

**McVAY DRILLING COMPANY**

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

HOBBS OCD
AUG 25 2017
RECEIVED

Well Name and Num: Windward Federal #12H
Location: Sec 30, T24S, R32E
Operator: COG
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>	<u>Degrees @</u>	<u>Depth</u>
0.70	385	0.90	6816	87.32	14204		
1.60	751	1.20	7004	92.14	14679		
1.10	1122	0.70	7380	89.85	15155		
1.60	1494	0.90	8136	93.86	15631		
1.80	1873	1.00	8571	89.37	16011		
0.90	2251	39.17	9030	91.58	16459		
1.30	2629	82.80	9455	89.87	16962		
1.30	3008	90.55	9833	88.53	17819		
1.60	3387	89.23	10322	89.40	18295		
1.10	3766	92.61	10794	88.75	18675		
0.80	4145	92.34	11177	88.53	18865		
0.50	4523	90.80	11454	88.39	18960		
0.80	4925	87.00	11926				
1.10	5304	89.01	12398				
0.90	5683	86.85	12775				
0.90	6060	90.24	13252				
0.80	6438	90.15	13728				

By: Mario A. Benavente

Subscribed and sworn to before me this 24th day of June, 2017

Tina Flemens
Notary Public, Lea County, New Mexico

