

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

AFE No.: DL04655 Date: 03/19/15 Lease Name & No.: Ireta 1-4-9 XH

Legal Description: SHL: 170 FNL & 520 FEL of Sec. 4 County: Blaine State: Oklahoma  
BHL: 30 FSL & 330 FEL of Sec. 9

Work Description: Drill and complete Woodford, 10083 ft lateral at 14770 ft TVD 5.5 in. cemented long string to 25125 ft 32 stage frac

Oil Based Mud system

Exploration XXX	Developer	Recompletion:	Supplemental:	T.D.: 25,125'
		Estimated Days	62	5
<b>INTANGIBLES</b>				
Legal expenses		Code	Dry Hole	Code Completion
		010	\$53,000	010 \$1,000
Damages		020	\$32,000	020 \$1,000
Road & location construction		030	\$199,000	030 \$50,000
Rig Costs		080	\$1,441,000	080 \$210,000
Water		070	\$38,000	070 \$96,000
Drilling mud & chemicals		090	\$603,000	090 \$202,100
Bits & BHA		100	\$365,000	100 \$92,000
Surface rental tools & equipment		110	\$217,000	110 \$124,000
Drill pipe & work string rental		120	\$45,000	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	\$81,000	160 \$0
Wireline services		170	\$50,000	170 \$273,000
Rental tanks		210	\$46,000	210 \$34,000
Stimulation services		230	\$0	230 \$4,000,000
Miscellaneous services & contingencies		240	\$273,000	240 \$292,000
Fuel		250	\$485,000	250 \$0
Directional tools and services		280	\$593,000	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 \$232,000
Insurance		350	\$0	350 \$0
Mud disposal		360	\$215,000	360 \$230,400
Field office expense - housing		470	\$74,000	470 \$0
Contract supervision		500	\$217,000	500 \$38,000
Overhead		800	\$7,000	800 \$4,000
Drilling Hazard Mitigation		900	\$0	900 \$0
<b>TOTAL INTANGIBLES</b>			<b>\$5,262,000</b>	<b>\$6,178,500</b>
<b>TANGIBLES</b>				
Surface Casing	1,500 ft @ \$ 38.47 /ft	13 3/8" 54.58 J-55 ST	510 \$58,000	\$58,000
Intermediate Casing	11198 ft @ \$ 40.26 /ft	9 5/8" 47# N-80, LT&C	520 \$451,000	\$451,000
Production Casing	25130 ft @ \$ 25.00 /ft	5-1/2" 23# P-110 BTC-XP	530 \$628,000	\$628,000
Production Liner & Hanger	0 ft @ \$ - /ft	0	530 \$0	\$0
Surf Equ Trkg/Inst/Lbr			540 \$25,000	\$25,000
Tubing	15,040 ft @ \$ 7.00 /ft	2-7/8" 5.5# J-55 EUE	550 \$113,000	\$113,000
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	\$32,000
Packers & Subsurface Equipment			570 \$10,000	\$10,000
Pumping Unit & Prime Mover			580 \$0	\$0
Sucker Rods & Pump			590 \$0	\$0
Production Facility			600 \$104,000	\$104,000
Flowline, Valves & Connections			610 \$25,000	\$25,000
<b>TOTAL TANGIBLES</b>			<b>\$521,000</b>	<b>\$937,000</b>
<b>TOTAL AFE</b>			<b>\$5,783,000</b>	<b>\$7,115,500</b>
				<b>\$12,898,500</b>

**APPROVAL:****Operator:**

CONTINENTAL RESOURCES, INC.

Operations: \_\_\_\_\_ Geology: \_\_\_\_\_ Land: \_\_\_\_\_

Date: \_\_\_\_\_

**Non-Operator:**

Company: \_\_\_\_\_

By: \_\_\_\_\_

Wf: \_\_\_\_\_ % 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 28 2015