



Authorization for Expenditure

CD 201603822

AFE # XX-120419.01

Well Name: MERAMEC 33-16N-11W 1H

Cost Center Number: 1093494301

Legal Description: SECTION 33-16N-11W

Revision: ☐

AFE Date: 9/13/2016

State: OK

County/Parish: BLAINE

Explanation and Justification:

DRILL AND COMPLETE A 5,000' LATERAL MERAMEC WELL.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6010100	EMPLOYEE SALARIES	0.00	5,000.00	0.00	5,000.00
6060100	DYED LIQUID FUELS	79,000.00	0.00	0.00	79,000.00
6060130	GASEOUS FUELS	25,000.00	0.00	0.00	25,000.00
6070100	GENERATORS SVC	17,000.00	0.00	0.00	17,000.00
6080100	DISPOSAL - SOLIDS	90,000.00	0.00	0.00	90,000.00
6080110	DISP-SALTWATER & OTH	0.00	107,186.00	0.00	107,186.00
6090100	FLUIDS - WATER	5,000.00	42,300.00	0.00	47,300.00
6100100	PERMIT SURVEY&TITLE	20,000.00	0.00	0.00	20,000.00
6100110	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
6110120	ROAD&SITE PREP M&S	0.00	14,383.60	0.00	14,383.60
6110130	ROAD&SITE PREP SVC	133,000.00	0.00	0.00	133,000.00
6110170	DAMAGE & REMEDIATION	25,000.00	0.00	0.00	25,000.00
6130170	COMM SVCS - OTHER	7,000.00	0.00	0.00	7,000.00
6130360	RTOC - ENGINEERING	27,000.00	0.00	0.00	27,000.00
6130370	RTOC - GEOSTEERING	23,000.00	0.00	0.00	23,000.00
6140160	ENV-SERVICES	0.00	5,400.00	0.00	5,400.00
6150100	CH LOG PERFRTG&WL SV	0.00	170,553.00	0.00	170,553.00
6160100	MATERIALS & SUPPLIES	12,000.00	0.00	0.00	12,000.00
6170100	PULLING&SWABBING SVC	0.00	14,000.00	0.00	14,000.00
6170110	SNUBBG&COIL TUBG SVC	0.00	247,255.00	0.00	247,255.00
6190100	TRCKG&HL-SOLID&FLUID	5,000.00	0.00	0.00	5,000.00
6190110	TRUCKING&HAUL OF EQP	14,000.00	20,910.86	0.00	34,910.86
6200130	CONSLT-TECH&PROF SVC	120,000.00	36,500.00	0.00	156,500.00
6230120	SAFETY SERVICES	22,000.00	3,400.00	0.00	25,400.00
6300270	SOLIDS CONTROL SRVCS	32,000.00	0.00	0.00	32,000.00
6310120	STIMULATION SERVICES	0.00	1,821,000.00	0.00	1,821,000.00
6310200	CASING & TUBULAR SVC	68,000.00	0.00	0.00	68,000.00
6310250	CEMENTING SERVICES	137,000.00	0.00	0.00	137,000.00
6310270	CRANE SERVICES	0.00	2,200.00	0.00	2,200.00
6310280	DAYWORK COSTS	694,000.00	0.00	0.00	694,000.00
6310300	DIRECTIONAL SERVICES	185,000.00	0.00	0.00	185,000.00
6310310	DRILL BITS	112,000.00	0.00	0.00	112,000.00
6310330	DRILL&COMP FLUID&SVC	296,000.00	0.00	0.00	296,000.00
6310360	FOOTAGE COSTS	0.00	10,840.00	0.00	10,840.00
6310370	MOB & DEMOBILIZATION	207,000.00	0.00	0.00	207,000.00
6310380	OPEN HOLE EVALUATION	16,000.00	0.00	0.00	16,000.00
6310600	MISC PUMPING SERVICE	0.00	42,400.00	0.00	42,400.00
6320100	EQPMNT SVC-SRF RNTL	78,000.00	274,850.00	0.00	352,850.00
6320110	EQUIP SVC - DOWNHOLE	63,000.00	53,308.00	0.00	116,308.00
6320160	WELDING SERVICES	3,000.00	0.00	0.00	3,000.00
6520100	LEGAL FEES	5,000.00	0.00	0.00	5,000.00
6550110	MISCELLANEOUS SVC	61,000.00	11,500.00	0.00	72,500.00
6550120	OTHER ROUSTABOUT SER	0.00	47,215.80	0.00	47,215.80
6630110	CAPITAL OVERHEAD	14,000.00	10,000.00	0.00	24,000.00

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



OCT 10 2016



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Cost Center Number: 1093494301

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AFE Date:

State: OK

County/Parish: BLAINE

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6740340	TAXES OTHER	0.00	108,559.00	0.00	108,559.00
	Total Intangibles	2,600,000.00	3,048,761.26	0.00	5,648,761.26

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060180	ELEC & PWRLINE EQUIP	0.00	74,195.00	0.00	74,195.00
6120120	MEASUREMENT EQUIP	0.00	22,740.86	0.00	22,740.86
6130120	COMM DEVICES - SCADA	0.00	63,250.00	0.00	63,250.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	63,800.00	0.00	63,800.00
6310460	WELLHEAD EQUIPMENT	36,000.00	80,000.00	0.00	116,000.00
6310490	WELL TESTING EQUIP	0.00	132,515.00	0.00	132,515.00
6310530	SURFACE CASING	56,000.00	0.00	0.00	56,000.00
6310540	INTERMEDIATE CASING	357,000.00	0.00	0.00	357,000.00
6310550	PRODUCTION CASING	388,000.00	0.00	0.00	388,000.00
6310580	CASING COMPONENTS	43,000.00	0.00	0.00	43,000.00
6320180	EQUIPMENT OTHER	0.00	157,670.36	0.00	157,670.36
6330100	PIPE,FIT,FLANG,CPLNG	0.00	112,583.66	0.00	112,583.66
	Total Tangibles	900,000.00	706,754.88	0.00	1,606,754.88

TOTAL ESTIMATED COST	3,500,000.00	3,755,516.14	0.00	7,255,516.14
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.

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