



## Authorization for Expenditure

CD 201700344

AFE # XX-120337.01

Well Name: MERAMEC 4-16N-9W 1H

Cost Center Number: 1093501101

Legal Description: SECTION 4-16N-9W

Revision: ☐

AFE Date:

2/01/2017

State:

OK

County/Parish:

KINGFISHER

## Explanation and Justification:

COSTS TO DRILL AND COMPLETE A 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	28,000.00	0.00	0.00	28,000.00
6070100	GENERATORS SVC	8,000.00	0.00	0.00	8,000.00
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	0.00	42,300.00	0.00	42,300.00
6090110	FLUIDS-LUBE&HYDR OIL	3,000.00	0.00	0.00	3,000.00
6100100	PERMIT SURVEY&TITLE	13,000.00	0.00	0.00	13,000.00
6100110	RIGHT OF WAY	8,000.00	0.00	0.00	8,000.00
6110120	ROAD&SITE PREP M&S	0.00	14,383.60	0.00	14,383.60
6110130	ROAD&SITE PREP SVC	155,000.00	0.00	0.00	155,000.00
6110170	DAMAGE & REMEDIATION	25,000.00	0.00	0.00	25,000.00
6130370	RTOC - GEOSTEERING	13,000.00	0.00	0.00	13,000.00
6140100	ENV-COMMNTY CONSULTS	8,000.00	0.00	0.00	8,000.00
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
6170100	PULLING&SWABBING SVC	2,000.00	14,000.00	0.00	16,000.00
6170110	SNUBBG&COIL TUBG SVC	0.00	247,255.00	0.00	247,255.00
6190110	TRUCKING&HAUL OF EQP	4,000.00	20,910.86	0.00	24,910.86
6190120	MAIL & COURIER COSTS	12,000.00	0.00	0.00	12,000.00
6200130	CONST-TECH&PROF SVC	4,000.00	36,500.00	0.00	40,500.00
6230110	SECURITY SERVICES	83,000.00	0.00	0.00	83,000.00
6230120	SAFETY SERVICES	12,000.00	3,400.00	0.00	15,400.00
6300270	SOLIDS CONTROL SRVCS	28,000.00	0.00	0.00	28,000.00
6310120	STIMULATION SERVICES	0.00	1,821,000.00	0.00	1,821,000.00
6310200	CASING & TUBULAR SVC	30,000.00	0.00	0.00	30,000.00
6310250	CEMENTING SERVICES	101,000.00	0.00	0.00	101,000.00
6310270	CRANE SERVICES	0.00	2,200.00	0.00	2,200.00
6310280	DAYWORK COSTS	345,000.00	0.00	0.00	345,000.00
6310300	DIRECTIONAL SERVICES	155,000.00	0.00	0.00	155,000.00
6310310	DRILL BITS	83,000.00	0.00	0.00	83,000.00
6310330	DRILL&COMP FLUID&SVC	132,000.00	0.00	0.00	132,000.00
6310360	FOOTAGE COSTS	0.00	10,840.00	0.00	10,840.00
6310370	MOB & DEMOBILIZATION	248,000.00	0.00	0.00	248,000.00
6310380	OPEN HOLE EVALUATION	12,000.00	0.00	0.00	12,000.00
6310600	MISC PUMPING SERVICE	0.00	42,400.00	0.00	42,400.00
6320100	EQPMNT SVC-SRF RNTL	35,000.00	274,850.00	0.00	309,850.00
6320110	EQUIP SVC - DOWNHOLE	8,000.00	53,308.00	0.00	61,308.00
6320160	WELDING SERVICES	4,000.00	0.00	0.00	4,000.00
6520100	LEGAL FEES	7,500.00	0.00	0.00	7,500.00
6550110	MISCELLANEOUS SVC	24,000.00	11,500.00	0.00	35,500.00
6550120	OTHER ROUSTABOUT SER	0.00	47,215.80	0.00	47,215.80
6630110	CAPITAL OVERHEAD	8,000.00	10,000.00	0.00	18,000.00
6740340	TAXES OTHER	0.00	108,559.00	0.00	108,559.00



FEB 14 2017

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.



### Authorization for Expenditure

AFE # XX-120337.01

Well Name: MERAMEC 4-16N-9W 1H

Cost Center Number: 1093501101

Legal Description: SECTION 4-16N-9W

Revision: ☐

AFE Date:

State: OK

County/Parish: KINGFISHER

	Total Intangibles	1,688,500.00	3,048,761.26	0.00	4,737,261.26
--	-------------------	--------------	--------------	------	--------------

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6080180	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	2,000.00	63,250.00	0.00	65,250.00
6310150	CASG-COND&DRIVE PIPE	17,500.00	0.00	0.00	17,500.00
6310420	TUBING & COMPONENTS	0.00	63,800.00	0.00	63,800.00
6310460	WELLHEAD EQUIPMENT	25,000.00	80,000.00	0.00	105,000.00
6310490	WELL TESTING EQUIP	0.00	132,515.00	0.00	132,515.00
6310530	SURFACE CASING	50,000.00	0.00	0.00	50,000.00
6310550	PRODUCTION CASING	235,000.00	0.00	0.00	235,000.00
6310580	CASING COMPONENTS	35,000.00	0.00	0.00	35,000.00
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	364,500.00	706,754.88	0.00	1,071,254.88

TOTAL ESTIMATED COST	2,053,000.00	3,755,516.14	0.00	5,808,516.14
----------------------	--------------	--------------	------	--------------

#### WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

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

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.