

M. & R. Oil Co. - No. D1 Redetzke  
 Approx. NE NW NW Section 10-16S-11W, Barton County, Kansas

|         |                     |
|---------|---------------------|
| 1400-10 | 3-1-1-1-1-1-1-1-1-1 |
| 20      | 1-1-2-1-1-2-1-1-2-2 |
| 30      | 1-1-2-2-2-2-2-2-2-1 |
| 40      | 1-2-1-1-1-1-2-2-3-4 |
| 50      | 2-2-2-1-1-1-2-1-1-1 |
| 60      | 1-2-1-1-1-4-3-3-4-3 |
| 70      | 2-2-2-2-2-3-3-3-3-3 |
| 80      | 2-2-2-1-1-1-2-1-1-2 |
| 90      | 1-1-1-3-3-4-4-2-1-1 |
| 90-1500 | 2-3-2-3-3-1-2-1-2-1 |

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| 1500-10 | 1-1-1-1-1-1-1-1-2-1 |
| 20      | 1-2-2-2-1-2-1-1-2-2 |
| 30      | 2-2-1-1-2-3-4-4-3-2 |
| 40      | 2-3-4-3-2-2-2-2-2-4 |
| 50      | 3-3-3-3-2-2-2-2-2-2 |
| 60      | 2-2-3-1-2-1-2-2-1-2 |
| 70      | 1-2-3-2-2-2-2-2-3-4 |
| 80      | 2-2-2-2-2-2-2-2-1-2 |
| 90      | 2-2-2-1-2-2-2-3-5-6 |
| 90-1600 | 5-4-3-3-2-2-2-2-2-3 |

Circ. @ 1556 (20 min.)

|         |                     |
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| 1600-10 | 4-3-3-4-3-2-3-3-3-4 |
| 20      | 3-3-2-2-3-1-1-2-2-2 |
| 30      | 2-2-3-2-3-2-2-3-3-2 |
| 40      | 2-3-3-2-3-3-3-3-3-3 |
| 50      | 3-4-3-1-2-1-1-1-4-5 |
| 60      | 2-3-1-2-3-4-5-4-3-1 |
| 70      | 1-1-1-1-1-2-2-3-4-5 |
| 80      | 3-4-3-3-4-2-1-3-2-1 |
| 90      | 1-3-3-3-4-1-1-3-3-4 |
| 90-1700 | 2-2-1-2-2-1-1-1-1-1 |

Circ. @ 1678 (20 min.)  
 Trip @ 1685

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| 1700-10 | 1-1-1-1-1-1-1-1-1-1 |
| 20      | 1-1-1-1-1-1-1-1-1-1 |
| 30      | 1-1-1-1-2-1-1-1-1-1 |
| 40      | 2-1-2-2-3-1-2-2-2-2 |
| 50      | 1-1-2-1-1-1-1-1-1-1 |
| 60      | 1-1-1-2-1-1-1-2-1-1 |
| 70      | 1-1-1-1-1-2-3-4-4-4 |
| 80      | 4-4-3-4-3-3-3-3-3-3 |
| 90      | 3-2-2-2-3-3-2-2-3-2 |
| 90-1800 | 2-2-1-1-2-3-3-3-2-1 |

Circ. @ 1735 (20 min.)

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| 1800-10 | 1-1-1-3-2-3-3-4-4-4    |             |
| 20      | 4-4-3-3-3-3-3-4-3-3    |             |
| 30      | 3-3-4-3-2-3-3-2-2-4    |             |
| 40      | 2-2-2-4-5-4-4-5-4-3    |             |
| 50      | 3-2-4-6-7-6-6-7-7-7    |             |
| 60      | 3-3-3-2-3-3-7-9-7-8    |             |
| 70      | 7-7-6-7-5-4-4-4-5-5    |             |
| 80      | 5-5-5-4-4-5-5-4-5-7    |             |
| 90      | 7-6-6-6-6-6-7-6-4-4    |             |
| 90-1900 | 5-6-4-8-5-3-4-3-4-4    |             |
| 1900-10 | 3-4-7-5-4-5-6-7-6-4    |             |
| 20      | 5-5-4-6-6-4-3-3-4-3    |             |
| 30      | 4-2-2-2-3-1-2-1-3-7    |             |
| 40      | 4-6-5-4-6-8-5-2-2-2    |             |
| 50      | 2-2-5-8-7-6-6-4-3-5    |             |
| 60      | 7-5-3-3-3-3-4-3-2-4    |             |
| 70      | 5-6-5-5-6-7-6-7-5-6    |             |
| 80      | 6-5-3-2-1-2-3-4-7-8    |             |
| 90      | 10-12-4-6-8-6-5-6-7-12 |             |
| 90-2000 | 3-3-1-2-4-1-1-2-2-1    | Trip @ 1990 |
| 2000-10 | 2-2-1-1-1-1-1-1-1-1    |             |
| 20      | 1-1-1-1-2-3-2-2-1-1    |             |
| 30      | 1-1-1-1-1-1-2-3-3-3    |             |
| 40      | 3-2-2-2-3-3-3-2-3-2    |             |
| 50      | 3-3-2-3-2-1-1-1-2-3    |             |
| 60      | 3-3-3-2-3-3-3-3-2-2    |             |
| 70      | 3-1-3-2-2-2-2-2-2-3    |             |
| 80      | 3-2-2-3-3-3-2-2-2-1    |             |
| 90      | 1-2-2-2-2-2-2-2-2-2    |             |
| 90-2100 | 1-2-1-1-2-2-2-1-2-2    |             |
| 2100-10 | 2-2-3-3-3-3-2-2-2-3    |             |
| 20      | 3-2-2-2-3-2-2-1-1-1    |             |
| 30      | 2-3-3-2-2-2-2-2-2-2    |             |
| 40      | 2-3-3-2-1-2-1-3-3-4    |             |
| 50      | 3-3-2-3-3-2-3-3-3-2    |             |
| 60      | 3-2-2-3-3-2-2-2-2-2    |             |
| 70      | 3-3-3-3-3-3-3-3-4-4    |             |
| 80      | 3-3-5-5-5-3-2-2-2-2    |             |
| 90      | 2-2-2-3-2-3-3-2-2-2    |             |
| 90-2200 | 2-2-2-4-6-2-4-3-3-3    |             |

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| 2200-10 | 2-2-2-2-3-2-2-3-3-2 |
| 20      | 2-2-3-3-2-2-3-3-3-3 |
| 30      | 2-3-3-3-3-2-2-3-3-3 |
| 40      | 3-4-3-2-4-5-5-3-3-3 |
| 50      | 3-3-3-3-3-2-2-3-3-4 |
| 60      | 2-2-3-3-2-2-4-4-4-5 |
| 70      | 4-3-2-3-2-2-2-2-2-3 |
| 80      | 3-3-3-2-2-3-2-2-2-3 |
| 90      | 2-2-2-3-2-3-3-2-3-3 |
| 90-2300 | 2-3-2-3-3-3-4-3-3-2 |

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| 2300-10 | 5-3-3-2-3-3-3-2-3-3 |
| 20      | 5-4-4-2-2-2-3-3-3-2 |
| 30      | 3-2-2-3-3-4-2-2-2-2 |
| 40      | 2-3-3-2-2-3-3-3-2-2 |
| 50      | 3-3-2-2-2-3-2-3-2-2 |
| 60      | 2-2-2-2-2-2-2-2-2-2 |
| 70      | 3-4-3-3-3-3-2-3-3-3 |
| 80      | 3-3-2-3-3-3-3-4-2-2 |
| 90      | 2-3-3-3-4-3-2-3-3-3 |
| 90-2400 | 2-1-3-3-5-4-3-2-4-3 |

|         |                     |
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| 2400-10 | 2-3-4-5-4-4-3-3-3-2 |
| 20      | 4-2-2-2-2-2-1-1-1-1 |
| 30      | 2-2-2-2-3-2-3-2-2-2 |
| 40      | 2-2-2-3-3-3-3-2-2-2 |
| 50      | 3-2-2-3-5-5-2-2-4-2 |
| 60      | 3-3-4-4-4-4-4-3-4-4 |
| 70      | 5-5-5-4-2-3-2-3-2-4 |
| 80      | 5-5-6-5-5-2-2-4-3-2 |
| 90      | 3-4-3-3-4-2-4-3-3-3 |
| 90-2500 | 2-3-3-2-3-5-6-3-6-5 |

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| 2500-10 | 3-4-4-4-4-4-5-5-3-3 |
| 20      | 2-3-3-2-3-2-2-2-5-6 |
| 30      | 5-4-4-3-1-3-3-4-3-2 |
| 40      | 2-3-2-2-3-2-3-3-2-3 |
| 50      | 2-3-3-2-1-3-2-2-2-2 |
| 60      | 1-2-2-2-1-2-2-2-2-2 |
| 70      | 1-2-1-1-1-2-2-2-2-2 |
| 80      | 3-3-2-2-3-2-2-3-2-3 |
| 90      | 2-2-3-3-3-7-5-4-5-3 |
| 90-2600 | 3-3-2-2-3-1-2-4-4-5 |

Trip # 2505

|         |                             |
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| 2600-10 | 5-7-3-3-3-6-6-4-4-4         |
| 20      | 6-5-4-2-2-4-5-3-4-6         |
| 30      | 5-5-5-5-4-5-5-4-3-4         |
| 40      | 5-6-8-7-6-6-7-5-4-5         |
| 50      | 5-4-4-3-4-4-4-4-3-5         |
| 60      | 5-5-4-3-3-3-4-3-4-3         |
| 70      | 4-4-2-2-3-4-4-4-5-6         |
| 80      | 6-7-7-8-5-7-5-5-4-4         |
| 90      | 4-4-5-5-3-4-5-4-5-6         |
| 90-2700 | 6-5-5-5-6-4-3-3-2-1         |
| 2700-10 | 2-1-3-2-3-4-3-4-4-5         |
| 20      | 9-8-5-4-6-9-6-7-6-6         |
| 30      | 6-5-5-5-8-4-5-4-7-8         |
| 40      | 7-5-8-6-4-5-7-4-3-4         |
| 50      | 2-4-3-2-4-2-4-4-6-5         |
| 60      | 5-4-5-5-3-2-6-6-7-5         |
| 70      | 4-7-4-4-3-5-3-7-8-7         |
| 80      | 6-9-6-4-3-4-3-3-2-2         |
| 90      | 2-3-2-4-8-6-6-4-3-5         |
| 90-2800 | 5-7-7-7-6-7-5-7-6-8         |
| 2800-10 | 5-6-6-8-10-8-10-9-9-11      |
| 20      | 8-11-11-6-5-6-9-8-8-12      |
| 30      | 14-13-12-11-11-9-10-10-10-9 |
| 40      | 11-9-9-10-16-3-6-6-5-6      |
| 50      | 7-6-6-7-7-6-5-6-4-5         |
| 60      | 7-8-8-7-6-5-8-9-8-9         |
| 70      | 7-5-6-8-8-7-5-8-9-7         |
| 80      | 6-7-6-6-5-6-7-4-5-4         |
| 90      | 5-7-7-5-8-8-8-9-8-7         |
| 90-2900 | 7-6-6-7-7-9-7-7-7-7         |
| 2900-10 | 6-6-6-3-3-5-5-6-5-6         |
| 20      | 8-7-7-7-4-3-2-2-5-10        |
| 30      | 7-6-6-4-3-3-4-4-3-4         |
| 40      | 4-3-3-5-7-7-4-4-5-5         |
| 50      | 4-8-8-8-5-3-2-2-3-2         |
| 60      | 4-4-3-3-4-3-3-4-3-4         |
| 70      | 4-4-4-4-4-5-3-4-4-4         |
| 80      | 5-4-3-3-2-3-3-3-4-3         |
| 90      | 3-3-3-3-3-4-3-3-3-3         |
| 90-3000 | 3-4-3-2-4-3-3-3-3-3         |

3000-10 3-4-4-4-4-6-6-6-9-7  
 20 6-6-7-6-8-7-8-6-6-5  
 30 6-5-6-8-7-10-8-6-13-9  
 40 10-10-11-10-8-9-9-9-7-9  
 50 10-8-11-10-10-10-9-8-11-11  
 60 9-5-6-7-9-12-10-3-2-4  
 70 11-14-10-4-5-4-5-5-5-5-  
 80 6-9-4-8-6-4-10-9-8-9  
 90 5-8-5-5-7-8-6-5-4-5  
 90-3100 6-9-9-7-4-3-3-3-3-3

Circ. @ 3100 (30 min.)

3100-10 6-3-6-4-3-4-5-5-7-5  
 20 5-8-6-6-4-4-5-4-4-4  
 30 5-5-3-1-1-5-4-1-4-4  
 40 1-2-6-2-4-5-2-3-4-3  
 50 7-9-9-8-8-7-9-10-9-11  
 60 9-7-8-13-11-3-14-7-10-9  
 70 8-5-6-8-7-6-8-6-7-10  
 80 10-9-10-10-11-9-10-13-8-7  
 90 6-8-10-11-13-15-11-12-11-8  
 90-3200 10-6-10-11-9-6-2-1-1-3

Circ. @ 3167

3200-10 3-3-7-10-9-6-7-3-3-3  
 20 4-6-7-6-7-8-8-6-7-6  
 30 6-8-6-5-9-6-8-4-6-6  
 40 6-5-4-4-4-4-6-9-8-8  
 50 7-7-7-8-9-7-6-10-6-5  
 60 7-9-8-8-9-7-6-6-6-5  
 70 7-8-8-6-5-5-7-5-5-5  
 80 8-4-8-8-7-6-9-8-6-7  
 90 8-9-8-11-10-9-8-9-6-5  
 90-3300 4-4-4-4-7-6-5-7-9-5

Circ. for DST #2 @ 3205  
 Circ. after DST

3300-10 7-8-5-5-5-7-5-4-5-6  
 20 8-6-7-6-6-6-6-5-5-6  
 30 6-6-6-3-2-2-3-6-6-5  
 40 6-6-3-3-4-5-3-6-5-4  
 50 4-5-8-7-9-8-18-19-16-7  
 54 5-4-2-4

Circ. @ 3320 Circ. @ 3327  
 for DST  
 Circ. @ 3340  
 Circ. @ 3345 Circ. &  
 Circ. for Trip @ 3349  
 DST @ 3354