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|---------------------------------------|-----------------------|------------------------------------|
| Customer: <i>Shelby Resources LLC</i> | Lease No. | Date: <i>5-10-14</i> |
| Lease: <i>NANCY</i> | Well #: <i>3-17</i> | |
| Field Order #: <i>10467</i> | Station: <i>Pratt</i> | Casing: <i>5 1/2</i> |
| | | Depth: <i>3511</i> |
| Type Job: <i>CRW Long string</i> | Formation | Legal Description: <i>17-17-13</i> |
| County: <i>BARTON</i> | | State: <i>KS</i> |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|---------------------------|--------------|------------------|----|-----------------------------------|------------|------------------|------------------|--|
| Casing Size: <i>5 1/2</i> | Tubing Size | Shots/Ft | | Acid: <i>100 SLS AA2</i> | RATE | PRESS | ISIP | |
| Depth: <i>3511</i> | Depth | From | To | Pre Pad: <i>100 SLS 60/40 P02</i> | Max | | 5 Min. | |
| Volume: <i>83.67</i> | Volume | From | To | Pad | Min | | 10 Min. | |
| Max Press: <i>1500</i> | Max Press | From | To | Frac | Avg | | 15 Min. | |
| Well Connection | Annulus Vol. | From | To | | HHP Used | | Annulus Pressure | |
| Plug Depth: <i>10467</i> | Packer Depth | From | To | Flush: <i>85.1</i> | Gas Volume | | Total Load | |

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| Customer Representative: <i>Chris Gottschalk</i> | Station Manager: <i>Kevin Goulet</i> | Treater: <i>MIKE MATTA</i> |
| Service Units: <i>37584</i> | <i>33708</i> | <i>20920</i> |
| Driver Names: <i>MATTA</i> | <i>ESSLING</i> | <i>ELIST</i> |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------|-----------------|-----------------|---------------------|------|--|
| 11:00 | | | | | Oil location, Safety (4000) |
| 11:25 | | | | | Run 5 1/2 14" casing, Bbls. on bottom of |
| | | | | | Traps on 1, 3, 5, 7, 9 |
| 1:05 | | | | | Casing on bottom |
| 1:10 | | | | | Hook up to casing/Brown circ w. Rig |
| 2:11 | 200 | | 3 | 5 | Pump 3 Bbls H2O |
| 2:17 | 200 | | 12 | 5 | Mix 50 SLS Seawater |
| 2:19 | 200 | | 24 | 3.5 | Mix 100 SLS AA2 |
| 2:25 | | | 4 | 3 | WASH PUMP + LINS, P.O.A.S. Plug |
| 2:28 | 100 | | | 6 | START DISPLACEMENT |
| 2:40 | 300 | | 60 | 5.5 | LIFT PRESSURE |
| 2:43 | 600 | | 75 | 4 | SLOW CAMP |
| 2:46 | 1500 | | 100 85.1 | | Plug down, P.O.A.S. + HHP |
| 2:50 | | | 7.5 | | Plug CAT + more h2o |
| | | | | | Circ. thru job |
| | | | | | JOB COMPLETE |
| | | | | | THANKS! |
| | | | | | MIKE MATTA |