

**Survey Report for EVGSAU 3236-003**  
**Data Source: Information from Location**

Measured Depth (ft)	Incl. (Deg)	Azim. (Deg)	Station Coordinates			Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
			TVD (ft)	Northings (ft)	Eastings (ft)			
5381.00	89.200	230.900	4598.97	613.16 S	678.12 W	914.05	0.00	
5413.00	88.900	230.900	4599.50	633.34 S	702.95 W	946.03	0.94	
5445.00	89.500	230.400	4599.95	653.62 S	727.69 W	978.01	2.44	
5476.00	90.600	230.900	4599.92	673.28 S	751.66 W	1009.00	3.90	
5508.00	90.600	230.700	4599.59	693.50 S	776.46 W	1040.98	0.62	
5539.00	89.500	230.800	4599.56	713.12 S	800.46 W	1071.97	3.56	
5570.00	88.600	232.500	4600.07	732.35 S	824.77 W	1102.93	6.20	
5602.00	89.600	231.600	4600.58	752.02 S	850.00 W	1134.88	4.20	
5634.00	89.500	233.300	4600.83	771.53 S	875.37 W	1166.82	5.32	
5665.00	88.400	234.000	4601.40	789.90 S	900.33 W	1197.71	4.21	
5697.00	88.500	234.800	4602.26	808.52 S	926.34 W	1229.55	2.52	
5729.00	87.600	234.100	4603.35	827.11 S	952.36 W	1261.39	3.56	
5760.00	90.200	232.200	4603.95	845.70 S	977.16 W	1292.30	10.39	
5792.00	91.200	231.400	4603.55	865.48 S	1002.31 W	1324.26	4.00	
5823.00	91.200	231.900	4602.91	884.71 S	1026.61 W	1355.22	1.61	Last MWD Survey @ 5823' md
5861.00	91.200	231.900	4602.11	908.16 S	1056.51 W	1393.16	0.00	Projection to TD @ 5861' md

All data is in Feet (US) unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to Well. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.  
 Vertical Section is from Well and calculated along an Azimuth of 229.000° (True).

Magnetic Declination at Surface is 7.831° (17-Jun-02)

Based upon Minimum Curvature type calculations, at a Measured Depth of 5861.00ft., The Bottom Hole Displacement is 1393.18ft., in the Direction of 229.318° (True).

**Comments**

Measured Depth (ft)	Station Coordinates			Comment
	TVD (ft)	Northings (ft)	Eastings (ft)	
4200.00	4199.25	50.78 S	13.96 E	Last Gyro Survey @ 4200' md
4339.00	4338.25	50.55 S	13.70 E	1st MWD Survey @ 4339' md
4402.00	4401.09	52.13 S	11.54 E	BHA # 1 / 2.57° Standard Motor / XS20S
4466.00	4460.44	66.16 S	6.54 W	BHA # 2 / 2.57° Standard Motor / XS20S
4497.00	4486.27	78.42 S	18.50 W	BHA # 3 / 1.04° Standard Motor / XS20S

