

SCIENTIFIC DRILLING INT'L

Company: Petroleum Development Corp. Section Plane: N 0.00 W
 Declination: 0.00W Time: 12-3-90
 Filename: PDC1 Depth Units -> FEET

Calculation Method - Minimum Curvature

**** RECORD OF SURVEY ****

Measured Depth	Inc (deg)	Azimuth (deg)	TVD	T O T A L Rec Coordinates		Vertical Section	Dogleg Severity	D.S.
3000.0	0.86	S 44.79W	2999.8	19.9S	9.3W	-19.9	0.13	*GM
3100.0	0.74	S 55.87W	3099.8	20.8S	10.4W	-20.9	0.20	*GM
3200.0	0.68	S 68.00W	3199.8	21.4S	11.5W	-21.4	0.16	*GM
3300.0	0.68	S 75.16W	3299.8	21.8S	12.6W	-21.8	0.08	*GM
3400.0	0.46	S 87.19W	3399.8	22.0S	13.6W	-22.0	0.25	*GM
3500.0	0.45	N 72.44W	3499.8	21.9S	14.3W	-21.9	0.16	*GM
3583.0	0.36	S 69.70W	3582.8	21.8S	14.9W	-21.8	0.33	*GM
CLOSURE:	Distance	-	26.44					
	Direction	-	S34.29W					

REC'D - FBI

JAN 09 1991

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