

CD 201504225

CONTINENTAL RESOURCES, INC.

P.O. Box 1032 Enid, OK 73702
(580) 233-8955

AUTHORITY FOR EXPENDITURE

AFE No.: _____ Date: 10/12/15 Lease Name & No.: Bernhard 1-13H

Legal Description: SHL: 200' FSL & 1150' FWL Sec 13-T16N-R11W County: Blaine State: Oklahoma

BHL: 50' FNL & 1650' FWL Sec 13-T16N-R11W

Work Description: Drill and complete Meramec 4603 ft lateral at 10364 ft TVD 5.5 in. cemented long string to 15239 ft, 18 stage frac

Oil Based Mud system

Exploration XXX Development _____ Recompletion _____ Supplemental _____ T.D.: 15,239'

	Estimated Days	29	4	
INTANGIBLES				
Legal expenses	010	\$33,000	010	\$1,000
Damages	020	\$20,000	020	\$1,000
Road & location construction	030	\$178,000	030	\$25,000
Rig Costs	060	\$970,000	060	\$194,000
Water	070	\$25,000	070	\$60,000
Drilling mud & chemicals	090	\$304,000	090	\$96,000
Bits & BHA	100	\$162,000	100	\$74,000
Surface rental tools & equipment	110	\$73,000	110	\$90,000
Drill pipe & work string rental	120	\$13,000	120	\$0
Cementing	130	\$58,000	130	\$117,000
Flowback	140	\$0	140	\$52,000
Roustabout Labor	151	\$30,000	151	\$0
Roustabout Transportation	152	\$20,000	152	\$0
Downhole testing and analysis	160	\$23,000	160	\$0
Wireline services	170	\$55,000	170	\$115,000
Rental tanks	210	\$13,000	210	\$14,000
Stimulation services	230	\$0	230	\$1,890,000
Miscellaneous services & contingencies	240	\$135,000	240	\$159,000
Fuel	250	\$147,000	250	\$0
Directional tools and services	280	\$157,000	280	\$15,000
Inspections	290	\$6,000	290	\$0
Casing Crews	300	\$67,000	300	\$50,000
Fishing tools and services	330	\$0	330	\$0
Pumping services	340	\$0	340	\$126,000
Insurance	350	\$0	350	\$0
Mud disposal	360	\$183,000	360	\$258,750
Field office expense - housing	470	\$58,000	470	\$0
Contract supervision	500	\$122,000	500	\$39,000
Overhead	800	\$7,000	800	\$4,000
Drilling Hazard Mitigation	900	\$0	900	\$0
TOTAL INTANGIBLES		\$2,859,000	\$3,380,750	\$6,239,750
TANGIBLES				
Surface Casing 1,500 ft @ \$ 37.25 /ft 13 3/8", 54.5# J-55, ST	510	\$56,000		\$56,000
Intermediate Casing 8950 ft @ \$ 39.25 /ft 9 5/8" 40# P-110, LT&	520	\$351,000		\$351,000
Production Casing 15,240 ft @ \$ 18.00 /ft 5-1/2" 20# P-110 BTC-XP			530	\$274,000
Toe Initiator Sleeve 0 ft @ \$ - /ft	0		530	\$19,000
Surf Equ Trkg/Inst/Lbr			540	\$25,000
Tubing 10,640 ft @ \$ 5.75 /ft 2-7/8" 6.5# L-80, EUE			550	\$66,000
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	\$26,000
Pumping Unit & Prime Mover			580	\$0
Sucker Rods & Pump			590	\$0
Production Facility			600	\$170,000
Flowline, Valves & Connections			610	\$50,000
TOTAL TANGIBLES		\$419,000	\$662,000	\$1,081,000
TOTAL AFE		\$3,278,000	\$4,042,750	\$7,320,750

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.

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