

261600250

CONTINENTAL RESOURCES, INC.

P.O. Box 268870 OKC, OK 73102  
(405) 234-9000



2/29/16

AUTHORITY FOR EXPENDITURE

AFE No.: \_\_\_\_\_ Date: 01/15/16 Lease Name & No.: Sherry Lanelle 1-31-30XH  
Legal Description: SHL: 200' FSL & 1,650' FEL of Section 31-16N-11W County: Blaine State: Oklahoma  
BHL: 50' FNL & 1,650' FEL of Section 30-16N-11W  
Work Description: Drill and complete Mississippian, 9,833 ft lateral at 11,150 ft TVD 5.5 in. cemented long string to 21,255 ft; 43 stage frac

MAR 01 2016

Oil Based Mud system

Exploration XXX	Development:	Recompletion:	Supplemental:	T.D.: 21,255'
	Estimated Days	44	5	
INTANGIBLES	Code	Dry Hole	Completion	Total
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	\$1,360,000	060	\$293,000
Water	070	\$31,000	070	\$129,000
Drilling mud & chemicals	090	\$424,000	090	\$118,680
Bits & BHA	100	\$238,000	100	\$93,000
Surface rental tools & equipment	110	\$114,000	110	\$144,000
Drill pipe & work string rental	120	\$13,000	120	\$25,000
Cementing	130	\$45,000	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	\$39,000	160	\$0
Wireline services	170	\$40,000	170	\$243,000
Rental tanks	210	\$21,000	210	\$14,000
Stimulation services	230	\$0	230	\$3,655,000
Miscellaneous services & contingencies	240	\$0	240	\$269,000
Fuel	250	\$288,000	250	\$0
Directional tools and services	280	\$272,000	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	\$301,000
Insurance	350	\$0	350	\$0
Mud disposal	360	\$183,000	360	\$154,800
Field office expense - housing	470	\$51,000	470	\$0
Contract supervision	500	\$159,000	500	\$40,000
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		\$3,747,000	\$5,698,480	\$9,445,480
TANGIBLES				
Surface Casing 1,500 ft. @ \$ 28.00 /ft. 13 3/8", 54.5#, J-55, ST&C	510	\$42,000		\$42,000
Intermediate Casing 9367 ft. @ \$ 31.00 /ft. 9 5/8", 40#, P-110, LT&C	520	\$290,000		\$290,000
Production Casing 21,260 ft. @ \$ 19.00 /ft. 5-1/2", 20#, P-110 BTC			530	\$404,000
Toe Initiator Sleeve 0 ft. @ \$ - /ft.	0		530	\$19,000
Surf Equ Trkg/Inst/Lbr			540	\$55,000
Tubing 11,420 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		560	\$32,000
Packers & Subsurface Equipment			570	\$10,000
Pumping Unit & Prime Mover			580	\$0
Sucker Rods & Pump			590	\$0
Production Facility			600	\$183,000
Flowline, Valves & Connections			610	\$25,000
TOTAL TANGIBLES		\$344,000	\$799,000	\$1,143,000
TOTAL AFE		\$4,091,000	\$6,497,480	\$10,588,480

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.