

CONTINENTAL RESOURCES, INC.P.O. Box 1032 Enid, OK 73702
(580) 233-8955**AUTHORITY FOR EXPENDITURE**

AFE No.: _____ Date: 05/05/16 Lease Name & No.: NE Atterberry 1-27-34XH

Legal Description: SHL: 150 FNL & 430 FEL Sec 27-T13N-R13W County: Blaine State: Oklahoma

BHL: FSL & 330 FEL Sec 34-T13N-R13W

Work Description: Drill and complete Woodford, 9971 ft lateral at 14146 ft TVD 5.5 in. cemented long string to 24350 ft; 42 stage frac

Oil Based Mud system

Exploration **XXX** Developer: _____ Recompletion: _____ Supplemental: _____ T.D.: 24,350'

	Estimated Days	69		6	
INTANGIBLES					
	Code	Dry Hole	Code	Completion	Total
Legal expenses	010	\$43,000	010	\$1,000	\$44,000
Damages	020	\$25,000	020	\$1,000	\$26,000
Road & location construction	030	\$191,000	030	\$51,000	\$242,000
Rig Costs	060	\$2,178,000	060	\$295,000	\$2,473,000
Water	070	\$21,000	070	\$116,000	\$137,000
Drilling mud & chemicals	090	\$1,005,000	090	\$144,500	\$1,149,500
Bits & BHA	100	\$230,000	100	\$166,000	\$396,000
Surface rental tools & equipment	110	\$179,000	110	\$140,000	\$319,000
Drill pipe & work string rental	120	\$15,000	120	\$45,000	\$60,000
Cementing	130	\$58,000	130	\$87,000	\$145,000
Flowback	140	\$0	140	\$52,000	\$52,000
Roustabout Labor	151	\$30,000	151	\$0	\$30,000
Roustabout Transportation	152	\$20,000	152	\$0	\$20,000
Downhole testing and analysis	160	\$29,000	160	\$0	\$29,000
Wireline services	170	\$50,000	170	\$251,000	\$301,000
Rental tanks	210	\$28,000	210	\$14,000	\$42,000
Stimulation services	230	\$0	230	\$3,570,000	\$3,570,000
Miscellaneous services & contingencies	240	\$294,000	240	\$287,000	\$581,000
Fuel	250	\$461,000	250	\$0	\$461,000
Directional tools and services	280	\$474,000	280	\$0	\$474,000
Inspections	290	\$10,000	290	\$0	\$10,000
Casing Crews	300	\$32,000	300	\$25,000	\$57,000
Fishing tools and services	330	\$0	330	\$0	\$0
Pumping services	340	\$0	340	\$294,000	\$294,000
Insurance	350	\$0	350	\$0	\$0
Mud disposal	360	\$155,000	360	\$462,000	\$617,000
Field office expense - housing	470	\$98,000	470	\$0	\$98,000
Contract supervision	500	\$301,000	500	\$44,000	\$345,000
Overhead	800	\$30,000	800	\$15,500	\$45,500
Drilling Hazard Mitigation	900	\$65,000	900	\$0	\$65,000

TOTAL INTANGIBLES

\$6,022,000 \$6,061,000 \$12,083,000

TANGIBLES

Surface Casing	1,500 ft. @ \$ 40.00 /ft. 13 3/8", 54.5#, J-55, STX	510	\$60,000		\$60,000
Intermediate Casing	11,550 ft. @ \$ 31.26 /ft. 9 5/8", 40#, P-110, LT&C	520	\$361,000		\$361,000
Production Casing	24,350 ft. @ \$ 19.50 /ft. 5-1/2", 23#, P-110 BTC-XP			530	\$475,000
Toe Initiator Sleeve				530	\$19,000
Surf Equ Trkg/Inst/Lbr				540	\$53,000
Tubing	14,490 ft. @ \$ 5.75 /ft. 2-7/8", 6.5#, L-80, EUE			550	\$90,000
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	\$22,500		\$22,500
Packers & Subsurface Equipment				570	\$25,000
Pumping Unit & Prime Mover				580	\$0
Sucker Rods & Pump				590	\$0
Production Facility				600	\$166,500
Flowline, Valves & Connections				610	\$50,000

TOTAL TANGIBLES

\$455,000 \$901,000 \$1,356,000

TOTAL AFE

\$6,477,000 \$6,962,000 \$13,439,000

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 any way to limit a participant's responsibility to pay its proportionate share of all costs and expenses incurred in connection with the referenced operations.



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