

HOBBS OCD

30-015-39012

DEC 09 2011

WELL NAME AND NUMBER: Empire Abo Unit 420

RECEIVED

LOCATION: ²⁶SEC. 23, 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

2.1 ° @	558
1.3 ° @	805
1.5 ° @	1056
.3 ° @	1557
.7 ° @	1810
.9 ° @	2312
.8 ° @	2815
.2 ° @	3066
.2 ° @	3569
1 ° @	4070
.8 ° @	4322
1 ° @	4575
.7 ° @	4827
1.8 ° @	5080
2. ° @	5333
2.7 ° @	5586

Degrees @ Depth

1.5 ° @	5959
2.1 ° @	6085
1.2 ° @	6334
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	
° @	

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

John Lopez
Notary Public

San Juan County, New Mexico