February 27, 1997

WELL NAME AND NUMBER:

LOCATION: OPERATOR:

DRILLING CONTRACTOR:

HARRIS FEDERAL #11

Sec. 26 T15S R27E READ & STEVENS

ZIADRIL, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

DEGREE AND DEPTH		DEGREE AND DEPTH		DEGREE AND DEPTH	
1.25	402'	1.00	4525'	2.75	6376'
0.75	747'	0.75	4778'	2.00	6534'
0.75	1092'	0.75	5030'	1.25	6783'
1.00	1805'	1.75	5280'	1.00	7282'
0.75	1436'	1.25	5469'	1.00	7788'
1.25	2274'	2.25	5658'	1.00	8298'
0.75	2772'	2.50	5751'	0.50	8791'
0.75	3271'	2.75	5938'	0.50	9064'
0.50	3740'	2.50	6062'		
0.75	4240'	2.50	6187'		

	Drilling Contractor: ZIADRIL, Inc.
	By:Billy Jensen
Subscribed and sworn to before me on this 27th day of F	ebruary, 1997.
My Commission Expires: December 6, 2000	
2000	Nancy A. Shelley