FIELD NAME: WILDCAT LEASE NAME: SOUTH CULEBRA BLUFF UNIT #1

OPERATOR: DELTA DRILLING COMPANY

ADDRESS: P. O. BOX 2113, MIDLAND, TX 79702

LOCATION: 1980' FNL & 1650' FEL: SECTION 23, T23S, R29E

Measured Depth (Feet)	Course Length (Hundreds of Feet)	Angel of Incl. (Degree)	Dis. Per Hundred Feet (Sine of Angle X100)	Course Depth (Feet)	Accum. Di. (Feet)
11353	433	1	1.75	7.58	260.94
11408	55	2	3.49	19.20	280.14
11439	31	3-3/4	6.54	20.27	300.41
11479	40	4-1/2	7.85	31.40	331.81
11543	63	3	5.23	32.95	364.76
11606	64	2-3/4	4.80	30.72	395.48
11670	27	2-1/2	4.36	11.77	407.25
11754	54	2	3.49	18.45	425.70
11879	155	1-3/4	3.05	4.73	430.43
	}				

12 Brusenthan			
Signature of Authorized Representative	Signature of Authorized Representative		
J. E. Brusenhan, Operations Manager Name of Person and Title	Ron Brown, Field Projects Manager Name of Person and Title		
Delta Drilling Company Name of Company	Delta Drilling Company Name of Company		
Telephone (915) 682-4161	Telephone (915) 682-4161		
Approved by:	Approved by:		
Subscribed and sworn to before me this the	twenty-third day of October, 1978		
Notary Publi	c in and for Midland County, Texas.		