

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

| Measured<br>Depth<br>(ft) | Incl.<br>(Deg) | Azim.<br>(Deg) | Station<br>TVD<br>(ft) | Coordinates<br>Northings<br>(ft) | Eastings<br>(ft) | Vertical<br>Section<br>(ft) | Dogleg<br>Rate<br>(°/100ft) | Comment                        |
|---------------------------|----------------|----------------|------------------------|----------------------------------|------------------|-----------------------------|-----------------------------|--------------------------------|
| 4000.00                   | 0.210          | 202.060        | 3999.25                | 50.17 S                          | 14.04 E          | 22.32                       | 0.05                        |                                |
| 4100.00                   | 0.190          | 190.090        | 4099.25                | 50.51 S                          | 13.94 E          | 22.61                       | 0.05                        |                                |
| 4200.00                   | 0.130          | 159.660        | 4199.25                | 50.78 S                          | 13.96 E          | 22.78                       | 0.10                        | Last Gyro Survey @<br>4200' md |

**MWD Surveys**

|         |        |         |         |          |          |        |       |                                           |
|---------|--------|---------|---------|----------|----------|--------|-------|-------------------------------------------|
| 4339.00 | 0.400  | 320.200 | 4338.25 | 50.55 S  | 13.70 E  | 22.83  | 0.38  | 1st MWD Survey @<br>4339' md              |
| 4371.00 | 0.800  | 139.500 | 4370.25 | 50.63 S  | 13.77 E  | 22.82  | 3.75  |                                           |
| 4402.00 | 10.100 | 240.700 | 4401.09 | 52.13 S  | 11.54 E  | 25.50  | 33.18 | BHA # 1 / 2.57° Standard<br>Motor / XS20S |
| 4434.00 | 21.600 | 235.200 | 4431.82 | 56.88 S  | 4.23 E   | 34.13  | 36.20 |                                           |
| 4466.00 | 31.400 | 225.100 | 4460.44 | 66.16 S  | 6.54 W   | 48.34  | 33.61 | BHA # 2 / 2.57° Standard<br>Motor / XS20S |
| 4497.00 | 35.700 | 223.500 | 4486.27 | 78.42 S  | 18.50 W  | 65.41  | 14.16 | BHA # 3 / 1.04° Standard<br>Motor / XS20S |
| 4529.00 | 38.000 | 225.800 | 4511.88 | 92.07 S  | 31.99 W  | 84.54  | 8.38  | BHA # 4 / 2.83° Standard<br>Motor / XS20S |
| 4560.00 | 47.800 | 228.000 | 4534.56 | 106.44 S | 47.40 W  | 105.60 | 31.98 |                                           |
| 4592.00 | 57.900 | 229.300 | 4553.86 | 123.25 S | 66.54 W  | 131.08 | 31.73 |                                           |
| 4623.00 | 68.800 | 230.100 | 4567.74 | 141.14 S | 87.64 W  | 158.74 | 35.24 |                                           |
| 4655.00 | 79.300 | 232.700 | 4576.52 | 160.29 S | 111.66 W | 189.43 | 33.73 | BHA # 5 / 1.69° Standard<br>Motor / XS20S |
| 4686.00 | 84.900 | 232.300 | 4580.78 | 178.98 S | 136.01 W | 220.07 | 18.11 |                                           |
| 4718.00 | 88.700 | 232.200 | 4582.57 | 198.53 S | 161.27 W | 251.96 | 11.88 |                                           |
| 4750.00 | 88.800 | 233.500 | 4583.27 | 217.85 S | 186.77 W | 283.88 | 4.07  |                                           |
| 4782.00 | 88.800 | 232.900 | 4583.94 | 237.02 S | 212.39 W | 315.79 | 1.87  |                                           |
| 4813.00 | 87.100 | 233.700 | 4585.05 | 255.53 S | 237.22 W | 346.68 | 6.06  |                                           |
| 4845.00 | 87.300 | 232.200 | 4586.61 | 274.79 S | 262.73 W | 378.56 | 4.72  |                                           |
| 4877.00 | 88.100 | 232.200 | 4587.89 | 294.39 S | 288.00 W | 410.49 | 2.50  |                                           |
| 4908.00 | 87.900 | 231.500 | 4588.98 | 313.52 S | 312.36 W | 441.43 | 2.35  |                                           |
| 4940.00 | 88.400 | 231.400 | 4590.01 | 333.46 S | 337.37 W | 473.39 | 1.59  |                                           |
| 4972.00 | 89.500 | 230.700 | 4590.60 | 353.57 S | 362.25 W | 505.36 | 4.07  |                                           |
| 5004.00 | 89.900 | 230.400 | 4590.76 | 373.90 S | 386.96 W | 537.35 | 1.56  |                                           |
| 5035.00 | 89.500 | 230.600 | 4590.93 | 393.62 S | 410.88 W | 568.34 | 1.44  |                                           |
| 5067.00 | 89.700 | 230.400 | 4591.15 | 413.97 S | 435.58 W | 600.32 | 0.88  |                                           |
| 5098.00 | 89.800 | 229.800 | 4591.28 | 433.86 S | 459.36 W | 631.32 | 1.96  |                                           |
| 5193.00 | 88.300 | 230.400 | 4592.86 | 494.79 S | 532.23 W | 726.28 | 1.70  |                                           |
| 5223.00 | 87.600 | 230.900 | 4593.93 | 513.79 S | 555.41 W | 756.25 | 2.87  |                                           |
| 5255.00 | 86.500 | 231.400 | 4595.58 | 533.84 S | 580.30 W | 788.19 | 3.78  |                                           |
| 5287.00 | 87.600 | 230.900 | 4597.23 | 553.89 S | 605.18 W | 820.12 | 3.78  |                                           |
| 5318.00 | 89.200 | 230.900 | 4598.09 | 573.43 S | 629.23 W | 851.09 | 5.16  |                                           |