

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

30-015-39801

Well Name and Num: Hanagan APL Fed Com 3H

Location: Sec 31, T19S, R30E

Operator: Yates

Drilling Contractor: McVay Drilling Company

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

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
1.00	297	1.80	6024	91.17	11100
0.32	495	1.60	6238	90.31	11290
0.43	758	1.50	6677	89.43	11761
0.75	1007	2.00	7100	87.58	11950
0.77	1347	1.70	7360	87.78	12139
0.69	1598	1.23	7846	90.04	12610
0.35	1849	21.46	8117	88.46	12704
0.38	2317	27.52	8212	91.54	12967
1.09	2602	39.71	8306		
1.05	3102	63.22	8463		
1.11	3356	82.66	8620		
0.60	3584	91.10	8840		
0.20	3821	87.58	9217		
0.90	4292	88.90	9781		
0.80	4546	91.54	10064		
0.90	5048	88.11	10534		
0.40	5519	89.33	10818		

By: *H. H. C. [Signature]*

Subscribed and sworn to before me this 21 day of February, 2014

Tina Flanders
Notary Public, Lea County, New Mexico

