

CONTINENTAL RESOURCES, INC.P.O. Box 268870 Oklahoma City, OK 73102
(405) 234-9000**AUTHORITY FOR EXPENDITURE**

AFE No.: _____ Date: 03/19/15 Lease Name & No.: Heckenberg 1-19-30XH

Legal Description: SHL: 2450 FNL & 210 FWL Sec 19-T13N-R13W County: Blaine State: Oklahoma
BHL: 30 FSL & 330 FWL Sec 30 T13N-R13W

Work Description: Drill and complete Woodford, 7243 ft lateral at 15955 ft TVD 5.5 in. cemented long string to 23470 ft, 25 stage frac

Oil Based Mud system

Exploration **XXX** Development _____ Recompletion: _____ Supplemental: _____ T.D.: 23,470'

| | Estimated Days | \$4 | \$5 | | |
|--|---|-------------|-----------|-------------|--------------|
| INTANGIBLES | Code | Dry Hole | Code | Completion | Total |
| Legal expenses | 010 | \$42,000 | 010 | \$1,000 | \$43,000 |
| Damages | 020 | \$32,000 | 020 | \$1,000 | \$33,000 |
| Road & location construction | 030 | \$199,000 | 030 | \$50,000 | \$249,000 |
| Rig Costs | 060 | \$1,394,000 | 060 | \$210,000 | \$1,604,000 |
| Water | 070 | \$35,000 | 070 | \$75,000 | \$110,000 |
| Drilling mud & chemicals | 090 | \$529,000 | 090 | \$168,500 | \$697,500 |
| Bits & BHA | 100 | \$372,000 | 100 | \$73,000 | \$445,000 |
| Surface rental tools & equipment | 110 | \$188,000 | 110 | \$103,000 | \$291,000 |
| Drill pipe & work string rental | 120 | \$41,000 | 120 | \$23,000 | \$64,000 |
| Cementing | 130 | \$75,000 | 130 | \$125,000 | \$200,000 |
| Technical Services | 140 | \$0 | 140 | \$56,000 | \$56,000 |
| Roustabout Labor | 151 | \$60,000 | 151 | \$0 | \$60,000 |
| Roustabout Transportation | 152 | \$20,000 | 152 | \$0 | \$20,000 |
| Downhole testing and analysis | 160 | \$67,000 | 160 | \$0 | \$67,000 |
| Wireline services | 170 | \$50,000 | 170 | \$225,000 | \$275,000 |
| Rental tanks | 210 | \$40,000 | 210 | \$34,000 | \$74,000 |
| Stimulation services | 230 | \$0 | 230 | \$3,625,000 | \$3,625,000 |
| Miscellaneous services & contingencies | 240 | \$253,000 | 240 | \$261,000 | \$514,000 |
| Fuel | 250 | \$422,000 | 250 | \$0 | \$422,000 |
| Directional tools and services | 280 | \$473,000 | 280 | \$15,000 | \$488,000 |
| Inspections | 290 | \$6,000 | 290 | \$0 | \$6,000 |
| Casing Crews | 300 | \$67,000 | 300 | \$80,000 | \$147,000 |
| Fishing tools and services | 330 | \$0 | 330 | \$0 | \$0 |
| Pumping services | 340 | \$0 | 340 | \$183,000 | \$183,000 |
| Insurance | 350 | \$0 | 350 | \$0 | \$0 |
| Mud disposal | 360 | \$215,000 | 360 | \$180,000 | \$395,000 |
| Field office expense - housing | 470 | \$66,000 | 470 | \$0 | \$66,000 |
| Contract supervision | 500 | \$189,000 | 500 | \$38,000 | \$227,000 |
| Overhead | 800 | \$7,000 | 800 | \$4,000 | \$11,000 |
| Drilling Hazard Mitigation | 900 | \$0 | 900 | \$0 | \$0 |
| TOTAL INTANGIBLES | | \$4,842,000 | | \$5,530,500 | \$10,372,500 |
| TANGIBLES | | | | | |
| Surface Casing | 1,500 ft @ \$ 38.47 /ft 13 3/8" 54.5# J-55 ST | 510 | \$58,000 | | \$58,000 |
| Intermediate Casing | 11800 ft @ \$ 40.26 /ft 9 5/8" 47# N-80 LT&C | 520 | \$475,000 | | \$475,000 |
| Production Casing | 23,470 ft @ \$ 25.00 /ft 5-1/2" 23# P-110 BTC-XP | | | 530 | \$587,000 |
| Production Liner & Hanger | 0 ft @ \$ - /ft 5-1/2" 23# P-110 BTC-XP | 0 | | 530 | \$0 |
| Surf Equ Trkg/Inst/Lbr | | | | 540 | \$25,000 |
| Tubing | 16,230 ft @ \$ 6.00 /ft 2-7/8" 6.5# L-80 EUE | | | 550 | \$105,000 |
| Wellhead Equipment | 13-5/8" SOW x 13 3/8" 3K x 11" 5K x 7-1/16" 10K x 2-9/16" 10K | 560 | \$12,000 | 560 | \$32,000 |
| Packers & Subsurface Equipment | | | | 570 | \$10,000 |
| Pumping Unit & Prime Mover | | | | 580 | \$0 |
| Sucker Rods & Pump | | | | 590 | \$0 |
| Production Facility | | | | 600 | \$104,000 |
| Flowline, Valves & Connections | | | | 610 | \$35,000 |
| TOTAL TANGIBLES | | \$545,000 | | \$898,000 | \$1,443,000 |
| TOTAL AFE | | \$5,387,000 | | \$6,428,500 | \$11,815,500 |

APPROVAL:**Operator:**

CONTINENTAL RESOURCES, INC.

Operations: _____ Geology: _____ Land: _____

Date: _____

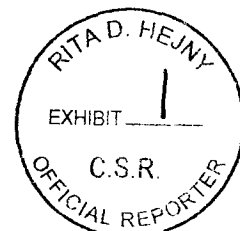
Non-Operator:

Company: _____

By: _____

Wt: _____ % Date: _____

This AFE is only an estimate of the costs to be incurred in conducting the referenced operation. In no event shall this AFE be construed as a representation or warrant as to the accuracy of such estimate, or construed in anyway to limit a participant's responsibility to pay its proportionate share of all costs and expenses incurred in connection with the referenced operations.



MAR 23 2015