



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

30-025-39960

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APR 13 2011

HOBBSUCD

Well Name and Num: Citation X Fed Com 1H
Location: Sec. 8, T19S, 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>
0.65	355	2.56	6059	90.14	9714
0.51	687	2.46	6243	89.08	10030
0.90	1015	2.17	6388	89.78	10221
0.62	1362	1.78	6574	89.16	10597
0.60	1737	1.48	6864	90.66	10968
3.87	2181	2.26	7362	90.13	11277
3.85	2235	1.75	7645	91.28	11585
3.87	2337	1.85	7958	90.37	11708
3.43	2542	1.85	7981	88.72	11832
2.29	2604	3.17	8044	87.67	12141
1.43	3107	33.15	8266	91.10	12398
1.23	3697	42.74	8361	88.55	12698
0.80	4201	54.17	8488	89.43	12929
0.79	2702	72.98	8647		
0.99	4706	82.31	8742		
1.18	5210	84.42	8764		
2.11	5714	89.60	9209		

COG OPERATING LLC

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DEC 22 2010

ARTESIA WEST

By: Hedley Curren

Subscribed and sworn to before me this 24th day of December, 2010

Tina FLEMENS
Notary Public, Lea County, New Mexico

