

Sperry-Sun Drilling Services
Proposal Report for EVGSAU 3236-001 - Plan-3.29.01
Your Ref: Horizontal Well Proposal



Phillips Petroleum
Lea Co., New Mexico

East Vacuum Unit
Sec. 32,T17S-R35E

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

Magnetic Declination at Surface is 10.425° (26-Feb-01)

The Dogleg Severity is in Degrees per 100 feet.
 Vertical Section is from Well and calculated along an Azimuth of 97.575° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 6759.06ft.,
 The Bottom Hole Displacement is 2200.00ft., in the Direction of 97.575° (True).

Comments

Measured Depth (ft)	Station TVD (ft)	Coordinates Northings (ft)	Eastings (ft)	Comment
4259.00	4259.00	0.00 N	0.00 E	Kick Off Point at 4259ft
4270.00	4270.00	0.22 S	0.09 E	Build at 22.1°/100ft in a Direction of 157.5° Azimuth
4560.87	4496.98	145.00 S	60.00 E	Start Build & Turn at 4561ft
4711.52	4550.18	250.44 S	150.01 E	Build & Turn at 22.3°/100ft
4862.16	4580.00	290.00 S	290.00 E	End of Build at 4862ft
4880.00	4581.65	290.00 S	307.76 E	Hold Angle at 84.7° & Direction at 90°
5862.16	4672.37	290.00 S	1285.72 E	Start Build to Horizontal at 5862ft
5939.66	4677.74	290.00 S	1363.03 E	Build Rate = 3.42°/100ft
6017.16	4679.53	290.00 S	1440.50 E	90° at 6017ft
6082.16	4678.40	290.00 S	1505.49 E	Build Rate = 3.08°/100ft
6147.16	4675.00	290.00 S	1570.39 E	94° at 6147ft
6180.00	4672.71	290.00 S	1603.15 E	Hold Angle at 94°
6759.00	4632.32	290.00 S	2180.74 E	Proposed Total Depth at 6759ft

Targets associated with this wellpath

Target Name	Target Entry TVD (ft)	Coordinates Northings (ft)	Eastings (ft)	Target Shape	Target Type
009	0.00	480.00 S	1180.00 E	Circle	Current Target
019	0.00	140.00 S	2080.00 E	Circle	Current Target
25-04	0.00	100.00 S	1320.00 E	Circle	Current Target
32#2	0.00	310.00 S	2415.00 E	Circle	Current Target
End of Curve	4580.00	290.00 S	290.00 E	Point	Current Target