



BASICTM
ENERGY SERVICES
Liberal, Kansas

Cement Report

| | | |
|--------------------------------|--------------------------|-------------------------------------|
| Customer <i>Obrien Energy</i> | Lease No. <i>Forgett</i> | Date <i>10-20-14</i> |
| Lease <i>Forgett</i> | Well # <i>2-13</i> | Service Receipt <i>1417-05202 A</i> |
| Casing <i>8 5/8"</i> | Depth <i>1493'</i> | County <i>Meade</i> State <i>KS</i> |
| Job Type <i>8 5/8" Surface</i> | Formation | Legal Description <i>13-32-30</i> |

| Pipe Data | | Perforating Data | | Cement Data |
|---------------------------|--------------|------------------|----|--------------------------------|
| Casing size <i>8 5/8"</i> | Tubing Size | Shots/Ft | | Lead <i>325 sks 11.4ppg</i> |
| Depth <i>1493</i> | Depth | From | To | <i>39% CACL2</i> |
| Volume <i>92.3 BBLs</i> | Volume | From | To | <i>1 1/4" Polyflake</i> |
| Max Press <i>1500psi</i> | Max Press | From | To | <i>2% NCA-1</i> |
| Well Connection | Annulus Vol. | From | To | Tail in <i>150 sks 14.8ppg</i> |
| Plug Depth <i>1451'</i> | Packer Depth | From | To | <i>Premium Plus Cement</i> |
| | | | | <i>2% CACL2</i> |
| | | | | <i>1/4" Polyflake</i> |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|------|----------------------------------|
| 0800 | | | | | Called Out |
| 1400 | | | | | On Location Safety Meeting |
| 1420 | | | | | Safety |
| | | | | | Circ with Rig |
| 1500 | | | | | Swap over |
| 1510 | | | | | Test Line 1500psi |
| 1515 | 100 | | 170 | 6 | Mix & Pump <i>Lead Cement</i> |
| | | | | | <i>11.4ppg - 170 Bbls slurry</i> |
| | | | | | Mix & Pump <i>Tail Cement</i> |
| 1540 | 100 | | 35.8 | 5 | <i>14.8ppg 35.8 Bbls slurry</i> |
| 1548 | | | | | Finished mixing cement |
| | | | | | Drop Top Plug |
| | | | 92.3 | 5 | Displace 92.3 BBLs |
| | | | | | Last 20 BBLs slow down to 2 BPM |
| | | | | | Last 10 BBLs slow down to 1 BPM |
| 1640 | 1200 | | | | Lead Plug |
| | | | | | Released |
| | | | | | Port Keel |
| | | | | | Job Completed |
| | | | | | Thanks |

| | | | | | |
|---------------|--------------|-------------|--------------|--------------|--|
| Service Units | <i>21755</i> | 70891-19570 | 30464-57124 | 27808-19893 | |
| Driver Names | <i>Rosen</i> | <i>Sam</i> | <i>Angel</i> | <i>Angel</i> | |

Roger Pearson

Terry Bennett

Roger Brown



Cement Report

| | | | | | | |
|----------|----------------|--|-----------|-------|-------------------|----------|
| Customer | O'Brien Energy | | Lease No. | | Date | 10-27-14 |
| Lease | Angell | | Well # | 2-13 | Service Receipt | 06225 |
| Casing | Depth | | County | Meade | State | KS |
| Job Type | 242-4" P/A | | Formation | | Legal Description | 13-32-30 |

| Pipe Data | | Perforating Data | | Cement Data |
|-----------------|-------|------------------|---------|-------------|
| Casing size | 4" DP | Tubing Size | | Lead 160 sk |
| Depth | | Depth | From To | 60/40 PZ |
| Volume | | Volume | From To | |
| Max Press | | Max Press | From To | Tail in |
| Well Connection | | Annulus Vol. | From To | |
| Plug Depth | | Packer Depth | From To | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------|-----------------|-----------------|--------------|------|--|
| 7:00 | | | | | on loc-site assessment spot trucks-rig up job w/ d.p. safety meeting-JSA pressure test 4000# circ @ 1530' |
| 7:30 | 100 | | 13.4 | 4 | mix & pump 50 sk 60/40 PZ @ 13.5# - 1.5 # 3/8" |
| | 100 | | 14 | 4 | disp balanced plug to 510' - circ |
| 8:45 | 100 | | 10.7 | 4 | mix & pump 40 sk @ 13.5# |
| | 100 | | 3.25 | 4 | disp balanced plug to 60' - circ |
| 9:30 | 100 | | 3.25 | 4 | mix & pump 20 sk @ 13.5# circ cont to surface |
| 11:00 | | | 13 | 3 | plug rat & mouse holes w/ 50 sk job complete |

| | | | | | |
|---------------|--------|---------|-------------|--|--|
| Service Units | 34726 | 27462 | 27808-14883 | | |
| Driver Names | A Owen | E Meade | H Bulmyca | | |

R Pearson
Customer Representative
J Bennett
Station Manager
A Owen
Cementer