



## Authorization for Expenditure

AFE # XX-105708.01

Well Name: WILLOW LAKE 35 FED COM 2H

AFE Date: 3/3/2015

Cost Center Number: 1092852901

State: NM

Legal Description: SEC 35, T24S-R28E

County/Parish: EDDY

Revision:

**Explanation and Justification:**

DRILL & COMPLETE THE WILLOW LAKE 35 FED COM 2H, A BONE SPRING OIL WELL TO BE LOCATED AT SHL 200' FSL & 1350' FEL, and BHL 330' FNL & 1980' FEL, Section 35, T24S-R28E, EDDY COUNTY, NEW MEXICO

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6010100	EMPLOYEE SALARIES	0.00	7,500.00	0.00	7,500.00
6060100	DYED LIQUID FUELS	110,400.00	0.00	0.00	110,400.00
6060110	LIQUID FUELS - OTHER	0.00	15,000.00	0.00	15,000.00
6060120	ELEC & UTILITIES	0.00	15,000.00	0.00	15,000.00
6080100	DISPOSAL - SOLIDS	100,000.00	0.00	0.00	100,000.00
6080110	DISP-SALTWATER & OTH	65,000.00	130,000.00	0.00	195,000.00
6090100	FLUIDS - WATER	60,000.00	305,000.00	0.00	365,000.00
6100100	PERMIT SURVEY&TITLE	95,000.00	0.00	0.00	95,000.00
6100110	RIGHT OF WAY	0.00	25,000.00	0.00	25,000.00
6110120	ROAD&SITE PREP M&S	30,000.00	7,500.00	0.00	37,500.00
6110130	ROAD&SITE PREP SVC	30,000.00	0.00	0.00	30,000.00
6120100	EI&C SERVICES	0.00	25,000.00	0.00	25,000.00
6130130	COMM SERVICE - SCADA	0.00	35,000.00	0.00	35,000.00
6130170	COMM SVCS - OTHER	6,000.00	0.00	0.00	6,000.00
6130360	RTOC - ENGINEERING	25,520.00	0.00	0.00	25,520.00
6130370	RTOC - GEOSTEERING	20,000.00	0.00	0.00	20,000.00
6140110	ENV-COMPLIANCE&FINES	0.00	1,500.00	0.00	1,500.00
6140160	ENV-SERVICES	0.00	5,000.00	0.00	5,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	180,000.00	0.00	180,000.00
6160100	MATERIALS & SUPPLIES	1,100.00	60,000.00	0.00	61,100.00
6170100	PULLING&SWABBING SVC	0.00	55,000.00	0.00	55,000.00
6170110	SNUBBG&COIL TUBG SVC	0.00	150,000.00	0.00	150,000.00
6190100	TRCKG&HL-SOLID&FLUID	0.00	35,000.00	0.00	35,000.00
6190110	TRUCKING&HAUL OF EQP	30,150.00	0.00	0.00	30,150.00
6200130	CONSLT-TECH&PROF SVC	148,915.00	40,000.00	0.00	188,915.00
6230120	SAFETY SERVICES	37,700.00	0.00	0.00	37,700.00
6300270	SOLIDS CONTROL SRVCS	85,000.00	0.00	0.00	85,000.00
6310120	STIMULATION SERVICES	0.00	2,100,000.00	0.00	2,100,000.00
6310200	CASING & TUBULAR SVC	90,000.00	30,000.00	0.00	120,000.00
6310250	CEMENTING SERVICES	300,000.00	0.00	0.00	300,000.00
6310280	DAYWORK COSTS	609,000.00	25,000.00	0.00	634,000.00
6310300	DIRECTIONAL SERVICES	238,600.00	0.00	0.00	238,600.00
6310310	DRILL BITS	70,000.00	0.00	0.00	70,000.00
6310330	DRILL&COMP FLUID&SVC	54,000.00	40,000.00	0.00	94,000.00
6310370	MOB & DEMOBILIZATION	127,400.00	0.00	0.00	127,400.00
6310380	OPEN HOLE EVALUATION	15,000.00	0.00	0.00	15,000.00
6310480	TSTNG-WELL, PL & OTH	0.00	50,000.00	0.00	50,000.00
6320100	EQPMNT SVC-SRF RNTL	107,792.00	110,000.00	0.00	217,792.00
6320110	EQUIP SVC - DOWNHOLE	40,000.00	130,000.00	0.00	170,000.00
6320160	WELDING SERVICES	38,000.00	140,000.00	0.00	178,000.00
6550110	MISCELLANEOUS SVC	55,000.00	20,000.00	0.00	75,000.00
6550120	OTHER ROUSTABOUT SER	0.00	20,000.00	0.00	20,000.00

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.

Oil Conservation Division  
 Case No. \_\_\_\_\_  
 Exhibit No. 8



### Authorization for Expenditure

AFE # XX-105708.01

Well Name: WILLOW LAKE 35 FED COM 2H

AFE Date: 3/3/2015

Cost Center Number: 1092852901

State: NM

Legal Description: SEC 35, T24S-R28E

County/Parish: EDDY

Revision:

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6630110	CAPITAL OVERHEAD	9,600.00	0.00	0.00	9,600.00
6740340	TAXES OTHER	221,445.12	170,000.00	0.00	391,445.12
	Total Intangibles	2,820,622.12	3,926,500.00	0.00	6,747,122.12

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6070110	GENERATORS EQUIP	0.00	25,000.00	0.00	25,000.00
6120110	E&C EQUIPMENT	0.00	5,000.00	0.00	5,000.00
6120120	MEASUREMENT EQUIP	0.00	78,000.00	0.00	78,000.00
6230130	SAFETY EQUIPMENT	8,500.00	0.00	0.00	8,500.00
6300150	SEPARATOR EQUIPMENT	0.00	70,000.00	0.00	70,000.00
6300210	TREATER FWKO EQUIP	0.00	45,000.00	0.00	45,000.00
6300220	STORAGE VESSEL&TANKS	0.00	60,000.00	0.00	60,000.00
6310130	ARTIFICIAL LIFT EQP	0.00	120,000.00	0.00	120,000.00
6310150	CASG-COND&DRIVE PIPE	50,000.00	0.00	0.00	50,000.00
6310420	TUBING & COMPONENTS	0.00	20,000.00	0.00	20,000.00
6310460	WELLHEAD EQUIPMENT	30,000.00	5,000.00	0.00	35,000.00
6310530	SURFACE CASING	26,000.00	0.00	0.00	26,000.00
6310540	INTERMEDIATE CASING	75,000.00	0.00	0.00	75,000.00
6310550	PRODUCTION CASING	242,000.00	0.00	0.00	242,000.00
6310580	CASING COMPONENTS	25,000.00	0.00	0.00	25,000.00
6320180	EQUIPMENT OTHER	0.00	67,000.00	0.00	67,000.00
6330100	PIPE, FIT, FLANG, CPLNG	0.00	25,000.00	0.00	25,000.00
6340100	INSTR TUBING&FITTING	0.00	60,000.00	0.00	60,000.00
	Total Tangibles	456,500.00	580,000.00	0.00	1,036,500.00

TOTAL ESTIMATED COST	3,277,122.12	4,506,500.00	0.00	7,783,622.12
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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.

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.