

201603420

CONTINENTAL RESOURCES, INC.

P.O. Box 268670
OKC, OK 73162
(405) 234-900011/8/16
AUTHORITY FOR EXPENDITURE

AFE No.: _____ Date: 9/28/16 Lease Name & No.: _____ City of Watonga FIU 1-24H

Surface Hole Location: 200' FSL & 490' FEL Sec 24-17N-12W County: Blaine County, OK

Bottom Hole Location: 60' FNL & 430' FEL Sec 24-17N-12W Target Formation: Woodford 1 Well Pad

Work Description: Drill and complete single lateral Woodford horizontal with production facilities, 17 stages, 700000 lb/stg.

Exploration:	Development: XXX	Recompletion:	Supplemental:	T.D. 15,025
			Estimated Days 28	0.75
INTANGIBLES				
LEGAL & RECORDING FEES	5000010		\$53,000	\$1,000
WELL SITE DAMAGES & PREEMPTIVE PAYMENTS	5000020		\$32,000	
LOCATION & ROAD CONSTRUCTION	5000030		\$160,000	\$23,500
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		\$3,000	
RIG COSTS	5000060		\$796,000	\$10,000
RIG MOBILIZATION / DEMOBILIZATION	5000061		\$120,939	
RIG COST - CATS	5000063			\$125,000
RIG COST - SNUBBING UNIT	5000064			\$6,000
FRESH WATER	5000070		\$12,600	\$112,680
CHEMICALS - CORROSION INHIBITORS/ SOAP STICKS/SURFACTANT	5000080		\$213,000	\$73,670
MUD DIESEL / DISTILLATE	5000092		\$97,440	
BITS	5000100		\$152,000	
BHA & DOWNHOLE TOOLS	5000101		\$82,000	\$10,000
FRAC PLUGS - COMPOUND/LOSS	5000102			\$17,600
SURFACE RENTAL TOOLS & EQUIP	5000110		\$35,000	\$84,025
DRILLPIPE/WORKSTRING RENTAL	5000120		\$8,000	\$32,500
DRILLPIPE/WORKSTRING INSPECTION, HARD-BANDING	5000121		\$10,000	
DRILL/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			\$44,200
TECHNICAL SERVICES - FLOWBACK PRODUCTION	5000142			\$70,000
MISCELLANEOUS LABOR - 3RD PARTY	5000151		\$80,000	\$10,000
MISCELLANEOUS TRANSPORTATION - 3RD PARTY TANGIBLE	5000152		\$10,000	\$6,050
MISCELLANEOUS TRUCKING / HOT SHOTS- INTANGIBLE	5000153		\$10,000	
DOWNHOLE TESTING & ANALYSIS	5000180		\$16,000	
WIRELINE & PERFORATING SERVICE	5000170		\$15,000	\$64,000
WIRELINE - CASED HOLE LOGS	5000172			\$5,500
RENTAL TANKS, PITS, LINERS	5000210		\$10,440	
TANK MOBILIZATION / DEMOBILIZATION / HAUL	5000211			\$500
METHANOL	5000220		\$414	
STIMULATION SERVICES	5000230			\$1,375,000
MISC SERVICES/CONTINGENCIES	5000240		\$145,000	\$102,610
FUEL, DIESEL, GAS & PROPANE	5000250		\$162,000	
FIELD ELECTRIC POWER	5000260		\$25,000	\$15,000
DIRECTIONAL SERVICES/SURVEYS	5000280		\$280,000	
CASING CREW	5000310		\$50,000	
PUMPING SERVICES	5000340			\$59,990
MUD DISPOSAL / SOIL FARM / PRODUCTION WATER	5000350		\$37,500	
DISPOSAL - TRANSPORT LIQUIDS	5000361		\$39,000	
DISPOSAL - TRANSPORT SOLIDS	5000362		\$78,000	
DISPOSAL - MATERIALS, FLASH	5000384		\$10,875	
DISPOSAL - EQUIPMENT RENTAL	5000385		\$34,800	
STIMULATION - COMPLETION FRAC WATER DISPOSAL	5000386			\$15,000
SALT WATER DISPOSAL	5000370			\$67,544
FIELD OFFICE EXPENSE	5000470		\$20,000	
FIELD OFFICE - MISCELLANEOUS SUPPLIES	5000471		\$5,000	
CONTRACT SUPERVISION	5000500		\$102,000	\$30,000
SURF EQUIP LABOR / INSTALL	5000541			\$54,000
SURF EQUIP TRANSPORTATION	5000542			\$3,500

TOTAL INTANGIBLES

\$3,036,907 \$2,434,049 \$5,470,956

TANGIBLES				
SURFACE CASING 1,500 ft @ \$ 27.65 /ft	5000510		\$43,000	\$43,000
INTERMEDIATE CASING 8,560 ft @ \$ 30.25 /ft	5000520		\$263,000	\$263,000
PRODUCTION CASING/LINE 15,025 ft @ \$ 18.67 /ft	5000530		\$283,600	\$283,600
TUBING 13 5/8" SOW x 13 3/8" BK x 11' 30K x 7-1/8" 10K x 2 3/8" 10K	5000550			\$42,464
WELLHEAD EQUIPMENT	5000560		\$40,800	\$19,696
PACKERS & SUBSURFACE EQUIP	5000570		\$14,000	\$10,000
PRODUCTION FACILITY - PERMANENT	5000600			\$98,848
PRODUCTION FACILITY - SECONDARY CONTAINMENT	5000602			\$25,000
ENVIRONMENTAL FIXED EQUIPMENT	5000609		\$25,000	\$25,000
FLOWLINE/VALVES/CONNECTIONS	5000610		\$65,000	\$65,000
SCADA WELL SITE EQUIPMENT	5000625		\$45,000	\$45,000
SCADA LABOR/CONSULTING	5000626		\$4,000	\$4,000
	5000640		\$19,000	\$13,000

TOTAL TANGIBLES

\$644,200 \$342,398 \$986,598

TOTAL AFE

\$3,681,107 \$2,776,446 \$6,457,553

APPROVAL:

Operator: _____

Non-Operator: _____

CONTINENTAL RESOURCES, INC.

Company: _____

Operations: _____

Date: _____

By: _____

Date: _____

Geology: _____

Date: _____

WI: _____ %

Land: _____

Printed: 11/9/2016

City of Watonga (Toms Petty).xlsx

NOV 08 2016

