



2016 00018

## Authorization for Expenditure

AFE # XX-118204.01

Well Name: OLD RICKYS RIDGE 31\_30-14N-7W 1HX

Cost Center Number: 1093466401

Legal Description: SECTIONS 30 &amp; 31-14N-7W

Revision: ☐

AFE Date: 01/25/16

State: OK

County/Parish: CANADIAN

## Explanation and Justification:

THE PROPOSED CANA WELL WILL BE A 20,100' WOODFORD SHALE HORIZONTAL WITH APPROXIMATELY 10,000' OF LATERAL. IT WILL BE DRILLED FROM A SINGLE WELL PAD. THE PROJECT DETAILS ARE AS FOLLOWS: 17-1/2" HOLE TO 1,500' W/ 13-3/8" CASING, NUDGED 12-1/4" HOLE TO +/-10,000' W/ 9-5/8" INTERMEDIATE CASING, AND 8-3/4" LATERAL IN THE WOODFORD SHALE W/ 5-1/2" CASING TO SURFACE CEMENTED BACK INTO THE 9-5/8" CASING.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060100	DYED LIQUID FUELS	100,000.00	0.00	0.00	100,000.00
6060130	GASEOUS FUELS	15,000.00	0.00	0.00	15,000.00
6070100	GENERATORS SVC	27,000.00	0.00	0.00	27,000.00
6080100	DISPOSAL - SOLIDS	110,000.00	0.00	0.00	110,000.00
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	20,000.00	0.00	0.00	20,000.00
6100110	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
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	8,000.00	0.00	0.00	8,000.00
6130360	RTOC - ENGINEERING	30,000.00	0.00	0.00	30,000.00
6130370	RTOC - GEOSTEERING	25,000.00	0.00	0.00	25,000.00
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	11,000.00	0.00	0.00	11,000.00
6170100	PULLING&SWABBING SVC	0.00	14,000.00	0.00	14,000.00
6170110	SNUBBG&COIL TUBG SVC	0.00	336,400.00	0.00	336,400.00
6190100	TRCKG&HL-SOLID&FLUID	10,000.00	0.00	0.00	10,000.00
6190110	TRUCKING&HAUL OF EQP	36,000.00	2,050.00	0.00	38,050.00
6200130	CONSLT-TECH&PROF SVC	139,000.00	64,750.00	0.00	203,750.00
6230120	SAFETY SERVICES	30,000.00	6,800.00	0.00	36,800.00
6300270	SOLIDS CONTROL SRVCS	32,000.00	0.00	0.00	32,000.00
6310120	STIMULATION SERVICES	0.00	2,590,479.00	0.00	2,590,479.00
6310200	CASING & TUBULAR SVC	108,000.00	0.00	0.00	108,000.00
6310250	CEMENTING SERVICES	216,000.00	0.00	0.00	216,000.00
6310280	DAYWORK COSTS	759,000.00	0.00	0.00	759,000.00
6310300	DIRECTIONAL SERVICES	189,000.00	0.00	0.00	189,000.00
6310310	DRILL BITS	146,000.00	0.00	0.00	146,000.00
6310330	DRILL&COMP FLUID&SVC	238,000.00	0.00	0.00	238,000.00
6310360	FOOTAGE COSTS	0.00	13,120.00	0.00	13,120.00
6310370	MOB & DEMOBILIZATION	69,000.00	0.00	0.00	69,000.00
6310380	OPEN HOLE EVALUATION	28,000.00	0.00	0.00	28,000.00
6310480	TSTNG-WELL, PL & OTH	0.00	244,235.00	0.00	244,235.00
6310600	MISC PUMPING SERVICE	0.00	78,600.00	0.00	78,600.00
6320100	EQPMNT SVC-SRF RNTL	89,000.00	347,074.00	0.00	436,074.00
6320110	EQUIP SVC - DOWNHOLE	105,000.00	53,308.00	0.00	158,308.00
6320160	WELDING SERVICES	4,000.00	0.00	0.00	4,000.00
6520100	LEGAL FEES	5,000.00	0.00	0.00	5,000.00
6550110	MISCELLANEOUS SVC	40,000.00	97,194.16	0.00	137,194.16
6550120	OTHER ROUSTABOUT SER	0.00	51,500.00	0.00	51,500.00

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.



FEB 16 2016



## Authorization for Expenditure

AFE # XX-118204.01

Well Name: OLD RICKYS RIDGE 31\_30-14N-7W 1HX

AFE Date: 01/25/16

Cost Center Number: 1093466401

State: OK

Legal Description: SECTIONS 30 & 31-14N-7W

County/Parish: CANADIAN

Revision: ☐

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6630110	CAPITAL OVERHEAD	33,000.00	17,500.00	0.00	50,500.00
6740340	TAXES OTHER	0.00	171,169.84	0.00	171,169.84
	Total Intangibles	2,792,000.00	4,476,640.00	0.00	7,268,640.00

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	86,000.00	0.00	86,000.00
6120120	MEASUREMENT EQUIP	0.00	41,000.00	0.00	41,000.00
6300150	SEPARATOR EQUIPMENT	0.00	60,000.00	0.00	60,000.00
6300220	STORAGE VESSEL&TANKS	0.00	77,000.00	0.00	77,000.00
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	39,000.00	108,500.00	0.00	147,500.00
6310530	SURFACE CASING	57,000.00	0.00	0.00	57,000.00
6310540	INTERMEDIATE CASING	374,000.00	0.00	0.00	374,000.00
6310550	PRODUCTION CASING	551,000.00	0.00	0.00	551,000.00
6310580	CASING COMPONENTS	50,000.00	0.00	0.00	50,000.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	45,000.00	0.00	45,000.00
	Total Tangibles	1,091,000.00	481,300.00	0.00	1,572,300.00

TOTAL ESTIMATED COST	3,883,000.00	4,957,940.00	0.00	8,840,940.00
----------------------	--------------	--------------	------	--------------

### 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.