



Authority for Expenditure Drilling, Completion, Facilities

WELL NAME: Minnie 1H-9XX
AFE NO. 43594
RC NO. 500379796
Date: 2/11/2015

| OPERATOR: | STATE | COUNTY | SECTION | TOWNSHIP | RANGE | PROPOSED TD |
|--|-------|---------------------|--------------|-----------------|---------------|-------------------|
| Newfield Exploration-Mid Continent | OK | Canadian | 9/16/21 | 14N | 7W | 8,325TVD/20,525MD |
| DRILLING COMMENTS | | COMPLETION COMMENTS | | | FACILITIES | |
| DETAIL OF ESTIMATED EXPENDITURES | | COST CODE | DRILLING | COMPLETION | FACILITIES | ART. LIFT TOTAL |
| INTANGIBLES | | | | | | |
| Base / Field Office Operations | 101 | \$ | 54,665.00 | \$ | - | \$ 54,665.00 |
| Cased Hole Electric Wireline | 102 | \$ | - | \$ 575,000.00 | \$ | \$ 575,000.00 |
| Services - Casing Crews and Running Tools | 103 | \$ | 82,000.00 | \$ | 6,000.00 | \$ 88,000.00 |
| Services Cementing/Coil Tubing Unit | 105 | \$ | 207,000.00 | \$ | - | \$ 207,000.00 |
| Communications | 109 | \$ | 7,755.00 | \$ | - | \$ 7,755.00 |
| Consultants | 110 | \$ | - | \$ 150,000.00 | \$ | \$ 150,000.00 |
| Core / Fluid Analysis | 111 | \$ | - | \$ | - | \$ - |
| Directional Drilling Operations | 113 | \$ | 323,287.00 | \$ | - | \$ 323,287.00 |
| Environmental & Safety Services | 117 | \$ | 26,380.00 | \$ | - | \$ 26,380.00 |
| Fishing Services | 119 | \$ | - | \$ | - | \$ - |
| Fluids Disposal (includes transportation) | 120 | \$ | 19,785.00 | \$ | - | \$ 19,785.00 |
| Services Formation Evaluation | 121 | \$ | 80,000.00 | \$ | - | \$ 80,000.00 |
| Formation Stimulation - Fracturing | 122 | \$ | - | \$ 4,071,000.00 | \$ | \$ 4,071,000.00 |
| Formation Stimulation - Other | 123 | \$ | - | \$ 496,740.00 | \$ | \$ 496,740.00 |
| Inspection - Bottom Hole Assembly | 129 | \$ | 18,500.00 | \$ | - | \$ 18,500.00 |
| Inspection - Casing | 130 | \$ | 1,500.00 | \$ | - | \$ 1,500.00 |
| Inspection - Drill Pipe | 131 | \$ | 43,000.00 | \$ | - | \$ 43,000.00 |
| Inspection - Site | 132 | \$ | - | \$ | - | \$ - |
| Inspection - Tubing | 133 | \$ | - | \$ | - | \$ - |
| Installation / Removal - Pipeline | 135 | \$ | - | \$ | - | \$ - |
| Instrumentation | 138 | \$ | - | \$ | - | \$ - |
| Labor - Company Supervision | 139 | \$ | 131,901.00 | \$ 150,000.00 | \$ | \$ 281,901.00 |
| Company Labor | 140 | \$ | - | \$ | 7,000.00 | \$ 13,000.00 |
| Labor - Contract Employees | 141 | \$ | - | \$ | 42,000.00 | \$ 42,000.00 |
| Location Preparation | 143 | \$ | 135,000.00 | \$ 50,000.00 | \$ 10,000.00 | \$ 195,000.00 |
| Location Remediation & Maintenance | 144 | \$ | 315,212.00 | \$ 25,000.00 | \$ | \$ 340,212.00 |
| Services Miscellaneous | 146 | \$ | 132,913.00 | \$ 250,000.00 | \$ 9,775.00 | \$ 392,688.00 |
| Mud Logging Services | 147 | \$ | 25,050.00 | \$ | - | \$ 25,050.00 |
| Drilling & Completion Rig Costs | 150 | \$ | 749,737.00 | \$ 343,000.00 | \$ 20,000.00 | \$ 1,112,737.00 |
| Drilling Well Turnkey Costs | 152 | \$ | - | \$ | - | \$ - |
| Rig Mobilization & De-Mobilization | 153 | \$ | 234,125.00 | \$ | - | \$ 234,125.00 |
| Security Services | 154 | \$ | - | \$ | - | \$ - |
| Slickline Services | 155 | \$ | - | \$ | 3,500.00 | \$ 3,500.00 |
| Survey - Location | 156 | \$ | 3,000.00 | \$ | - | \$ 3,000.00 |
| Survey - Well | 157 | \$ | 2,500.00 | \$ | - | \$ 2,500.00 |
| Testing - Well Control Equipment | 160 | \$ | 35,000.00 | \$ | - | \$ 35,000.00 |
| Transportation - Land | 162 | \$ | 32,380.00 | \$ | 10,000.00 | \$ 52,380.00 |
| Tubular Conveyed Perforating & Drill Stem Testing Services | 165 | \$ | - | \$ | - | \$ - |
| Services Welding | 166 | \$ | 7,500.00 | \$ | - | \$ 7,500.00 |
| Drill Bits | 301 | \$ | 190,000.00 | \$ 350,000.00 | \$ | \$ 540,000.00 |
| Blow-Out Preventor | 302 | \$ | 33,880.00 | \$ | - | \$ 33,880.00 |
| Completion Fluids | 304 | \$ | - | \$ 75,000.00 | \$ | \$ 75,000.00 |
| Cranes | 307 | \$ | - | \$ | 10,000.00 | \$ 10,000.00 |
| Drill String | 310 | \$ | 52,879.00 | \$ | - | \$ 52,879.00 |
| Electrical Repairs | 311 | \$ | - | \$ | - | \$ - |
| Fuel | 313 | \$ | 234,855.00 | \$ | - | \$ 234,855.00 |
| Gas Measurement | 317 | \$ | - | \$ | 20,000.00 | \$ 20,000.00 |
| Heater - Indirect Line | 321 | \$ | - | \$ | - | \$ - |
| Rent Lost in Hole | 325 | \$ | - | \$ | - | \$ - |
| Rent Miscellaneous Surface Equipment | 328 | \$ | 34,075.00 | \$ 350,000.00 | \$ 25,000.00 | \$ 422,075.00 |
| Mud - Drilling | 329 | \$ | 387,957.00 | \$ | - | \$ 387,957.00 |
| Mud Monitoring & Processing Equipment | 330 | \$ | 76,248.00 | \$ | - | \$ 76,248.00 |
| Stabilizer, Under-Reamer, Hole-Opener | 341 | \$ | 20,190.00 | \$ | - | \$ 20,190.00 |
| Vapor Recovery System | 349 | \$ | - | \$ | - | \$ - |
| Drilling Water | 350 | \$ | 9,068.00 | \$ | 4,000.00 | \$ 13,068.00 |
| Water Handling Equipment | 351 | \$ | - | \$ | - | \$ - |
| Drilling Insurance | 501 | \$ | - | \$ | - | \$ - |
| Legal Fees | 503 | \$ | 3,000.00 | \$ | - | \$ 3,000.00 |
| Regulatory Compliance | 511 | \$ | - | \$ | - | \$ - |
| Overhead | 965 | \$ | 16,490.00 | \$ 150,000.00 | \$ | \$ 166,490.00 |
| Subtotal - Intangibles | | \$ | 3,726,832.00 | \$ 7,035,740.00 | \$ 124,000.00 | \$ 10,958,847.00 |
| TANGIBLES | | | | | | |
| Oil Measurement Equipment | 332 | \$ | - | \$ | - | \$ - |
| Line Pipe & Battery Fittings | 335 | \$ | - | \$ | 58,000.00 | \$ 58,000.00 |
| Pumps | 336 | \$ | - | \$ | 5,000.00 | \$ 5,000.00 |
| Separators | 340 | \$ | - | \$ 25,000.00 | \$ | \$ 25,000.00 |
| Stock Tanks | 345 | \$ | - | \$ 62,000.00 | \$ | \$ 62,000.00 |
| Treaters | 347 | \$ | - | \$ 58,000.00 | \$ | \$ 58,000.00 |
| Artificial Lift | 601 | \$ | - | \$ | 20,000.00 | \$ 20,000.00 |
| Casing Accessories | 602 | \$ | 25,000.00 | \$ | - | \$ 25,000.00 |
| Miscellaneous Surface Equipment | 603 | \$ | - | \$ | - | \$ - |
| Packers / Anchors / Liner Hangers | 604 | \$ | - | \$ | - | \$ - |
| Water Casing (Conductor Casing) | 607 | \$ | - | \$ | - | \$ - |
| Pipe Surface Casing | 608 | \$ | 72,000.00 | \$ | - | \$ 72,000.00 |
| Pipe Intermediate Casing | 609 | \$ | - | \$ | - | \$ - |
| Production Casing/Liner | 610 | \$ | 553,668.00 | \$ | - | \$ 553,668.00 |
| Pipe Casing Liner | 611 | \$ | - | \$ | - | \$ - |
| Tubing | 613 | \$ | - | \$ | 65,000.00 | \$ 65,000.00 |
| Rods | 614 | \$ | - | \$ | - | \$ - |
| Tubing Accessories | 616 | \$ | - | \$ | 20,000.00 | \$ 20,000.00 |
| Wellhead | 617 | \$ | 22,500.00 | \$ | - | \$ 22,500.00 |
| Subtotal - Tangibles | | \$ | 673,168.00 | \$ 203,000.00 | \$ 110,000.00 | \$ 986,168.00 |
| AFE TOTAL | | \$ | 4,400,000.00 | \$ 7,035,740.00 | \$ 327,000.00 | \$ 11,945,015.00 |

This AFE is only an estimate. By returning one signed copy the undersigned hereby agrees to pay its share of all the actual costs incurred in this operation.

NAME: _____
PRINTED NAME: _____
TITLE: _____

COMPANY: _____
DATE: _____

