

30-015-37643

WELL NAME AND NUMBER: BARNSDAL FED # 18

LOCATION: SEC. 27, 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

1 ° @	496
.5 ° @	774
.25 ° @	794
.5 ° @	1014
.25 ° @	1453
.5 ° @	1703
1 ° @	2115
1 ° @	2366
.5 ° @	2768
.85 ° @	3083
.24 ° @	3427
1 ° @	3656
1.25 ° @	4030
.75 ° @	4251
1 ° @	4630
1 ° @	4881

Degrees @ Depth

2.25 ° @	5195
2.25 ° @	5542
2.75 ° @	5826
3.15 ° @	5976
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	

DRILLING CONTRACTOR AZTEC WELL SERVICING CO. INC.

BY Terri Thompson

Subscribed and sworn to before me this 29 day of JUNE, 2011.

My Commission Expires:

3-16-2013

Luis S.

Notary Public
San Juan County, New Mexico

Received
6-29-2011