

WELL NAME AND NUMBER: Empire Abo Unit 418 30-015-39010

LOCATION: SEC. 16, TOWNSHIP 18S, RANGE 27E NMPM; EDDY COUNTY, NEW MEXICO
(New Mexico give U, S, T, & R)

UL "B"

1110' FNL + 1625' FEL

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

.6 ° @	558
.9 ° @	806
2.8 ° @	1056
1.7 ° @	1306
1.1 ° @	2030
1.2 ° @	2280
.4 ° @	3033
.7 ° @	3283
.7 ° @	3790
1 ° @	4042
2.8 ° @	4545
3.7 ° @	4805
4.34 ° @	4974
4 ° @	5040
3.94 ° @	5167
4.18 ° @	5261

Degrees @ Depth

3.51 ° @	5356
3.1 ° @	5470
3.27 ° @	5628
2.94 ° @	5755
3.18 ° @	5911
2.9 ° @	6263
° @	
° @	
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° @	
° @	

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MAR 12 2012

NMOCD ARTESIA

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

BY

Lauri Thompson

Subscribed and sworn to before me this ___17th___ day of ___February___, 2012.

My Commission Expires:

3/16/2013

Luis Ayala
Notary Public

San Juan County, New Mexico