

DAILEY INTERNATIONAL INC.

YATES PETROLEUM
PRESTON FEDERAL #25
KIOWA 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')
1600.00	0.83	86.28	50.00	1599.84	10.16 N	15.01 E	10.16	18.13	55.91	0.30
1650.00	0.87	78.50	50.00	1649.84	10.26 N	15.74 E	10.26	18.79	56.91	0.24
1700.00	0.90	84.77	50.00	1699.83	10.37 N	16.51 E	10.37	19.49	57.86	0.20
1750.00	0.72	90.64	50.00	1749.82	10.40 N	17.21 E	10.40	20.11	58.86	0.40
1800.00	0.78	84.19	50.00	1799.82	10.43 N	17.87 E	10.43	20.69	59.72	0.21
1850.00	0.81	90.12	50.00	1849.81	10.47 N	18.56 E	10.47	21.31	60.58	0.18
1900.00	0.75	87.10	50.00	1899.81	10.48 N	19.24 E	10.48	21.91	61.41	0.15
1950.00	0.79	86.55	50.00	1949.81	10.52 N	19.91 E	10.52	22.52	62.15	0.08
2000.00	0.70	94.31	50.00	1999.80	10.52 N	20.56 E	10.52	23.09	62.91	0.27
2050.00	0.78	82.90	50.00	2049.80	10.54 N	21.20 E	10.54	23.67	63.57	0.33
2100.00	0.81	92.68	50.00	2099.79	10.56 N	21.89 E	10.56	24.31	64.24	0.28
2150.00	0.66	91.84	50.00	2149.79	10.54 N	22.53 E	10.54	24.87	64.94	0.30
2200.00	0.76	93.52	50.00	2199.78	10.51 N	23.15 E	10.51	25.42	65.59	0.20
2250.00	0.61	99.71	50.00	2249.78	10.44 N	23.74 E	10.44	25.94	66.26	0.33
2300.00	0.68	97.61	50.00	2299.78	10.36 N	24.30 E	10.36	26.41	66.91	0.15
2350.00	0.58	112.24	50.00	2349.77	10.22 N	24.83 E	10.22	26.85	67.62	0.38
2400.00	0.62	107.56	50.00	2399.77	10.04 N	25.32 E	10.04	27.24	68.36	0.13
2450.00	0.57	120.73	50.00	2449.77	9.84 N	25.79 E	9.84	27.60	69.13	0.29
2500.00	0.63	114.76	50.00	2499.77	9.59 N	26.26 E	9.59	27.95	69.93	0.17
2550.00	0.54	118.37	50.00	2549.76	9.37 N	26.71 E	9.37	28.31	70.68	0.19
2600.00	0.64	114.96	50.00	2599.76	9.14 N	27.17 E	9.14	28.67	71.41	0.21
2650.00	0.54	119.34	50.00	2649.76	8.90 N	27.63 E	8.90	29.03	72.14	0.22
2700.00	0.64	119.54	50.00	2699.76	8.65 N	28.08 E	8.65	29.38	72.88	0.20
2750.00	0.52	121.70	50.00	2749.75	8.39 N	28.52 E	8.39	29.73	73.60	0.24
2800.00	0.63	124.36	50.00	2799.75	8.12 N	28.94 E	8.12	30.05	74.33	0.23
2850.00	0.53	118.48	50.00	2849.75	7.85 N	29.37 E	7.85	30.40	75.03	0.23
2900.00	0.59	130.28	50.00	2899.75	7.58 N	29.77 E	7.58	30.71	75.72	0.26
2950.00	0.49	128.76	50.00	2949.74	7.28 N	30.13 E	7.28	30.99	76.42	0.20
3000.00	0.49	142.26	50.00	2999.74	6.97 N	30.43 E	6.97	31.22	77.09	0.23
3050.00	0.54	137.21	50.00	3049.74	6.63 N	30.72 E	6.63	31.42	77.82	0.13
3100.00	0.43	152.48	50.00	3099.74	6.29 N	30.96 E	6.29	31.60	78.51	0.34
3150.00	0.47	151.24	50.00	3149.74	5.95 N	31.15 E	5.95	31.71	79.19	0.08
3200.00	0.43	155.85	50.00	3199.73	5.60 N	31.32 E	5.60	31.82	79.87	0.11

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