

# CONTINENTAL RESOURCES, INC.

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

## AUTHORITY FOR EXPENDITURE

AFE No.: \_\_\_\_\_ Date: 09/08/15      Lease Name & No.:      Foree 1-18-7XH

Legal Description: SHL: 200 FSL & 330 FEL Sec 18-T16N-R11W      County: Blaine      State: Oklahoma

BHL: 2640 FNL & 330 FEL Sec 7-T16N-R11W

Work Description: Drill and complete Stack, 7243 ft lateral at 10653 ft TVD 5.5 in. cemented long string to 18168 ft; 30 stage frac.

Oil Based Mud system

Exploration **XXX**      Developme      Recompletion:      Supplemental:      T.D.: 18,168'

	Estimated Days	38	5	
<b>INTANGIBLES</b>				
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	\$1,204,000	060	\$255,000
Water	070	\$29,000	070	\$120,000
Drilling mud & chemicals	090	\$364,000	090	\$96,000
Bits & BHA	100	\$164,000	100	\$108,000
Surface rental tools & equipment	110	\$97,000	110	\$144,000
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	\$30,000	160	\$0
Wireline services	170	\$40,000	170	\$247,000
Rental tanks	210	\$17,000	210	\$14,000
Stimulation services	230	\$0	230	\$2,775,000
Miscellaneous services & contingencies	240	\$180,000	240	\$233,000
Fuel	250	\$193,000	250	\$0
Directional tools and services	280	\$230,000	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	\$210,000
Insurance	350	\$0	350	\$0
Mud disposal	360	\$183,000	360	\$432,188
Field office expense - housing	470	\$72,000	470	\$0
Contract supervision	500	\$160,000	500	\$42,000
Overhead	800	\$7,000	800	\$4,000
Drilling Hazard Mitigation	900	\$0	900	\$0
<b>TOTAL INTANGIBLES</b>		<b>\$3,375,000</b>		<b>\$4,941,188</b>
<b>TANGIBLES</b>				
Surface Casing      1,500 ft. @ \$      37.41 /ft.      13 3/8", 54.5#, J-55, ST4	510	\$56,000		\$56,000
Intermediate Casing      9348 ft. @ \$      36.00 /ft.      9 5/8", 40#, P-110, LT&C	520	\$337,000		\$337,000
Production Casing      18,170 ft. @ \$      20.00 /ft.      5-1/2", 20#, P-110 BTC-XP			530	\$363,000
Toe Initiator Sleeve      0 ft. @ \$      - /ft.      0			530	\$19,000
Surf Equ Trkg/Inst/Lbr			540	\$25,000
Tubing      10,930 ft. @ \$      5.75 /ft.      2-7/8", 6.5#, L-80, EUE			550	\$68,000
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	\$170,000
Flowline, Valves & Connections			610	\$50,000
<b>TOTAL TANGIBLES</b>		<b>\$405,000</b>		<b>\$752,000</b>
<b>TOTAL AFE</b>		<b>\$3,780,000</b>		<b>\$5,693,188</b>

### 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.

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SEP 29 2015

