

Phillips Petroleum Company

Survey Report for EVGSAU 3229-002
Data Source: Information from Location

New Mexico

Lea County

Measured Depth (ft)	Incl. (Deg)	Azim. (Deg)	Station TVD (ft)	Coordinates Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
MWD Surveys								
3917.00	5.800	90.900	3916.34	14.22 S	28.19 W	-28.19	15.00	1st MWD Survey @ 3917' md
3967.00	11.000	84.300	3965.79	13.78 S	20.92 W	-20.92	10.56	
3999.00	12.600	83.900	3997.11	13.11 S	14.41 W	-14.41	5.01	
4030.00	11.000	86.000	4027.45	12.54 S	8.09 W	-8.09	5.34	
4062.00	9.100	85.300	4058.96	12.12 S	2.53 W	-2.53	5.95	
4093.00	7.100	87.100	4089.65	11.83 S	1.83 E	1.83	6.50	
4124.00	4.800	80.200	4120.48	11.51 S	5.02 E	5.02	7.76	
4156.00	2.100	60.000	4152.42	10.99 S	6.85 E	6.85	9.13	
4188.00	0.300	19.600	4184.41	10.61 S	7.39 E	7.39	5.88	
4220.00	1.500	63.000	4216.41	10.35 S	7.79 E	7.79	4.06	
4251.00	7.500	87.000	4247.30	10.06 S	10.17 E	10.17	19.87	
4282.00	15.500	92.000	4277.65	10.09 S	16.34 E	16.34	25.98	
4314.00	23.600	92.600	4307.79	10.53 S	27.03 E	27.03	25.32	
4346.00	31.900	91.200	4336.08	11.00 S	41.91 E	41.91	26.02	
4377.00	37.600	89.600	4361.54	11.11 S	59.57 E	59.57	18.62	
4408.00	37.200	89.600	4386.17	10.98 S	78.40 E	78.40	1.29	
4440.00	41.500	89.000	4410.91	10.72 S	98.68 E	98.68	13.49	
4472.00	49.500	89.900	4433.32	10.52 S	121.49 E	121.49	25.08	
4503.00	57.500	88.600	4451.74	10.18 S	146.38 E	146.38	26.02	
4521.39	62.040	87.830	4461.00	9.68 S	162.26 E	162.26	24.95	
4535.00	65.400	87.300	4467.03	9.16 S	174.45 E	174.45	24.93	
4567.00	73.400	87.500	4478.28	7.80 S	204.35 E	204.35	25.01	
4598.00	80.000	88.400	4485.40	6.73 S	234.48 E	234.48	21.48	
4630.00	83.500	89.600	4489.99	6.18 S	266.14 E	266.14	11.55	
4661.00	87.000	90.000	4492.56	6.07 S	297.03 E	297.03	11.36	
4693.00	87.600	90.500	4494.07	6.21 S	328.99 E	328.99	2.44	
4725.00	88.200	90.400	4495.24	6.46 S	360.97 E	360.97	1.90	
4756.00	88.900	90.600	4496.03	6.73 S	391.96 E	391.96	2.35	
4787.00	86.600	90.300	4497.24	6.97 S	422.93 E	422.93	7.48	
4817.00	83.200	90.300	4499.91	7.13 S	452.81 E	452.81	11.33	
4849.00	81.700	90.400	4504.11	7.33 S	484.53 E	484.53	4.70	
4880.00	82.500	90.000	4508.37	7.43 S	515.23 E	515.23	2.88	
4912.00	82.700	89.300	4512.50	7.24 S	546.97 E	546.97	2.26	
4943.00	80.800	89.100	4516.94	6.81 S	577.64 E	577.64	6.16	
4975.00	81.000	88.500	4522.00	6.15 S	609.23 E	609.23	1.95	
5006.00	81.500	88.900	4526.72	5.45 S	639.86 E	639.86	2.06	
5037.00	82.600	89.000	4531.01	4.89 S	670.56 E	670.56	3.56	
5068.00	82.900	88.100	4534.92	4.11 S	701.30 E	701.30	3.04	
5100.00	82.900	87.800	4538.88	2.98 S	733.04 E	733.04	0.93	
5132.00	82.700	88.600	4542.89	1.98 S	764.77 E	764.77	2.56	
5164.00	82.800	88.900	4546.92	1.29 S	796.50 E	796.50	0.98	
5196.00	83.400	88.600	4550.77	0.59 S	828.26 E	828.26	2.09	
5227.00	82.700	88.000	4554.52	0.32 N	859.02 E	859.02	2.96	
5258.00	82.000	86.800	4558.65	1.71 N	889.71 E	889.71	4.45	
5289.00	81.500	87.200	4563.10	3.32 N	920.35 E	920.35	2.06	