

WELL NAME AND NUMBER: BARNSDALL FED #019

30-015-39157

LOCATION: SEC. 26, TOWNSHIP 17S, RANGE 29E NMPM; EDDY COUNTY, NEW MEXICO

(New Mexico give U, S, T, & R)

OPERATOR: **APACHE CORPORATION**

DRILLING CONTRACTOR: **AZTEC WELL SERVICING COMPANY INC.**

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

Degrees @ Depth

.5 ° @	240
1 ° @	450
1.5 ° @	744
1.4 ° @	791
1.3 ° @	1423
1.3 ° @	1675
1.4 ° @	1928
1.4 ° @	2148
1.4 ° @	2648
1.6 ° @	2900
1.4 ° @	3402
1.5 ° @	3906
1.3 ° @	4157
.8 ° @	4627
.8 ° @	5129
.8 ° @	5382

Degrees @ Depth

1.6 ° @	5900
° @	
° @	
° @	
° @	
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° @	

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NMOCD ARTESIA

DRILLING CONTRACTOR **AZTEC WELL SERVICING CO. INC.**

BY

Terri Thompson

Subscribed and sworn to before me this 2ND day of AUGUST, 2011.

My Commission Expires:

3-16-2013

[Signature]
Notary Public

San Juan County, New Mexico