

DAILEY INTERNATIONAL INC.

YATES PETROLEUM
PRESTON FEDERAL #25
EDDY 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')
0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00	0.00
50.00	0.14	325.32	50.00	50.00	0.05 N	0.03 W	0.05	0.06	325.32	0.28
100.00	0.13	315.32	50.00	100.00	0.14 N	0.11 W	0.14	0.18	322.15	0.05
150.00	0.10	352.71	50.00	150.00	0.22 N	0.15 W	0.22	0.27	325.40	0.16
200.00	0.12	344.37	50.00	200.00	0.32 N	0.17 W	0.32	0.36	331.26	0.05
250.00	0.17	352.54	50.00	250.00	0.44 N	0.20 W	0.44	0.48	335.85	0.11
300.00	0.30	20.77	50.00	300.00	0.64 N	0.16 W	0.64	0.66	345.80	0.34
350.00	0.29	15.64	50.00	350.00	0.88 N	0.08 W	0.88	0.89	354.76	0.06
400.00	0.44	20.70	50.00	400.00	1.18 N	0.02 E	1.18	1.18	1.02	0.31
450.00	0.44	11.00	50.00	450.00	1.55 N	0.13 E	1.55	1.56	4.63	0.15
500.00	0.51	8.14	50.00	499.99	1.96 N	0.19 E	1.96	1.97	5.64	0.15
550.00	0.61	9.25	50.00	549.99	2.44 N	0.27 E	2.44	2.46	6.26	0.20
600.00	0.81	18.15	50.00	599.99	3.04 N	0.42 E	3.04	3.07	7.88	0.46
650.00	0.95	27.34	50.00	649.98	3.75 N	0.72 E	3.75	3.81	10.90	0.40
700.00	0.99	30.76	50.00	699.97	4.49 N	1.13 E	4.49	4.63	14.17	0.14
750.00	1.07	39.55	50.00	749.97	5.22 N	1.65 E	5.22	5.47	17.56	0.35
800.00	1.11	49.95	50.00	799.96	5.89 N	2.32 E	5.89	6.33	21.49	0.40
850.00	1.07	52.05	50.00	849.95	6.49 N	3.06 E	6.49	7.17	25.24	0.11
900.00	1.02	57.55	50.00	899.94	7.01 N	3.80 E	7.01	7.98	28.46	0.22
950.00	1.07	56.12	50.00	949.93	7.51 N	4.56 E	7.51	8.79	31.28	0.11
1000.00	1.15	62.16	50.00	999.92	8.01 N	5.40 E	8.01	9.65	33.98	0.28
1050.00	1.07	75.96	50.00	1049.91	8.35 N	6.29 E	8.35	10.46	36.99	0.56
1100.00	0.93	77.94	50.00	1099.91	8.55 N	7.14 E	8.55	11.14	39.87	0.29
1150.00	0.88	75.19	50.00	1149.90	8.73 N	7.91 E	8.73	11.78	42.16	0.13
1200.00	0.97	74.99	50.00	1199.89	8.94 N	8.69 E	8.94	12.47	44.18	0.18
1250.00	0.95	81.90	50.00	1249.89	9.11 N	9.51 E	9.11	13.17	46.23	0.23
1300.00	0.89	77.17	50.00	1299.88	9.26 N	10.30 E	9.26	13.85	48.05	0.19
1350.00	0.93	73.23	50.00	1349.87	9.46 N	11.07 E	9.46	14.56	49.48	0.15
1400.00	1.00	79.12	50.00	1399.87	9.66 N	11.88 E	9.66	15.31	50.90	0.24
1450.00	0.89	81.84	50.00	1449.86	9.79 N	12.70 E	9.79	16.03	52.35	0.24
1500.00	0.87	77.61	50.00	1499.85	9.93 N	13.45 E	9.93	16.72	53.56	0.14
1550.00	0.96	81.59	50.00	1549.85	10.07 N	14.24 E	10.07	17.44	54.71	0.22

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