

**McVAY DRILLING COMPANY**

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

COG OPER, LLC

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MAR 03 2014

ARTESIA WEST

Well Name and Num: Coinflip State 2H
Location: Sec 18, T20S, R30E
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:

30-015-41937

Degrees @	Depth	Degrees @	Depth
0.60	403	1.60	6838
3.20	1032	2.80	7313
3.20	1347	1.80	7793
3.30	1442	13.20	7952
3.80	1752	26.50	8112
3.60	2100	44.70	8535
3.60	2386	83.40	8749
5.20	2533	90.70	9035
2.80	2804	86.90	9321
2.30	3151	90.00	9795
1.60	3573	89.10	10175
0.50	4073	90.40	10534
0.80	4540	89.80	10838
0.90	5035	89.70	11217
1.10	5511	88.70	11597
0.80	5980	9.80	12197
0.50	6488		

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 31 2014

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By: H. H. [Signature]Subscribed and sworn to before me this 28th day of February, 2014Tina Flemens
Notary Public, Lea County, New Mexico