

WELL NAME AND NUMBER Rig #8 Sharp Nose Fed #1LOCATION Section 13, T20S, R33E, Lea County  
(Give Unit, Section, Township and Range)OPERATOR Collins & Ware IncDRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby 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:

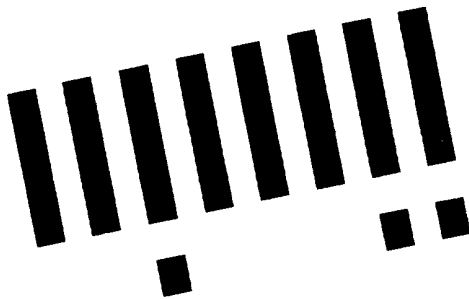
| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
|------------------------|------------------------|------------------------|

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| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
| <u>1 1/4 209</u>       | <u>1 1/2 3,153</u>     | <u>1-3/4 6,874</u>     |
| <u>1 1/2 460</u>       | <u>1-3/4 3,293</u>     | <u>1 1/2 7,062</u>     |
| <u>3/4 616</u>         | <u>1 3,478</u>         | <u>3/4 7,252</u>       |
| <u>1/2 925</u>         | <u>1 3,664</u>         | <u>1 7,501</u>         |
| <u>1/2 1,126</u>       | <u>1 3,911</u>         | <u>1 1/2 7,749</u>     |
| <u>1-3/4 1,386</u>     | <u>1/2 4,159</u>       | <u>1 1/4 7,999</u>     |
| <u>1 1,479</u>         | <u>1/4 4,251</u>       | <u>1/2 8,249</u>       |
| <u>1/2 1,663</u>       | <u>3/4 4,490</u>       | <u>1/2 8,595</u>       |
| <u>1 1,849</u>         | <u>1-3/4 4,860</u>     | <u>1 1/4 8,913</u>     |
| <u>3/4 2,034</u>       | <u>1 5,016</u>         | <u>1 1/4 9,226</u>     |
| <u>1 1/2 2,216</u>     | <u>1 5,240</u>         | <u>1-3/4 9,445</u>     |
| <u>1 2,495</u>         | <u>3/4 5,466</u>       | <u>1 1/2 9,696</u>     |
| <u>2 1/4 2,864</u>     | <u>1 1/2 5,715</u>     | <u>1 1/4 10,010</u>    |
| <u>3 2,971</u>         | <u>1 1/4 5,903</u>     | <u>1 1/2 10,324</u>    |
| <u>2 3,017</u>         | <u>1 6,248</u>         | <u>3/4 10,604</u>      |
|                        | <u>3/4 6,562</u>       | <u>3/4 10,919</u>      |

Drilling Contractor McVay Drilling CompanyBy: Jim Hlyar Jr.Subscribed and sworn to before me this 21st day of January, 19 92Thelma Jean Overight  
Notary PublicMy Commision Expires: 12/27/95Lea County New Mexico

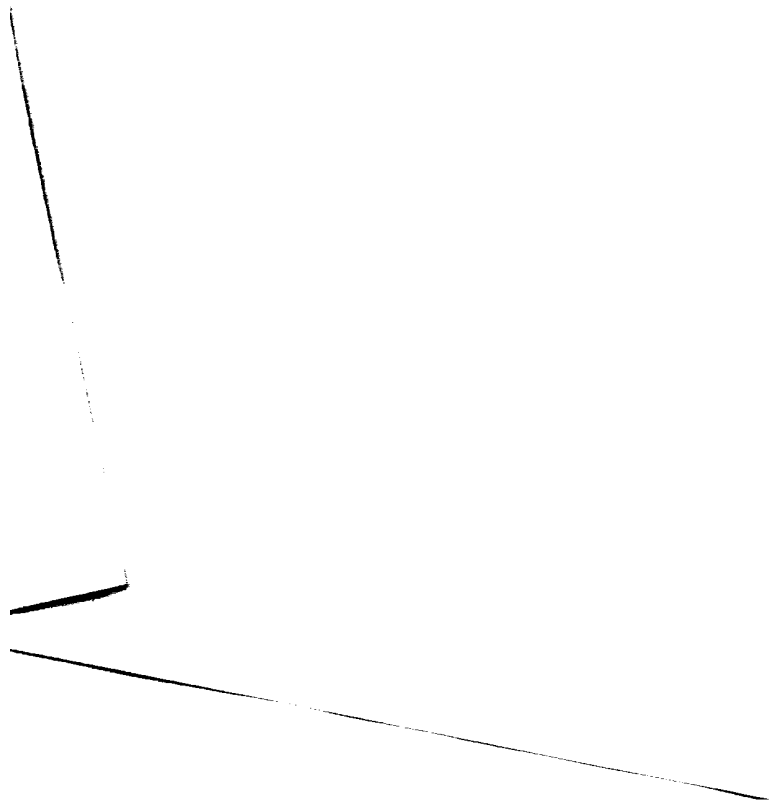


**LTR**



**Job separation sheet**





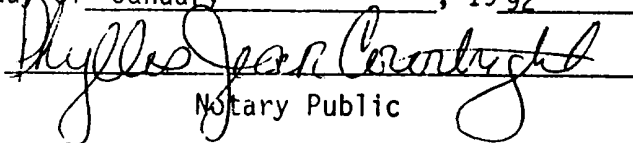
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Page 2

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| <u>Degrees @ Depth</u>              | <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      |
|-------------------------------------|-----------------------------|-----------------------------|
| <u>3/4 10,919</u>                   | <u>                    </u> | <u>                    </u> |
| <u>1/4 11,227</u>                   | <u>                    </u> | <u>                    </u> |
| <u>1/2 11,566</u>                   | <u>                    </u> | <u>                    </u> |
| <u>1/2 12,000</u>                   | <u>                    </u> | <u>                    </u> |
| <u>3/4 12,461</u>                   | <u>                    </u> | <u>                    </u> |
| <u><del>1XXXXXXXXXX12,547</del></u> | <u>                    </u> | <u>                    </u> |
| <u>1/4 12,756</u>                   | <u>                    </u> | <u>                    </u> |
| <u>1-1/4 13,441</u>                 | <u>                    </u> | <u>                    </u> |
| <u>1 13,750</u>                     | <u>                    </u> | <u>                    </u> |
| <u>                    </u>         | <u>                    </u> | <u>                    </u> |
| <u>                    </u>         | <u>                    </u> | <u>                    </u> |
| <u>                    </u>         | <u>                    </u> | <u>                    </u> |
| <u>                    </u>         | <u>                    </u> | <u>                    </u> |
| <u>                    </u>         | <u>                    </u> | <u>                    </u> |
| <u>                    </u>         | <u>                    </u> | <u>                    </u> |
| <u>                    </u>         | <u>                    </u> | <u>                    </u> |

Drilling Contractor McVay Drilling CompanyBy: Subscribed and sworn to before me this 21st day of January, 1992  
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