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| Customer <i>Woolsey Operating</i> | Lease No. | Date <i>9-5-13</i> | |
| Lease <i>Condiff</i> | Well # <i>A-1</i> | | |
| Field Order # <i>9008</i> | Station <i>Pratt</i> | Casing <i>5 7/8</i> | Depth <i>5442</i> |
| Type Job <i>CNW - 5 1/2 L.S.</i> | | Formation | Legal Description <i>25-34-13</i> |
| County <i>Barber</i> | State <i>KS</i> | | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-----------------------------|--------------|------------------|----|--|------------|------------------|------------------|--|
| Casing Size <i>5 7/8</i> | Tubing Size | Shots/Ft | | Acid <i>50SKS 60/40POZ 1.37</i> | RATE | PRESS | ISIP | |
| Depth <i>5442</i> | Depth | From | To | Pre Pad <i>130SKS AA2 (cont) 1.68</i> | Max | | 5 Min. | |
| Volume <i>129.5</i> | Volume | From | To | Pad <i>50SKS RH/mH 60/40POZ</i> | Min | | 10 Min. | |
| Max Press | Max Press | From | To | Frac | Avg | | 15 Min. | |
| Well Connection | Annulus Vol. | From | To | | HHP Used | | Annulus Pressure | |
| Plug Depth | Packer Depth | From | To | Flush <i>128.5</i> | Gas Volume | | Total Load | |

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|--|---|---|
| Customer Representative <i>Mike Sharp</i> | Station Manager <i>Kevin Goodley</i> | Treater <i>Steve Orlando / Robert Sullivan</i> |
|--|---|---|

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|---|--|--|--|--|--|
| Service Units <i>27283 37900 33708 20920 19826 19860</i> | | | | | |
| Driver Names <i>Osborn Sullivan McBraw Melhorn</i> | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|----------------|-----------------|-----------------|--------------|----------|--|
| <i>1:00 AM</i> | | | | | <i>On location Safety Meeting</i> |
| | | | | | <i>Run 130 JIS 5 1/2 15.5# casing</i> |
| | | | | | <i>Cent 1-2-3-4-7-10-12-13-14-15-16-17</i> |
| | | | | | <i>breakers 12-17 JIS every 10'</i> |
| | | | | | <i>S.S. 39.29' Circulate 1/2 way in</i> |
| <i>8:30</i> | | | | | <i>Casing on Bottom Break Line w/ KIS</i> |
| | <i>400</i> | | <i>12</i> | <i>5</i> | <i>Mix 50SKS 60/40POZ @ 14#</i> |
| | <i>400</i> | | <i>38.8</i> | <i>5</i> | <i>Mix 130SKS Class H @ 14.3# Gal</i> |
| | | | | | <i>Clear pump + Line Release plug</i> |
| | <i>0</i> | | <i>0</i> | <i>6</i> | <i>Start H2O Displacement w/ 29% KCL</i> |
| | <i>500</i> | | <i>90</i> | <i>5</i> | <i>Lift Pressure</i> |
| | <i>850</i> | | <i>118.5</i> | <i>4</i> | <i>Slow Rate</i> |
| <i>10:05</i> | <i>1800</i> | | <i>128.5</i> | <i>4</i> | <i>Plug Down - Hold</i> |
| | | | | | <i>Job Complete</i> |
| | | | | | <i>30SK 20SK</i> |
| | | | | | <i>Plug RH/mH with 50SKS 60/40POZ</i> |