

DAILEY INTERNATIONAL INC.

YATES PETROLEUM
PERSON FEDERAL #25
KODY COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
Vert Sect Plane: 0.00 Deg.

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
8200.00	1.47	306.13	50.00	8189.94	144.94 N	125.02 W	144.94	191.41	319.22	0.24
8250.00	1.51	305.76	50.00	8239.92	145.70 N	126.07 W	145.70	192.67	319.13	0.08
8300.00	1.19	306.08	50.00	8289.91	146.39 N	127.02 W	146.39	193.82	319.05	0.64
8350.00	1.25	310.53	50.00	8339.90	147.05 N	127.86 W	147.05	194.86	318.99	0.22
8400.00	1.15	317.78	50.00	8389.88	147.78 N	128.61 W	147.78	195.91	318.97	0.36
8450.00	1.14	332.92	50.00	8439.87	148.59 N	129.17 W	148.59	196.89	319.00	0.60
8500.00	1.15	341.03	50.00	8489.86	149.51 N	129.56 W	149.51	197.84	319.09	0.32
8550.00	0.81	0.58	50.00	8539.86	150.34 N	129.72 W	150.34	198.57	319.21	0.94
8600.00	0.71	14.89	50.00	8589.85	150.99 N	129.64 W	150.99	199.01	319.35	0.43
8650.00	0.80	16.56	50.00	8639.85	151.63 N	129.46 W	151.63	199.37	319.51	0.19
8700.00	0.71	27.56	50.00	8689.84	152.23 N	129.22 W	152.23	199.68	319.68	0.34
8750.00	0.83	18.32	50.00	8739.84	152.85 N	128.96 W	152.85	199.99	319.85	0.34
8800.00	0.76	29.48	50.00	8789.83	153.49 N	128.68 W	153.49	200.29	320.02	0.34
8850.00	0.76	40.73	50.00	8839.83	154.03 N	128.30 W	154.03	200.46	320.21	0.30
8900.00	0.84	45.18	50.00	8889.83	154.54 N	127.83 W	154.54	200.55	320.40	0.20
8950.00	0.84	52.87	50.00	8939.82	155.01 N	127.27 W	155.01	200.57	320.61	0.23
9000.00	0.78	55.80	50.00	8989.82	155.43 N	126.70 W	155.43	200.53	320.81	0.15
9050.00	0.88	52.06	50.00	9039.81	155.85 N	126.12 W	155.85	200.49	321.02	0.23
9100.00	0.80	59.20	50.00	9089.80	156.27 N	125.51 W	156.27	200.43	321.23	0.26
9150.00	0.83	61.12	50.00	9139.80	156.62 N	124.90 W	156.62	200.33	321.43	0.08
9200.00	0.92	70.29	50.00	9189.79	156.93 N	124.20 W	156.93	200.14	321.64	0.33
9250.00	0.65	73.05	50.00	9239.79	157.15 N	123.55 W	157.15	199.90	321.83	0.55
9300.00	0.62	76.03	50.00	9289.79	157.30 N	123.02 W	157.30	199.69	321.97	0.09
9350.00	0.60	85.24	50.00	9339.78	157.39 N	122.50 W	157.39	199.44	322.11	0.20
9400.00	0.44	92.61	50.00	9389.78	157.40 N	122.04 W	157.40	199.17	322.21	0.35
9450.00	0.22	103.81	50.00	9439.78	157.37 N	121.76 W	157.37	198.97	322.27	0.46
9500.00	0.31	135.35	50.00	9489.78	157.25 N	121.57 W	157.25	198.76	322.29	0.34
9525.00	0.25	154.43	25.00	9514.78	157.15 N	121.50 W	157.15	198.64	322.29	0.44

Survey Ref: Well Head Closure Ref: Well Head Vert Sect Ref: Well Head
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