

Sperry-Sun Drilling Services
 Proposal Report for EVGSAU 3229-013 - Plan-2.26.01
 Your Ref: Horizontal Well Plan



**Phillips Petroleum
 Lea Co., New Mexico**

**East Vacuum Unit
 Sec. 32,T17S-R35E**

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4230.00	0.000	0.000	4230.00	0.00 N	0.00 E	0.00	
4240.00	2.120	35.819	4240.00	0.15 N	0.11 E	0.12	21.20
4260.00	6.360	35.819	4259.94	1.35 N	0.97 E	1.08	21.20
4280.00	10.599	35.819	4279.72	3.74 N	2.70 E	2.99	21.20
4300.00	14.839	35.819	4299.22	7.31 N	5.28 E	5.84	21.20
4320.00	19.079	35.819	4318.35	12.04 N	8.69 E	9.62	21.20
4340.00	23.319	35.819	4336.99	17.90 N	12.92 E	14.30	21.20
4360.00	27.558	35.819	4355.05	24.87 N	17.95 E	19.86	21.20
4380.00	31.798	35.819	4372.42	32.89 N	23.74 E	26.28	21.20
4400.00	36.038	35.819	4389.01	41.94 N	30.27 E	33.51	21.20
4420.00	40.278	35.819	4404.73	51.96 N	37.50 E	41.51	21.20
4440.00	44.517	35.819	4419.50	62.89 N	45.39 E	50.24	21.20
4460.00	48.757	35.819	4433.23	74.68 N	53.90 E	59.66	21.20
4480.00	52.997	35.819	4445.85	87.26 N	62.98 E	69.71	21.20
4500.00	57.237	35.819	4457.28	100.56 N	72.58 E	80.33	21.20
4501.64	57.583	35.819	4458.16	101.68 N	73.38 E	81.23	21.20
4520.00	58.632	40.123	4467.87	113.96 N	82.97 E	91.76	20.70
4540.00	59.933	44.695	4478.09	126.65 N	94.57 E	104.33	20.70
4560.00	61.389	49.142	4487.89	138.55 N	107.30 E	117.97	20.70
4580.00	62.985	53.461	4497.23	149.60 N	121.10 E	132.60	20.70
4600.00	64.709	57.655	4506.04	159.74 N	135.91 E	148.17	20.70
4620.00	66.548	61.727	4514.30	168.93 N	151.63 E	164.57	20.70
4640.00	68.490	65.684	4521.95	177.11 N	168.20 E	181.73	20.70
4660.00	70.523	69.535	4528.95	184.24 N	185.52 E	199.56	20.70
4680.00	72.635	73.288	4535.27	190.28 N	203.50 E	217.97	20.70
4700.00	74.815	76.955	4540.88	195.21 N	222.05 E	236.85	20.70
4720.00	77.053	80.546	4545.74	198.99 N	241.07 E	256.11	20.70
4740.00	79.340	84.072	4549.84	201.61 N	260.47 E	275.66	20.70
4760.00	81.666	87.545	4553.14	203.05 N	280.14 E	295.38	20.70
4774.29	83.346	90.000	4555.00	203.35 N	294.30 E	309.52	20.70
5000.00	83.346	90.000	4581.15	203.35 N	518.49 E	533.00	0.00
5614.29	83.346	90.000	4652.33	203.35 N	1128.64 E	1141.23	0.00
5700.00	87.733	90.000	4659.00	203.35 N	1214.07 E	1226.39	5.12
5744.29	90.000	90.000	4659.87	203.35 N	1258.35 E	1270.53	5.12
5790.29	90.000	90.000	4659.87	203.35 N	1304.35 E	1316.38	0.00
5800.00	90.448	90.000	4659.84	203.35 N	1314.06 E	1326.06	4.62
5900.00	95.064	90.000	4655.03	203.35 N	1413.92 E	1425.60	4.62
5920.29	96.000	90.000	4653.07	203.35 N	1434.11 E	1445.73	4.62
6000.00	96.000	90.000	4644.74	203.35 N	1513.39 E	1524.76	0.00
6350.29	96.000	90.000	4608.13	203.35 N	1861.76 E	1872.03	0.00
6400.00	93.706	90.000	4603.92	203.35 N	1911.29 E	1921.40	4.62
6480.29	90.000	90.000	4601.33	203.35 N	1991.52 E	2001.38	4.62
6500.00	88.984	90.000	4601.50	203.35 N	2011.23 E	2021.03	5.15
6600.00	83.830	90.000	4607.76	203.35 N	2111.00 E	2120.48	5.15
6610.29	83.300	90.000	4608.92	203.35 N	2121.22 E	2130.67	5.15