL DETAILS: Ione 6-8-10

+N/-S	+E/-W	Northing	Ground Level:	5016.0	Longitude	Slot
0.0	0.0	1297150.77	Easting	3207899.66	40° 8' 48.048 N 4° 45' 22.680 W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1461.3	9.23	243.13	1459.3	-16.8	-33.1	2.00	243.13	37.1	
4	6628.5	9.23	243.13	6559.7	-391.2	-772.1	0.00	0.00	865.5	
5	7089.8	0.00	0.00	7019.0	-408.0	-805.1	2.00	180.00	902.6	
6	8139.8	0.00	0.00	8069.0	-408.0	-805.1	0.00	0.00	902.6	Ione 6-8-10



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4504.0	4545.9	Sussex
7202.0	7272.8	Niobrara
7479.0	7549.8	Codell
7919.0	7989.8	J Sand
7999.0	8069.8	A Marker

CASING DETAILS

TVD	MD	Name	Size
950.0	950.0	Surface	8.625
8069.0	8139.8	Production	4.500