

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

AFF No. _____ Date: 03/09/15 Lease Name & No.: Stack 1-9-4XH

Legal Description: SHL: 300 FNL & 890 FWL Sec. 16-T16N-R10W County: Blaine State: Oklahoma

BHL: 60 FSL & 990 FWL Sec. 4-T16N-R10W

Work Description: Drill and complete Stack 10323 lateral at 9864 ft TVD 5.5 in. cemented long string to 20459 ft 34 stage frac.

Oil Based Mud system

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

	Estimated Days	40	3	
INTANGIBLES	Code	Dry Hole	Code	Completion
Legal expenses	010	\$33,000	010	\$1,000
Damages	020	\$20,000	020	\$1,000
Road & location construction	030	\$224,000	030	\$25,000
Rig Costs	060	\$1,256,000	060	\$123,000
Water	070	\$29,000	070	\$48,000
Drilling mud & chemicals	090	\$467,000	090	\$96,000
Bits & BHA	100	\$317,000	100	\$99,000
Surface rental tools & equipment	110	\$103,000	110	\$104,000
Drill pipe & work string rental	120	\$13,000	120	\$0
Cementing	130	\$68,000	130	\$120,000
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	\$137,000
Rental tanks	210	\$17,000	210	\$14,000
Stimulation services	230	\$0	230	\$3,230,000
Miscellaneous services & contingencies	240	\$187,000	240	\$222,000
Fuel	250	\$252,000	250	\$0
Directional tools and services	280	\$328,000	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	\$112,000
Insurance	350	\$0	350	\$0
Mud disposal	360	\$183,000	360	\$230,400
Field office expense - housing	470	\$76,000	470	\$0
Contract supervision	500	\$148,000	500	\$36,000
Overhead	800	\$7,000	800	\$4,000
Drilling Hazard Mitigation	900	\$0	900	\$0
TOTAL INTANGIBLES		\$3,956,000		\$4,722,400
TANGIBLES				
Surface Casing 1,500 ft @ \$ 37.25 /ft 13 3/8", 54.5#, J-55, ST	510	\$56,000		\$56,000
Intermediate Casing 20,460 ft @ \$ 16.07 /ft 13 3/8", 48.5#, J-55, ST	520	\$338,000		\$338,000
Production Casing 20,460 ft @ \$ 29.00 /ft 5-1/2", 23#, P-110 BTC-XP			530	\$593,000
Production Liner & Hanger 0 ft @ \$ - /ft	0		530	\$0
Surf Equ Trkg/Ins/Lbr 10,140 ft @ \$ 7.00 /ft 2-7/8", 6.5#, J-55, EUE			540	\$25,000
Tubing 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	550	\$76,000
Wellhead Equipment			560	\$32,000
Packers & Subsurface Equipment			570	\$10,000
Pumping Unit & Prime Mover			580	\$0
Sucker Rods & Pump			590	\$0
Production Facility			600	\$107,000
Flowline, Valves & Connections			610	\$25,000
TOTAL TANGIBLES		\$406,000		\$868,000
TOTAL AFE		\$4,362,000		\$5,590,400

APPROVAL:**Operator:****Non-Operator:**

CONTINENTAL RESOURCES, INC

Company: _____

Operations: _____ Geology: _____ Land: _____

By: _____

Date: _____

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.

C:\Users\shomano\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\4R\U1RQ24\Stack 1-9-4XH\AFF 11-20-14\DR1-af1.m\AFF

MAR 09 2015

