

WELL NAME AND NUMBER Astec Federal 14 No. 1
 LOCATION 1830' FSL & 1900' FSL, Sec. 14, T-20-S, R-34-E, Lea County, New Mexico
 OPERATOR Southwestern Natural Gas, Inc. JUN 27 3 52 PM '69
 DRILLING CONTRACTOR McVay Drilling Company

DEVIATION TFS'S

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
1 1/2 @ 230'	1 1/4 @ 5351'
3/4 @ 675	1/2 @ 5812
1/4 @ 505	1 @ 6275
3/4 @ 896	1 1/4 @ 6650
1/2 @ 1115	1 1/4 @ 7150
1/2 @ 1241	1 @ 8220
1/4 @ 1460	1 1/4 @ 8965
1/4 @ 1616	1 1/4 @ 9620
1 @ 2015	1 1/4 @ 10060
1/2 @ 2267	1 1/4 @ 10620
1 @ 2732	3/4 @ 11175
2 3/4 @ 2983	3/4 @ 11795
2 3/4 @ 3140	1/4 @ 12150
3 @ 3229	1/2 @ 12400
2 3/4 @ 3292	0 @ 12540
2 3/4 @ 3385	1/2 @ 12790
2 @ 3416	1 @ 13030
1 1/2 @ 3479	1 @ 13350
1 3/4 @ 3573	1 @ 13600
1 3/4 @ 3762	1 @ 13820
1 1/2 @ 4035	1 1/4 @ 14230
1 @ 4940	

Operator Affidavit:

(Note: Party making affidavit must strike out inapplicable phrases, and must file explanatory statement when applicable.)

Before me, the undersigned authority, on this day, personally appeared Don C. Bennett, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that ~~he is the operator of the well identified in this instrument~~ (that he is acting at the direction and on behalf of the operator of the well identified in this instrument), and that such well was not intentionally deviated from the vertical whatsoever. ~~(and that such well was deviated at random for the reason described in the attached statement).~~

Don C. Bennett
 Signature and Title of Affiant

Sworn and Subscribed to before me, this the 8 day of July, 19 69.

Ann M. Chedding
 Notary Public in and for Midland County, Texas.

II. INCLINATION SURVEYS

A. Requirement of

1. An inclination survey made by persons or concerns approved by the Commission shall be filled on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when as a result of any operation the course of the well is changed.

a. The first shot point of such inclination survey shall be made at a depth not greater than 500 feet below the surface of the ground and succeeding shot points shall be made either at 500 foot intervals or at the nearest drill bit change thereto; but not to exceed 1000 feet apart.

2. Inclination surveys conforming to these requirements may be made either during the normal course of drilling or at such other times as may be required by the Commission.