

201602855

## CONTINENTAL RESOURCES, INC.

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

## AUTHORITY FOR EXPENDITURE

AFE No.: \_\_\_\_\_ Date: 8/8/2016 Lease Name & No.: Bowen FIU 1-34-27XH  
 Surface Hole Location: 200' FSL & 375' FWL Sec. 34-17N-12W County: Blaine County, OK  
 Bottom Hole Location: 50' FNL & 375' FWL Sec. 27-17N-12W Target Formation: Woodford 1 Well Pad  
 Work Description: Drill and complete single lateral Woodford horizontal with production facilities, 36 stages, 700000 lb/stg.

Exploration:	Development: XXX	Recompletion:	Supplemental:	T.D. 21,097	
			Estimated Days	44	
				0.75	
<b>INTANGIBLES</b>			Code	Dry Hole	
LEGAL & RECORDING FEES			5000010	\$53,000	
WELL SITE DAMAGES & PREEMPTIVE PAYMENTS			5000020	\$32,000	
LOCATION & ROAD CONSTRUCTION			5000030	\$160,000	
RESTORATION / RECLAMATION - FINAL			5000031	\$5,000	
LOCATION & ROAD CONST. - MATERIALS			5000032	\$10,000	
PUBLIC / COUNTY ROAD FEES			5000033	\$10,000	
LOCATION - INTERIM CLEANUP & MAINTENANCE			5000034	\$5,000	
DUST ABATEMENT - LEASE ROAD			5000037	\$1,500	
DUST ABATEMENT - COUNTY ROAD			5000038	\$2,000	
DAMAGES - PERSONAL PROPERTY & TEMPORARY ROW			5000040		
RIG COSTS			5000060	\$1,193,000	
RIG MOBILIZATION / DEMOBILIZATION			5000061	\$201,563	
RIG COST - CATS			5000063		
RIG COST - SNUBBING UNIT			5000064		
FRESH WATER			5000070	\$15,000	
CHEMICALS - CORROSION INHIBITORS / SOAP STICKS / SURFACTANT			5000090	\$266,000	
MUD DIESEL / DISTILLATE			5000092	\$147,840	
BITS			5000100	\$152,000	
BHA & DOWNHOLE TOOLS			5000101	\$81,000	
FRAC PLUGS - COMP / DISCO / V			5000102		
SURFACE RENTAL TOOLS & EQUIP			5000110	\$47,000	
DRILLPIPEWORKSTRING RENTAL			5000120	\$8,000	
DRILLPIPEWORKSTRING INSPECTION, HARDBANDING			5000121	\$10,000	
DBH / DRILLPIPE REPLACE & LOSS			5000122	\$6,000	
CEMENT & CASING SERVICES - SURFACE / INTERMEDIATE			5000130	\$45,000	
CEMENT & CASING SERVICES - LINER / PRODUCTION			5000131	\$70,000	
TECHNICAL SERVICES - FLOWBACK COMPLETION			5000141		
TECHNICAL SERVICES - FLOWBACK PRODUCTION			5000142		
MISCELLANEOUS LABOR - 3RD PARTY			5000151	\$60,000	
MISCELLANEOUS TRANSPORTATION - 3RD PARTY TANGIBLE			5000152	\$10,000	
MISCELLANEOUS TRUCKING / HOT SHOTS - INTANGIBLE			5000153	\$10,000	
DOWNHOLE TESTING & ANALYSIS			5000160	\$21,000	
WIRELINE & PERFORATING SERVICE			5000170	\$15,000	
WIRELINE - CASED HOLE LOGS			5000172		
RENTAL TANKS, PITS, LINERS			5000210	\$15,840	
TANK MOBILIZATION / DEMOBILIZATION / HAUL			5000211		
METHANOL			5000220	\$629	
STIMULATION SERVICES			5000230		
MISC SERVICES / CONTINGENCIES			5000240	\$185,000	
FUEL DIESEL, GAS & PROPANE			5000250	\$246,000	
FIELD ELECTRIC POWER			5000280	\$25,000	
DIRECTIONAL SERVICES / SURVEYS			5000280	\$316,000	
CASING CREW			5000300	\$48,000	
PUMPING SERVICES			5000340		
MUD DISPOSAL / SOIL FARM / PRODUCTION WATER			5000360	\$37,500	
DISPOSAL - TRANSPORT LIQUIDS			5000361	\$39,000	
DISPOSAL - TRANSPORT SOLIDS			5000362	\$78,000	
DISPOSAL - MATERIALS, FLASH			5000364	\$16,500	
DISPOSAL - EQUIPMENT RENTAL			5000365	\$52,800	
STIMULATION - COMPLETION FRAC WATER DISPOSAL			5000366		
SALT WATER DISPOSAL			5000370		
FIELD OFFICE EXPENSE			5000470	\$24,000	
FIELD OFFICE - MISCELLANEOUS SUPPLIES			5000471	\$5,000	
CONTRACT SUPERVISION			5000500	\$154,000	
SURF. EQUIP LABOR / INSTALL			5000541		
SURF. EQUIP TRANSPORTATION			5000542		
<b>TOTAL INTANGIBLES</b>					
			\$3,881,171	\$4,521,724	
				\$8,402,895	
<b>TANGIBLES</b>					
SURFACE CASING			1,500 ft @ \$ 22.00 / ft	5000510	\$35,000
INTERMEDIATE CASING			8,900 ft @ \$ 24.00 / ft	5000520	\$218,000
PRODUCTION CASING / LINER			21,097 ft @ \$ 15.00 / ft	5000530	\$320,600
TUBING			13-5/8" 30QW x 13.3/8" 3K x 11" 5K x 7-1/8" 10K x 2-3/8" 10K	5000550	
WELLHEAD EQUIPMENT				5000560	\$40,600
PACKERS & SUBSURFACE EQUIP				5000570	\$14,000
PRODUCTION FACILITY - PERMANENT				5000600	
PRODUCTION FACILITY - SECONDARY CONTAINMENT				5000602	
ENVIRONMENTAL FIXED EQUIPMENT				5000608	
FLOWLINE VALVES / CONNECTIONS				5000610	
SCADA WELL SITE EQUIPMENT				5000625	
SCADA LABOR / CONSULTING				5000626	
<b>TOTAL TANGIBLES</b>					
			\$628,200	\$354,020	\$982,220
<b>TOTAL AFE</b>					
			\$4,509,371	\$4,875,744	\$9,385,115

APPROVAL:

Operator:

CONTINENTAL RESOURCES, INC.

Non-Operator:

Company:

Operations:

Date:

By:

Date:

Date:

Geology:

Wt: %

Land:

Date:

Printed: 8/18/2016

Bowen FIU 1-34-27XH AFE for Hearing 2016-08-08 D XLSX

AUG 22 2016

