

CD 201602810

CONTINENTAL RESOURCES, INC.

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

AUTHORITY FOR EXPENDITURE

AFE No.: _____ Date: 8/23/2016 Lease Name & No.: McPherson FIU 1-33-28XH

Surface Hole Location: 200' FSL & 430' FEL of Section 33-17N-12W County: Blaine County, OK

Bottom Hole Location: 50' FNL & 380' FEL of Section 28-17N-12W 1 Well Pad

Work Description: Drill and complete single lateral Mississippi horizontal with production facilities, 36 stages, 790000 lb/stg.

Exploration:	Development: XXX	Recompletion:	Supplemental:	T.D. 20,615
Estimated Days	44	0.75		
Code	Dry Hole	Completion	Total	
INTANGIBLES				
LEGAL & RECORDING FEES	5000010	\$53,000	\$1,000	\$54,000
WELL SITE DAMAGES & PREEMPTIVE PAYMENTS	5000020	\$32,000		\$32,000
LOCATION & ROAD CONSTRUCTION	5000030	\$180,000	\$23,500	\$183,500
RESTORATION / RECLAMATION - FINAL	5000031	\$5,000		\$5,000
LOCATION & ROAD CONST. - MATERIALS	5000032	\$10,000		\$10,000
PUBLIC / COUNTY ROAD FEES	5000033	\$10,000		\$10,000
LOCATION - INTERIM CLEANUP & MAINTENANCE	5000034	\$5,000		\$5,000
DUST ABATEMENT - LEASE ROAD	5000037	\$1,500		\$1,500
DUST ABATEMENT - COUNTY ROAD	5000038	\$2,000		\$2,000
DAMAGES PERSONAL PROPERTY & TEMPORARY ROW	5000040		\$3,000	\$3,000
RIG COSTS	5000080	\$1,193,000	\$16,000	\$1,209,000
RIG MOBILIZATION / DEMOBILIZATION	5000081	\$201,563		\$201,563
RIG COST - CATS	5000063		\$125,000	\$125,000
RIG COST - SNUBBING UNIT	5000064		\$5,000	\$5,000
FRESH WATER	5000070	\$16,000	\$235,780	\$251,780
CHEMICALS - CORROSION INHIBITORS / SOAP / STICKS / SURFACTANT	5000090	\$269,000	\$140,380	\$409,380
MUD DIESEL / DISTILLATE	5000092	\$147,640		\$147,640
BITS	5000100	\$197,000		\$197,000
BHA & DOWNHOLE TOOLS	5000101	\$91,000	\$10,000	\$101,000
FRAC PLUGS - COMP/DISSOLV	5000102		\$38,500	\$38,500
SURFACE RENTAL TOOLS & EQUIP	5000110	\$47,000	\$138,775	\$185,775
DRILLPIPE/WORKSTRING RENTAL	5000120	\$8,000	\$32,800	\$40,800
DRILLPIPE/WORKSTRING INSPECTION, HARD BANDING	5000121	\$10,000		\$10,000
DBHA/DRILLPIPE REPLACE & LOSS	5000122	\$5,000		\$5,000
CEMENT & CASING SERVICES - SURFACE/INTERMEDIATE	5000130	\$45,000		\$45,000
CEMENT & CASING SERVICES - LINER/PRODUCTION	5000131	\$70,000		\$70,000
TECHNICAL SERVICES - FLOWBACK COMPLETION	5000141		\$44,200	\$44,200
TECHNICAL SERVICES - FLOWBACK PRODUCTION	5000142		\$70,000	\$70,000
MISCELLANEOUS LABOR - 3RD PARTY	5000151	\$80,000	\$10,000	\$90,000
MISCELLANEOUS TRANSPORTATION - 3RD PARTY TANGIBLE	5000152	\$10,000	\$8,050	\$18,050
MISCELLANEOUS TRUCKING / HOT SHOTS - INTANGIBLE	5000153	\$10,000		\$10,000
DOWNHOLE TESTING & ANALYSIS	5000160	\$21,000		\$21,000
WIRELINE & PERFORATING SERVICE	5000170	\$15,000	\$140,000	\$155,000
WIRELINE - CASING HOLE LOGS	5000172		\$5,500	\$5,500
RENTAL TANKS, PITS, LINERS	5000210	\$15,840		\$15,840
TANK MOBILIZATION / DEMOBILIZATION / HAUL	5000211		\$500	\$500
METHANOL	5000220	\$629		\$629
STIMULATION SERVICES	5000230		\$2,895,000	\$2,895,000
MISC SERVICES/CONTINGENCIES	5000240	\$184,000	\$198,104	\$382,104
FUEL, DIESEL, GAS & PROPANE	5000250	\$245,000		\$245,000
FIELD ELECTRIC POWER	5000260	\$25,000	\$15,000	\$40,000
DIRECTIONAL SERVICES/SURVEYS	5000280	\$278,000		\$278,000
CASING CREW	5000300	\$48,000		\$48,000
PUMPING SERVICES	5000340		\$116,420	\$116,420
MUD DISPOSAL / SOIL FARM / PRODUCTION WATER	5000360	\$37,500		\$37,500
DISPOSAL - TRANSPORT LIQUIDS	5000361	\$39,000		\$39,000
DISPOSAL - TRANSPORT SOLIDS	5000362	\$78,000		\$78,000
DISPOSAL - MATERIALS FLASH	5000364	\$16,500		\$16,500
DISPOSAL - EQUIPMENT RENTAL	5000365	\$92,800		\$92,800
STIMULATION COMPLETION FRAC WATER DISPOSAL	5000366		\$15,000	\$15,000
SALT WATER DISPOSAL	5000370		\$136,500	\$136,500
FIELD OFFICE EXPENSE	5000470	\$24,000		\$24,000
FIELD OFFICE - MISCELLANEOUS SUPPLIES	5000471	\$5,000		\$5,000
CONTRACT SUPERVISION	5000500	\$194,000	\$30,000	\$184,000
SURF EQUIP LABOR / INSTALL	5000541		\$54,000	\$54,000
SURF EQUIP TRANSPORTATION	5000542		\$3,500	\$3,500
TOTAL INTANGIBLES		\$3,857,171	\$4,504,189	\$8,361,360
TANGIBLES				
SURFACE CASING 1,500 ft @ \$ 21.50 /ft	5000510	\$34,000		\$34,000
INTERMEDIATE CASING 8,290 ft @ \$ 23.50 /ft	5000520	\$217,000		\$217,000
PRODUCTION CASING/LINER 20,615 ft @ \$ 14.50 /ft	5000530	\$303,600		\$303,600
TUBING 12-5/8" SOW x 13 3/8" 3K x 11" 5K x 7-1/16" 10K x 2-8/16" 10K	5000550		\$41,108	\$41,108
WELLHEAD EQUIPMENT	5000560	\$40,600	\$10,086	\$50,686
PACKERS & SUBSURFACE EQUIP	5000570	\$14,000	\$10,000	\$24,000
PRODUCTION FACILITY - PERMANENT	5000590		\$96,848	\$96,848
PRODUCTION FACILITY - SECONDARY CONTAINMENT	5000602		\$25,000	\$25,000
ENVIRONMENTAL FIXED EQUIPMENT	5000608		\$25,000	\$25,000
FLOWLINE VALVES/CONNECTIONS	5000610		\$55,000	\$55,000
SCADA WELL SITE EQUIPMENT	5000625		\$45,000	\$45,000
SCADA LABOR/CONSULTING	5000626		\$4,000	\$4,000
ELECTRICAL EQUIPMENT	5000640		\$13,000	\$13,000
TOTAL TANGIBLES		\$609,200	\$341,040	\$950,240
TOTAL AFE		\$4,466,371	\$4,845,229	\$9,311,600

APPROVAL: *Math Olson*Operator: *4-8-16*

Non-Operator:

CONTINENTAL RESOURCES, INC.

Company: _____

Operations: _____

Date: _____

By: _____

Geology: _____

Date: _____

Date: _____

WI: _____ %

Land: _____

Printed: 9/8/2016

McPherson 1-33-28XH AFE for hearing MS.xlsx

SEP 12 2016