

HEADER INFORMATION

Company: Chesapeake Operating Inc.
 Field: Lea County
 Site Name: Shelby 1-14
 Well Name: Shelby 1-14
 Wellpath Name: OH
 Survey Name: Plan #1
 Mag Dec. Corr. +8.26 EAST TO GRID
 Depth Units: ft
 AFE / OCS: Original hole
 Survey Date: 9/6/00

Survey Type

H 0 - 12801 Plan #1:

SURFACE LOCATION

Site Northing: 702664
 Site Easting: 808528.5
 BOTTOM HOLE LOCATION
 BHL MD: 12801.33
 BHL TVD: 12800

WELL INFORMATION

Well Northing: 702664
 Well Easting: 808528.5
 Rig K.B.: 3885
 Well Angle: 60

SURVEY LIST

MD	INC	AZI	TVD	NS	EW	VSEC	DLS	S1STD	LeaseNS	LeaseEW	Northing	Easting	Latitude	Longitude
0.00	0.00	60.00	0.00	0.00	0.00	0.00	0.00	-3.895.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
100.00	0.00	60.00	100.00	0.00	0.00	0.00	0.00	-3.795.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
200.00	0.00	60.00	200.00	0.00	0.00	0.00	0.00	-3.695.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
300.00	0.00	60.00	300.00	0.00	0.00	0.00	0.00	-3.595.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
400.00	0.00	60.00	400.00	0.00	0.00	0.00	0.00	-3.495.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
500.00	0.00	60.00	500.00	0.00	0.00	0.00	0.00	-3.395.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
600.00	0.00	60.00	600.00	0.00	0.00	0.00	0.00	-3.295.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
700.00	0.00	60.00	700.00	0.00	0.00	0.00	0.00	-3.195.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
800.00	0.00	60.00	800.00	0.00	0.00	0.00	0.00	-3.095.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
900.00	0.00	60.00	900.00	0.00	0.00	0.00	0.00	-2.995.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1000.00	0.00	60.00	1000.00	0.00	0.00	0.00	0.00	-2.895.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1100.00	0.00	60.00	1100.00	0.00	0.00	0.00	0.00	-2.795.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1200.00	0.00	60.00	1200.00	0.00	0.00	0.00	0.00	-2.695.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1300.00	0.00	60.00	1300.00	0.00	0.00	0.00	0.00	-2.595.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1400.00	0.00	60.00	1400.00	0.00	0.00	0.00	0.00	-2.495.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1500.00	0.00	60.00	1500.00	0.00	0.00	0.00	0.00	-2.395.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1600.00	0.00	60.00	1600.00	0.00	0.00	0.00	0.00	-2.295.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1700.00	0.00	60.00	1700.00	0.00	0.00	0.00	0.00	-2.195.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1800.00	0.00	60.00	1800.00	0.00	0.00	0.00	0.00	-2.095.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
1900.00	0.00	60.00	1900.00	0.00	0.00	0.00	0.00	-1.995.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2000.00	0.00	60.00	2000.00	0.00	0.00	0.00	0.00	-1.895.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2100.00	0.00	60.00	2100.00	0.00	0.00	0.00	0.00	-1.795.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2200.00	0.00	60.00	2200.00	0.00	0.00	0.00	0.00	-1.695.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2300.00	0.00	60.00	2300.00	0.00	0.00	0.00	0.00	-1.595.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2400.00	0.00	60.00	2400.00	0.00	0.00	0.00	0.00	-1.495.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2500.00	0.00	60.00	2500.00	0.00	0.00	0.00	0.00	-1.395.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2600.00	0.00	60.00	2600.00	0.00	0.00	0.00	0.00	-1.295.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2700.00	0.00	60.00	2700.00	0.00	0.00	0.00	0.00	-1.195.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2800.00	0.00	60.00	2800.00	0.00	0.00	0.00	0.00	-1.095.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
2900.00	0.00	60.00	2900.00	0.00	0.00	0.00	0.00	-0.995.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
3000.00	0.00	60.00	3000.00	0.00	0.00	0.00	0.00	-0.895.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
3100.00	0.00	60.00	3100.00	0.00	0.00	0.00	0.00	-0.795.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W
3200.00	0.00	60.00	3200.00	0.00	0.00	0.00	0.00	-0.695.00	1299.00	577.00	702664.00	808528.50	32°55'39.54"N	103°19'40.19"W