

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	54	5	
INTANGIBLES	Code	Dry Hole	Code	Completion
Legal expenses	010	\$42,000	010	\$1,000
Damages	020	\$32,000	020	\$1,000
Road & location construction	030	\$199,000	030	\$50,000
Rig Costs	060	\$1,394,000	060	\$210,000
Water	070	\$35,000	070	\$75,000
Drilling mud & chemicals	090	\$529,000	090	\$168,500
Bits & BHA	100	\$372,000	100	\$73,000
Surface rental tools & equipment	110	\$188,000	110	\$103,000
Drill pipe & work string rental	120	\$41,000	120	\$23,000
Cementing	130	\$75,000	130	\$125,000
Technical Services	140	\$0	140	\$56,000
Roustabout Labor	151	\$60,000	151	\$0
Roustabout Transportation	152	\$20,000	152	\$0
Downhole testing and analysis	160	\$67,000	160	\$0
Wireline services	170	\$50,000	170	\$225,000
Rental tanks	210	\$40,000	210	\$34,000
Stimulation services	230	\$0	230	\$3,625,000
Miscellaneous services & contingencies	240	\$253,000	240	\$261,000
Fuel	250	\$422,000	250	\$0
Directional tools and services	280	\$473,000	280	\$15,000
Inspections	290	\$6,000	290	\$0
Casing Crews	300	\$67,000	300	\$80,000
Fishing tools and services	330	\$0	330	\$0
Pumping services	340	\$0	340	\$183,000
Insurance	350	\$0	350	\$0
Mud disposal	360	\$215,000	360	\$180,000
Field office expense - housing	470	\$66,000	470	\$0
Contract supervision	500	\$189,000	500	\$38,000
Overhead	800	\$7,000	800	\$4,000
Drilling Hazard Mitigation	900	\$0	900	\$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 L76C	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.		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:****Non-Operator:**

CONTINENTAL RESOURCES, INC.

Company: _____

Operations: _____ Geology: _____ Land: _____

By: _____

Date: _____

WI: _____ % 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