

TREATMENT REPORT

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|----------------------------------|------------------------|--------------------------------------|-----------------------------------|
| Lease No. <u>G. Hall</u> | | Date <u>5-7-13</u> | |
| Well # <u>1-31</u> | | County <u>Barren</u> State <u>MS</u> | |
| Order # <u>55</u> | Station <u>Prairie</u> | Casing <u>5 1/2</u> | Depth <u>3940</u> |
| Type Job <u>CNW - 5 1/2 L.S.</u> | | Formation | Legal Description <u>31-20-15</u> |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-----------------------------|--------------|------------------|----------------|--------------------------|------------|------------------|------------------|--|
| Casing Size | Tubing Size | Shots/Ft | | Acid | RATE | PRESS | ISIP | |
| <u>5 1/2</u> | <u>5 1/2</u> | <u>2000</u> | <u>5</u> | <u>AAJ @ 15#/gal</u> | Max | | 5 Min. | |
| Depth <u>3940</u> | Depth | From | To <u>1250</u> | Pre Pad | Min | | 10 Min. | |
| Volume <u>96</u> | Volume | From | To | Pad | Avg | | 15 Min. | |
| Max Press <u>1400</u> | Max Press | From | To <u>500</u> | Frac <u>60/100 R/H/W</u> | HHP Used | | Annulus Pressure | |
| Well Connection <u>P.P.</u> | Annulus Vol. | From | To | Flush <u>95.1</u> | Gas Volume | | Total Load | |
| Plug Depth <u>3900</u> | Packer Depth | From | To | | | | | |

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|--|-----------------------------------|------------------------------|
| Customer Representative <u>Robinson</u> | Station Manager <u>Dave Scott</u> | Treater <u>Steve Orlando</u> |
| Service Units <u>2722</u> <u>2743</u> <u>19831/19862</u> | | |
| Driver Names <u>Orlando</u> <u>Matt</u> <u>Proctor</u> | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|----------------|-----------------|-----------------|--------------|----------|--|
| <u>11:00</u> | | | | | <u>On location Safety Meeting</u> |
| | | | | | <u>Ran 90 strokes 5 1/2 14E casing</u> |
| | | | | | <u>Conductivity 1-2-3-4-5-6-7-8</u> |
| | | | | | <u>Basket # 5 collar GP</u> |
| | | | | | <u>Casing on bottom Break Circ w/d</u> |
| | <u>350</u> | | <u>5</u> | <u>5</u> | <u>11:20 Ahead</u> |
| | <u>350</u> | | <u>12</u> | <u>5</u> | <u>12 bbl super flush</u> |
| | <u>350</u> | | <u>5</u> | <u>5</u> | <u>11:20 ahead</u> |
| | <u>350</u> | | <u>6</u> | <u>5</u> | <u>mit 25 strokes @ 14E/gal</u> |
| | <u>350</u> | | <u>31.8</u> | <u>5</u> | <u>mit 125 strokes AAJ @ 15#/gal</u> |
| | | | | | <u>Clear from 4 line Release plug</u> |
| | <u>0</u> | | <u>0</u> | <u>6</u> | <u>Start 11:20 M placement</u> |
| | <u>400</u> | | <u>25</u> | <u>5</u> | <u>11:20 pressure</u> |
| | <u>600</u> | | <u>85</u> | <u>4</u> | <u>Slow Rate</u> |
| <u>8:30 PM</u> | <u>1500</u> | | <u>95%</u> | <u>4</u> | <u>Plug Down - Hold</u> |
| | | | <u>4/4</u> | | <u>Plug R/H/W w/5000 60/100 per</u> |