



Authorization for Expenditure

Section 9-15N-11W CD No.: 201604298, Section 16-15N-11W CD No.: 201604299

AFE # XX-120405.01

Well Name: BAKER 9_16-15N-11W 1HX Cost

Center Number: 1093565801

Legal Description: SECTIONS 9 & 16-15N-11W

Revision: ☐

AFE Date: 10/24/2016

State: OK

County/Parish: BLAINE

OCT 28 2016

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 |

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-120405.01

Well Name: BAKER 9 16-15N-11W 1HX

Center Number: 1093565801

Legal Description: SECTIONS 16 & 9-15N-11W

Revision: ☐

AFE Date: 10/24/2016

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 |

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|----------------------|--------------|--------------|------|--------------|
| 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.