



Authorization for Expenditure

CD: 201604832

AFE # XX-120244.01

Well Name: MRMC 8_5-15N-10W 1HX

Cost Center Number: 1093503401

Legal Description: SECTIONS 8 & 5-15N-10W

Revision: ☐

AFE Date: 11/26/2016

State: OK

County/Parish: BLAINE

Explanation and Justification:

COSTS TO DRILL AND COMPLETE A MULTI-UNIT 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	93,000.00	0.00	0.00	93,000.00
6070100	GENERATORS SVC	22,000.00	0.00	0.00	22,000.00
6080100	DISPOSAL - SOLIDS	95,000.00	0.00	0.00	95,000.00
6080110	DISP-SALTWATER & OTH	0.00	121,010.00	0.00	121,010.00
6090100	FLUIDS - WATER	7,000.00	43,450.00	0.00	50,450.00
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
6130170	COMM SVCS - OTHER	6,000.00	0.00	0.00	6,000.00
6130360	RTOC - ENGINEERING	34,000.00	0.00	0.00	34,000.00
6130370	RTOC - GEOSTEERING	33,000.00	0.00	0.00	33,000.00
6140160	ENV-SERVICES	0.00	10,800.00	0.00	10,800.00
6150100	CH LOG PERFRTG&WL SV	0.00	213,200.00	0.00	213,200.00
6160100	MATERIALS & SUPPLIES	4,000.00	0.00	0.00	4,000.00
6170100	PULLING&SWABBING SVC	0.00	50,400.00	0.00	50,400.00
6170110	SNUBBG&COIL TUBG SVC	0.00	300,000.00	0.00	300,000.00
6190100	TRCKG&HL-SOLID&FLUID	12,000.00	0.00	0.00	12,000.00
6190110	TRUCKING&HAUL OF EQP	27,000.00	21,260.86	0.00	48,260.86
6200130	CONSLT-TECH&PROF SVC	196,000.00	64,750.00	0.00	260,750.00
6230120	SAFETY SERVICES	28,000.00	6,800.00	0.00	34,800.00
6300270	SOLIDS CONTROL SRVCS	34,000.00	0.00	0.00	34,000.00
6310120	STIMULATION SERVICES	0.00	3,261,000.00	0.00	3,261,000.00
6310200	CASING & TUBULAR SVC	55,000.00	0.00	0.00	55,000.00
6310250	CEMENTING SERVICES	175,000.00	0.00	0.00	175,000.00
6310270	CRANE SERVICES	0.00	2,200.00	0.00	2,200.00
6310280	DAYWORK COSTS	924,000.00	0.00	0.00	924,000.00
6310300	DIRECTIONAL SERVICES	312,000.00	0.00	0.00	312,000.00
6310310	DRILL BITS	166,000.00	0.00	0.00	166,000.00
6310330	DRILL&COMP FLUID&SVC	318,000.00	0.00	0.00	318,000.00
6310370	MOB & DEMOBILIZATION	250,000.00	0.00	0.00	250,000.00
6310380	OPEN HOLE EVALUATION	30,000.00	0.00	0.00	30,000.00
6310600	MISC PUMPING SERVICE	0.00	78,600.00	0.00	78,600.00
6320100	EQPMNT SVC-SRF RNTL	97,000.00	309,290.00	0.00	406,290.00
6320110	EQUIP SVC - DOWNHOLE	28,000.00	53,308.00	0.00	81,308.00
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	40,000.00	19,694.00	0.00	59,694.00
6550120	OTHER ROUSTABOUT SER	0.00	47,215.80	0.00	47,215.80
6630110	CAPITAL OVERHEAD	19,000.00	17,500.00	0.00	36,500.00
6740340	TAXES OTHER	0.00	161,760.00	0.00	161,760.00
	Total Intangibles	3,217,500.00	4,801,622.26	0.00	8,019,122.26



DEC 19 2016

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-120244.01

Well Name: MRMC 8_5-15N-10W 1HX

Cost Center Number: 1093503401

Legal Description: SECTIONS 8 & 5-15N-10W

Revision: ☐

AFE Date: 11/26/2016

State: OK

County/Parish: BLAINE

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	2,000.00	22,740.86	0.00	24,740.86
6130120	COMM DEVICES - SCADA	0.00	63,250.00	0.00	63,250.00
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	42,000.00	108,500.00	0.00	150,500.00
6310490	WELL TESTING EQUIP	0.00	164,395.00	0.00	164,395.00
6310530	SURFACE CASING	50,000.00	0.00	0.00	50,000.00
6310540	INTERMEDIATE CASING	270,000.00	0.00	0.00	270,000.00
6310550	PRODUCTION CASING	426,000.00	0.00	0.00	426,000.00
6310580	CASING COMPONENTS	47,000.00	0.00	0.00	47,000.00
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	854,500.00	767,134.88	0.00	1,621,634.88

TOTAL ESTIMATED COST	4,072,000.00	5,568,757.14	0.00	9,640,757.14
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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.