



## Authorization for Expenditure

AFE # XX 122164 01  
Well Name TOMB RAIDER 1 12 FED 61H  
Cost Center Number  
Legal Description SEC 1 23S31E  
Revision ☐

AFE Date 11/17/2016  
State  
County/Parish

EXHIBIT

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Explanation and Justification

DRILL AND COMPLETION

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060100	DYED LIQUID FUELS	51,436 37	0 00	0 00	51,436 37
6080100	DISPOSAL SOLIDS	71,998 71	5,000 00	0 00	76,998 71
6080110	DISP SALTWATER & OTH	0 00	10,000 00	0 00	10,000 00
6080115	DISP VIA PIPELINE SW	0 00	72,000 00	0 00	72,000 00
6090100	FLUIDS WATER	28,777 30	630,000 00	0 00	658,777 30
6100100	PERMIT SURVEY&TITLE	40,000 00	5,000 00	0 00	45,000 00
6100110	RIGHT OF WAY	5,000 00	0 00	0 00	5,000 00
6110120	ROAD&SITE PREP M&S	0 00	101,489 00	0 00	101,489 00
6110130	ROAD&SITE PREP SVC	100,000 00	7 500 00	0 00	107,500 00
6110170	DAMAGE & REMEDIATION	10 000 00	0 00	0 00	10,000 00
6130130	COMM SERVICE SCADA	0 00	100 000 00	0 00	100,000 00
6130170	COMM SVCS OTHER	2,451 97	0 00	0 00	2,451 97
6130360	RTOC ENGINEERING	25,245 00	4,750 00	0 00	29,995 00
6130370	RTOC GEOSTEERING	10 525 00	0 00	0 00	10,525 00
6140100	ENV-COMMNTY CONSULTS	0 00	500 00	0 00	500 00
6150100	CH LOG PERFRTG&WL SV	0 00	266,250 00	0 00	266,250 00
6170100	PULLING&SWABBING SVC	0 00	12,500 00	0 00	12,500 00
6170110	SNUBBG&COIL TUBG SVC	0 00	275,000 00	0 00	275 000 00
6190100	TRCKG&HL SOLID&FLUID	65,585 41	5,000 00	0 00	70,585 41
6190110	TRUCKING&HAUL OF EQP	61,412 74	5,000 00	0 00	66,412 74
6200110	INSPECTION SERVICES	0 00	5,000 00	0 00	5,000 00
6200130	CONSLT TECH&PROF SVC	99 503 00	95,000 00	0 00	194,503 00
6230120	SAFETY SERVICES	39,108 66	5,000 00	0 00	44,108 66
6300270	SOLIDS CONTROL SRVCS	72,586 00	0 00	0 00	72,586 00
6310120	STIMULATION SERVICES	0 00	1,900,000 00	0 00	1,900,000 00
6310200	CASING & TUBULAR SVC	75 258 00	0 00	0 00	75,258 00
6310250	CEMENTING SERVICES	152,301 82	0 00	0 00	152,301 82
6310280	DAYWORK COSTS	507,543 61	0 00	0 00	507,543 61
6310300	DIRECTIONAL SERVICES	196,140 17	0 00	0 00	196,140 17
6310310	DRILL BITS	62,889 38	0 00	0 00	62,889 38
6310330	DRILL&COMP FLUID&SVC	83,253 54	10,000 00	0 00	93,253 54
6310370	MOB & DEMOBILIZATION	248,092.29	0 00	0 00	248,092.29
6310380	OPEN HOLE EVALUATION	16,357 46	0 00	0 00	16,357 46
6310480	TSTNG WELL PL & OTH	0 00	35,000 00	0 00	35 000 00
6310600	MISC PUMPING SERVICE	0 00	20,000 00	0 00	20,000 00
6320100	EQPMNT SVC-SRF RNTL	84,556 73	165,000 00	0 00	249,556 73
6320110	EQUIP SVC DOWNHOLE	35,215 00	0 00	0 00	35,215 00
6320160	WELDING SERVICES	1,179 49	25,074 00	0 00	26,253 49
6520100	LEGAL FEES	20,000 00	0 00	0 00	20,000 00
6550110	MISCELLANEOUS SVC	55,254 00	179,033 00	0 00	234,287 00
6550120	OTHER ROUSTABOUT SER	0 00	99,683 00	0 00	99,683 00
6630110	CAPITAL OVERHEAD	8,254 00	42,435 00	0 00	50,689 00
6740340	TAXES OTHER	136 87	190,000 00	0 00	190,136 87
	Total Intangibles	2,230 062 52	4,271,214 00	0 00	6,501,276 52

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



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Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6110150	FENCING & GATE COSTS	0 00	11,750 00	0 00	11 750 00
6120120	MEASUREMENT EQUIP	0 00	20,000 00	0 00	20,000 00
6130120	COMM DEVICES SCADA	0 00	15,000 00	0 00	15 000 00
6230130	SAFETY EQUIPMENT	570 00	0 00	0 00	570 00
6300220	STORAGE VESSEL&TANKS	0 00	100,000 00	0 00	100,000 00
6300230	PUMPS SURFACE	0 00	11 148 00	0 00	11,148 00
6310130	ARTIFICIAL LIFT EQP	0 00	25,000 00	0 00	25,000 00
6310150	CASG-COND&DRIVE PIPE	50,000 00	0 00	0 00	50,000 00
6310420	TUBING & COMPONENTS	0 00	75,000 00	0 00	75,000 00
6310480	WELLHEAD EQUIPMENT	51,481 49	33,000 00	0 00	84,481 49
6310530	SURFACE CASING	48,087 47	0 00	0 00	48,087 47
6310540	INTERMEDIATE CASING	139,279 37	0 00	0 00	139,279 37
6310550	PRODUCTION CASING	295,254 00	0 00	0 00	295,254 00
6310580	CASING COMPONENTS	24 479 79	0 00	0 00	24,479 79
6320180	EQUIPMENT OTHER	0 00	41,890 00	0 00	41,890 00
6330100	PIPE,FIT,FLANG,CPLNG	0 00	155,000 00	0 00	155,000 00
	Total Tangibles	809,132 12	487,786 00	0 00	1 098,918 12

TOTAL ESTIMATED COST	2,839 194 64	4,759,000 00	0 00	7,598,194 64
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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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