

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')
3250.00	0.51	162.52	50.00	3249.73	5.21 W	31.47 E	5.21	31.90	80.60	0.19
3300.00	0.47	153.89	50.00	3299.73	4.82 W	31.63 E	4.82	31.99	81.34	0.17
3350.00	0.45	167.80	50.00	3349.73	4.44 W	31.76 E	4.44	32.07	82.04	0.23
3400.00	0.53	155.32	50.00	3399.73	4.04 W	31.90 E	4.04	32.15	82.79	0.27
3450.00	0.50	181.15	50.00	3449.73	3.61 W	31.99 E	3.61	32.19	83.56	0.46
3500.00	0.66	188.66	50.00	3499.72	3.11 W	31.94 E	3.11	32.09	84.44	0.35
3550.00	0.57	189.89	50.00	3549.72	2.58 W	31.85 E	2.58	31.96	85.38	0.18
3600.00	0.75	204.14	50.00	3599.72	2.03 W	31.68 E	2.03	31.74	86.33	0.48
3650.00	0.71	203.24	50.00	3649.71	1.45 W	31.42 E	1.45	31.45	87.36	0.08
3700.00	0.79	220.85	50.00	3699.71	0.90 W	31.07 E	0.90	31.09	88.33	0.49
3750.00	0.96	220.27	50.00	3749.70	0.32 W	30.58 E	0.32	30.58	89.39	0.34
3800.00	1.02	229.26	50.00	3799.70	0.29 S	29.97 E	-0.29	29.97	90.55	0.33
3850.00	1.24	226.93	50.00	3849.69	0.95 S	29.24 E	-0.95	29.25	91.85	0.45
3900.00	1.48	232.91	50.00	3899.67	1.70 S	28.33 E	-1.70	28.38	93.44	0.56
3950.00	1.76	232.43	50.00	3949.65	2.56 S	27.20 E	-2.56	27.32	95.38	0.56
4000.00	2.11	238.44	50.00	3999.62	3.51 S	25.81 E	-3.51	26.05	97.75	0.81
4050.00	2.18	242.33	50.00	4049.59	4.44 S	24.18 E	-4.44	24.59	100.39	0.32
4100.00	2.34	244.79	50.00	4099.55	5.31 S	22.42 E	-5.31	23.04	103.33	0.37
4150.00	2.51	250.49	50.00	4149.50	6.11 S	20.46 E	-6.11	21.36	106.63	0.59
4200.00	2.58	253.92	50.00	4199.45	6.79 S	18.35 E	-6.79	19.56	110.31	0.34
4250.00	2.57	255.10	50.00	4249.40	7.39 S	16.18 E	-7.39	17.79	114.54	0.11
4300.00	2.64	253.09	50.00	4299.35	8.01 S	14.00 E	-8.01	16.13	119.79	0.23
4350.00	2.73	254.07	50.00	4349.30	8.67 S	11.75 E	-8.67	14.61	126.43	0.20
4400.00	2.67	256.63	50.00	4399.24	9.27 S	9.47 E	-9.27	13.26	134.38	0.27
4450.00	2.57	260.53	50.00	4449.19	9.72 S	7.24 E	-9.72	12.12	143.35	0.41
4500.00	2.46	263.44	50.00	4499.14	10.03 S	5.06 E	-10.03	11.24	153.22	0.34
4550.00	2.28	268.70	50.00	4549.10	10.18 S	3.00 E	-10.18	10.61	163.56	0.56
4600.00	2.02	278.83	50.00	4599.06	10.06 S	1.14 E	-10.06	10.13	173.55	0.92
4650.00	1.98	283.61	50.00	4649.03	9.73 S	0.57 W	-9.73	9.74	183.37	0.34
4700.00	1.97	284.84	50.00	4699.00	9.30 S	2.24 W	-9.30	9.57	193.55	0.09
4750.00	2.00	283.90	50.00	4748.97	8.87 S	3.92 W	-8.87	9.70	203.84	0.09
4800.00	2.02	283.72	50.00	4798.94	8.45 S	5.62 W	-8.45	10.15	213.63	0.04
4850.00	2.06	283.83	50.00	4848.91	8.03 S	7.35 W	-8.03	10.89	222.48	0.08

Survey Ref: Well Head Closure Ref: Well Head Vert Sect Ref: Well Head
Tue Oct 27 1998 12:09:47 File: YATES.DAT

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