

CONTINENTAL RESOURCES, INC.

P.O. Box 269000 OKC, OK 73126
(405) 234-9000

AUTHORITY FOR EXPENDITURE

AFE No.: _____ Date: 03/24/16 Lease Name & No.: Laura Federal 1-4H

Legal Description: 200' FSL & 2310' FEL of Section 4-15N-11W County: Blaine State: Oklahoma

Work Description: 50' FNL & 2310' FEL of Section 4-15N-11W

Drill and complete Mississippian, 4553 ft lateral at 11260 ft TVD 5.5 in. cemented long string to 16085 ft; 17 stage frac

Oil Based Mud system

Exploration **XXX** Development _____ Recompletion: _____ Supplemental: _____ T.D.: 16,085'

	Estimated Days	36	5	
INTANGIBLES				
Legal expenses	010	\$33,000	010	\$1,000
Damages	020	\$20,000	020	\$1,000
Road & location construction	030	\$133,000	030	\$25,000
Rig Costs	060	\$1,152,000	060	\$218,000
Water	070	\$28,000	070	\$51,000
Drilling mud & chemicals	090	\$341,000	090	\$46,920
Bits & BHA	100	\$247,000	100	\$63,000
Surface rental tools & equipment	110	\$91,000	110	\$72,000
Drill pipe & work string rental	120	\$14,000	120	\$25,000
Cementing	130	\$55,000	130	\$82,000
Flowback	140	\$0	140	\$70,000
Roustabout Labor	151	\$30,000	151	\$0
Roustabout Transportation	152	\$20,000	152	\$0
Downhole testing and analysis	160	\$32,000	160	\$0
Wireline services	170	\$40,000	170	\$100,000
Rental tanks	210	\$18,000	210	\$14,000
Stimulation services	230	\$0	230	\$1,445,000
Miscellaneous services & contingencies	240	\$160,000	240	\$120,000
Fuel	250	\$255,000	250	\$0
Directional tools and services	280	\$264,000	280	\$15,000
Inspections	290	\$6,000	290	\$0
Casing Crews	300	\$32,000	300	\$25,000
Fishing tools and services	330	\$0	330	\$0
Pumping services	340	\$0	340	\$119,000
Insurance	350	\$0	350	\$0
Mud disposal	360	\$183,000	360	\$61,200
Field office expense - housing	470	\$44,000	470	\$0
Contract supervision	500	\$168,000	500	\$26,000
HSSE Consultant/ Training	508	\$10,000	508	\$0
Facility Overhead	750	\$15,000	750	\$0
Overhead	800	\$30,000	800	\$0
Geologic, Eng & Tech	850	\$30,000	850	\$0
Drilling Hazard Mitigation	900	\$65,000	900	\$0
TOTAL INTANGIBLES		\$3,516,000	\$2,580,120	\$6,096,120
TANGIBLES				
Surface Casing 1,500 ft. @ \$ 32.00 /ft. 13 3/8", 54.5#, J-55, ST	510	\$48,000		\$48,000
Intermediate Casing 9420 ft. @ \$ 34.00 /ft. 9 5/8", 40#, P-110, LT&C	520	\$320,000		\$320,000
Production Casing 16,090 ft. @ \$ 19.00 /ft. 5-1/2", 20#, P-110 BTC			530	\$306,000
Toe Initiator Sleeve 0 ft. @ \$ - /ft. 0			530	\$19,000
Surf Equ Trkg/Inst/Lbr			540	\$55,000
Tubing 11,530 ft. @ \$ 5.75 /ft. 2-7/8", 6.5#, L-80, EUE			550	\$71,000
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	\$173,000
Flowline, Valves & Connections			610	\$60,000
TOTAL TANGIBLES		\$380,000	\$726,000	\$1,106,000
TOTAL AFE		\$3,896,000	\$3,306,120	\$7,202,120

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.

