

WELL NAME & NUMBER Midway 5-#1

LOCATION Sec. 5, T-17-S, R-37-E 1984 2 66-15
 (Give Unit, Section, Township and Range)

OPERATOR Grand Production, 1001 NW 63RD. St., Ste. 305, Oklahoma City, OK 73116

DRILLING CONTRACTOR Grace Drilling

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:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
.50 120	.50 6265	4.25 9549	
.25 813	1.00 6695	5.00 9596	
1.00 1668	1.00 6967	4.25 9622	
.25 2441	1.50 7281	4.00 9726	
1.50 2903	1.50 7400	3.50 9807	
1.75 3204	1.75 7800	3.75 9899	
.75 3551	1.75 7980	3.75 9962	
1.00 3789	1.00 8107	3.00 10,051	
.75 4024	1.25 8350	3.00 10,175	
1.00 4475	1.00 8528	2.50 10,298	
1.00 4695	1.00 8740	1.75 10,462	
1.00 5000	1.00 9003	.75 10,637	
.75 5310	2.50 9278	.75 10,729	
.50 5589	3.00 9330	3.00 11,075	
.50 5895	3.25 9391		

Drilling Contractor Grace Drilling

By [Signature]

Subscribed and sworn to before me this 20 day of November, 1990

[Signature]
 Notary Public

My Commission Expires 10-1-91

Ector County Texas