

GAS _____
 OIL _____



20 N. BROADWAY, SUITE 1500, OKLAHOMA CITY, OK 73102

AUTHORITY FOR EXPENDITURE
DRILLING/COMPLETION COST ESTIMATE

Oil Conservation Division
 Case No. _____
 Exhibit No. 6

DRILLING _____
 COMPLETION _____

AFE NO.: 147270 AFE Date: 2/12/2010 County/Parish: Eddy
 Lease Name - Well #: Mark Twain 5 Fed Com 4H State: New Mexico
 Legal Description: SL: 330' FNL & 50' FWL(BHL: 330' FNL & 330' FEL) Sec. 5, Prepared By: McGowen, Gregory
 17S, 28E

AUTHORITY REQUESTED TO:

Drill and complete the Mark Twain 5 Fed Com #4H.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
011	DRILL-LAND, LEGAL	5,000	0	0	5,000
012	COMPL-SURF DAMAGES/RIGHTOFWAY	0	10,000	0	10,000
012	DRILL-SURF DMGS/RIGHT OF WAY	15,000	0	0	15,000
013	COMP-LOCATION, ROADS, PITS, FNS	0	10,000	0	10,000
013	DRILL-LOCATION,ROADS, PITS, FNCS	30,000	0	0	30,000
014	ARCHEOLOGICAL TESTING	2,500	0	0	2,500
019	DRILL-OTHER SITE PREPARATION	5,000	0	0	5,000
043	DAYWORK	437,000	50,000	0	487,000
044	DRILL-MOB/DEMOBILIZATION	50,000	0	0	50,000
045	DIRECTIONAL DRILLING	160,000	0	0	160,000
049	DRILL-OTHER CONTRACTOR SERVICE	15,000	0	0	15,000
101	COMPL-DRILL BITS	0	5,000	0	5,000
101	DRILL BITS	63,000	0	0	63,000
102	DRILL-DRILLING FLUIDS	67,000	0	0	67,000
103	DRILL-SURFACE RENTAL TOOLS & EQUIP	70,000	0	0	70,000
103	SURFACE RENTAL TOOLS & EQUIP (incl. foam/air u	0	50,000	0	50,000
104	DOWNHOLE RENTAL TOOLS & EQUIPMENT	57,000	0	0	57,000
105	CLOSED LOOP SYSTEM COSTS	215,000	0	0	215,000
109	DRILL-OTHER MATRLS & SUPPLIES	2,000	0	0	2,000
201	DRILL-WELD, ROUTABOUT & OTHER	25,000	0	0	25,000
201	WELDING, ROUSTABOUTS & OTHER SERV	0	20,000	0	20,000
202	DIRT WORK & HEAVY EQUIPMENT	3,000	0	0	3,000
203	TRUCKING & HOTSHOT	0	15,000	0	15,000
251	CEMENT & CEMENTING SERVICES	58,000	25,000	0	83,000
254	FLOWBACK EQUIP-TESTING SERVICES	0	25,000	0	25,000
255	DRILL-LOGGING	70,000	0	0	70,000
257	DRILL-OPEN HOLE EVALUATION	39,000	0	0	39,000
259	CASING & TUBULAR SERVICES	25,000	15,000	0	40,000
261	COMPL-MISC.PUMPING SERVICES	0	10,000	0	10,000
263	DRILL-FLUID DISPOSAL	6,000	0	0	6,000
263	FLUID DISPOSAL	0	25,000	0	25,000
265	STIMULATION & GRAVEL PACK	0	650,000	0	650,000
269	COMPL - CONSULTANTS	0	20,000	0	20,000
269	CONSULTANTS	52,000	0	0	52,000
281	COMMUNICATION SERVICES	2,000	0	0	2,000

Please include/attach well requirement data with ballot.

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Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
302	DRILL-WATER	35,000	0	0	35,000
307	DRILL - DYED DIESEL	89,000	0	0	89,000
308	COMPL-DYED DIESEL-TEXAS	0	10,000	0	10,000
501	PULLING & SWABBING UNITS	0	20,000	0	20,000
502	COMPL-SNUBBING UNIT & COILD TBG	0	25,000	0	25,000
552	DRILL-SAFETY EQUIP & TRAINING	3,000	0	0	3,000
721	DRILL-DRILLING OVERHEAD	4,000	0	0	4,000
895	DRILL-TAXES -OTHER IDC	80,000	0	0	80,000
Total Intangibles		1,684,500	985,000	0	2,669,500
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
286	COMPL-SCADA-EQUIPMENT	0	20,000	0	20,000
895	DRILL TAXES-OTHER	45,000	0	0	45,000
901	SURFACE CASING	13,500	0	0	13,500
902	INTERMEDIATE CASING	270,000	0	0	270,000
904	CONDUCTOR CASING/DRIVE PIPE	5,000	0	0	5,000
911	LINER	0	250,000	0	250,000
915	TUBING	0	40,000	0	40,000
921	SUCKER RODS	0	20,000	0	20,000
925	SUBSURFACE EQUIP	0	5,000	0	5,000
931	WELLHEAD VALVES & EQUIPMENT	19,000	10,000	0	29,000
935	ARTIFICIAL LIFT EQUIPMENT	0	100,000	0	100,000
941	TANKS	0	150,000	0	150,000
945	TREATING EQUIPMENT	0	25,000	0	25,000
962	COMPL-STEEL & LINE PIPE	0	10,000	0	10,000
964	COMPL-METERS AND FITTINGS	0	15,000	0	15,000
Total Tangibles		352,500	645,000	0	997,500
TOTAL ESTIMATED COSTS		2,037,000	1,630,000	0	3,667,000

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17S, 28E

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Drill and complete the Mark Twain 5 Fed Com #4H.

Note: Costs and participations are generally estimates. Billings will be based on actual expenditures

WORKING INTEREST OWNER APPROVAL

Company name:

Signature: _____ Print Name: _____

Title: _____

Date: _____

Email: _____

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