

CD #201503120

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

AFE No.: _____ Date: 07/28/15 Lease Name & No.: _____ Madeline 1-9-4XH

Legal Description: SHL: 300 FNL & 890 FWL Sec 9-T16N-R12W County: Blaine State: Oklahoma
BHL: 60 FNL & 990 FWL Sec 4-T16N-R12W

Work Description: Drill and complete Stack, 10323 ft lateral at 9864 ft TVD 5.5 in. cemented long string to 20459 ft; 44 stage frac

Oil Based Mud system

Exploration XXX Development _____ Recompletion: _____ Supplemental: _____ T.D.: 20,459'

	Estimated Days	40	3	
INTANGIBLES				
Legal expenses	010	\$33,000	010	\$1,000
Damages	020	\$20,000	020	\$1,000
Road & location construction	030	\$186,000	030	\$25,000
Rig Costs	060	\$1,256,000	060	\$203,000
Water	070	\$16,000	070	\$132,000
Drilling mud & chemicals	090	\$403,000	090	\$96,000
Bits & BHA	100	\$174,000	100	\$186,000
Surface rental tools & equipment	110	\$103,000	110	\$153,000
Drill pipe & work string rental	120	\$13,000	120	\$0
Cementing	130	\$55,000	130	\$97,000
Flowback	140	\$0	140	\$55,000
Roustabout Labor	151	\$30,000	151	\$0
Roustabout Transportation	152	\$20,000	152	\$0
Downhole testing and analysis	160	\$65,000	160	\$0
Wireline services	170	\$40,000	170	\$273,000
Rental tanks	210	\$17,000	210	\$14,000
Stimulation services	230	\$0	230	\$4,180,000
Miscellaneous services & contingencies	240	\$170,000	240	\$321,000
Fuel	250	\$203,000	250	\$0
Directional tools and services	280	\$305,000	280	\$15,000
Inspections	290	\$6,000	290	\$0
Casing Crews	300	\$62,000	300	\$50,000
Fishing tools and services	330	\$0	330	\$0
Pumping services	340	\$0	340	\$308,000
Insurance	350	\$0	350	\$0
Mud disposal	360	\$183,000	360	\$633,600
Field office expense - housing	470	\$67,000	470	\$0
Contract supervision	500	\$158,000	500	\$36,000
Overhead	800	\$7,000	800	\$4,000
Drilling Hazard Mitigation	900	\$0	900	\$0

TOTAL INTANGIBLES**\$3,592,000** **\$6,783,600** **\$10,375,600****TANGIBLES**

Surface Casing	1,500 ft. @ \$ 37.25 /ft.	13 3/8", 54.5#, J-55, ST8	510	\$56,000		\$56,000
Intermediate Casing	8605 ft. @ \$ 39.25 /ft.	9 5/8", 40#, P-11-, BTC	520	\$338,000		\$338,000
Production Casing	20,460 ft. @ \$ 22.75 /ft.	5-1/2", 23#, P-110 BTC-XP			530	\$465,000
Production Liner & Hanger	0 ft. @ \$ - /ft.		0		530	\$0
Surf Equ Trkg/Inst/Lbr					540	\$25,000
Tubing	10,140 ft. @ \$ 7.00 /ft.	2-7/8", 6.5#, L-80, EUE			550	\$76,000
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	\$25,000
Pumping Unit & Prime Mover					580	\$0
Sucker Rods & Pump					590	\$0
Production Facility					600	\$132,000
Flowline, Valves & Connections					610	\$25,000

TOTAL TANGIBLES**\$406,000** **\$780,000** **\$1,186,000****TOTAL AFE****\$3,998,000** **\$7,563,600** **\$11,561,600****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.

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