

WELL NAME AND NUMBER: Empire Abo Unit 400

30-015-39072

LOCATION: SEC. 33, TOWNSHIP 17S, RANGE 28E NMPM; EDDY COUNTY, NEW MEXICO  
(New Mexico give U, S, T, & R)

OPERATOR: **APACHE CORPORATION**

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

The undersigns 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

.90 ° @	495
1 ° @	774
1.1 ° @	1025
.8 ° @	1276
1 ° @	1781
1.1 ° @	2034
.7 ° @	2535
1 ° @	2789
.6 ° @	3040
.6 ° @	3292
.6 ° @	3541
1.1 ° @	3795
1.5 ° @	4297
2.3 ° @	4550
1.8 ° @	4800
3.1 ° @	5083

Degrees @ Depth

2.9 ° @	5145
2.4 ° @	5674
3.1 ° @	5925
2.7 ° @	6271
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	

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

BY

Terri Thompson

Subscribed and sworn to before me this 28th day of October, 2011.

My Commission Expires:

3-16-13

[Signature]  
Notary Public

San Juan County, New Mexico