

DAILEY INTERNATIONAL INC.

YATES PETROLEUM
PRESTON FEDERAL #25
RUDY 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')
6550.00	6.58	359.66	50.00	6546.61	34.13 N	67.50 W	34.13	75.64	296.82	6.69
6600.00	9.14	358.87	50.00	6596.14	40.97 N	67.60 W	40.97	79.05	301.22	5.12
6650.00	8.00	352.98	50.00	6645.58	48.39 N	68.10 W	48.39	83.55	305.40	2.87
6700.00	7.34	348.12	50.00	6695.14	54.97 N	69.19 W	54.97	88.37	308.47	1.85
6750.00	6.77	341.97	50.00	6744.76	60.90 N	70.76 W	60.90	93.36	310.72	1.89
6800.00	6.71	340.86	50.00	6794.41	66.46 N	72.63 W	66.46	98.45	312.46	0.29
6850.00	6.66	341.69	50.00	6844.07	71.97 N	74.49 W	71.97	103.58	314.01	0.22
6900.00	7.02	341.38	50.00	6893.72	77.62 N	76.38 W	77.62	108.90	315.46	0.72
6950.00	7.55	342.59	50.00	6943.31	83.65 N	78.34 W	83.65	114.61	316.88	1.10
7000.00	7.93	344.81	50.00	6992.86	90.12 N	80.23 W	90.12	120.65	318.32	0.97
7050.00	8.02	344.24	50.00	7042.37	96.80 N	82.08 W	96.80	126.91	319.71	0.24
7100.00	7.37	341.98	50.00	7091.92	103.21 N	84.02 W	103.21	133.08	320.85	1.43
7150.00	6.11	338.60	50.00	7141.58	108.73 N	85.98 W	108.73	138.62	321.67	2.64
7200.00	5.21	338.30	50.00	7191.33	113.32 N	87.79 W	113.32	143.35	322.24	1.80
7250.00	4.85	336.59	50.00	7241.14	117.37 N	89.47 W	117.37	147.58	322.68	0.78
7300.00	3.96	328.43	50.00	7290.99	120.73 N	91.29 W	120.73	151.36	322.91	2.46
7350.00	3.68	322.33	50.00	7340.88	123.42 N	93.25 W	123.42	154.69	322.93	0.70
7400.00	3.36	319.97	50.00	7390.79	125.82 N	95.17 W	125.82	157.76	322.89	0.70
7450.00	3.20	316.61	50.00	7440.70	127.95 N	97.07 W	127.95	160.61	322.81	0.50
7500.00	2.96	311.05	50.00	7490.63	129.81 N	99.01 W	129.81	163.26	322.67	0.77
7550.00	3.01	309.71	50.00	7540.56	131.50 N	100.99 W	131.50	165.80	322.48	0.17
7600.00	3.08	308.02	50.00	7590.49	133.17 N	103.06 W	133.17	168.39	322.26	0.23
7650.00	3.15	296.66	50.00	7640.42	134.61 N	105.34 W	134.61	170.93	321.95	1.24
7700.00	3.25	295.82	50.00	7690.34	135.84 N	107.85 W	135.84	173.45	321.55	0.22
7750.00	3.14	294.84	50.00	7740.27	137.04 N	110.37 W	137.04	175.95	321.15	0.25
7800.00	2.97	293.60	50.00	7790.19	138.13 N	112.79 W	138.13	178.33	320.77	0.36
7850.00	2.58	294.35	50.00	7840.14	139.11 N	115.01 W	139.11	180.50	320.42	0.78
7900.00	2.25	293.18	50.00	7890.09	139.96 N	116.93 W	139.96	182.38	320.12	0.67
7950.00	2.07	297.14	50.00	7940.06	140.76 N	118.64 W	140.76	184.09	319.87	0.47
8000.00	1.94	300.04	50.00	7990.02	141.60 N	120.18 W	141.60	185.72	319.68	0.33
8050.00	1.75	304.65	50.00	8040.00	142.46 N	121.54 W	142.46	187.26	319.53	0.48
8100.00	1.70	305.64	50.00	8089.98	143.32 N	122.77 W	143.32	188.71	319.42	0.12
8150.00	1.59	305.60	50.00	8139.96	144.16 N	123.93 W	144.16	190.11	319.31	0.22

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