

Drilling/Completion Operations

Detail Cost Estimate

DATE 4/6/00

PROSPECT/ FIELD  
Maucha West Prospect

OPERATOR  
Southwestern Energy

WELL NAME  
Maucha "17" Fed Com

PREPARED BY  
J. Tully/PG

WELL NUMBER  
#1

STATE  
New Mexico

COUNTY/PARISH  
Lee County

LOCATION  
1980' FNL & 660' FEL

PROPOSED TOTAL DEPTH  
13,700'

DRILL / COMPLETE  
EQUIP  
RETIREMENT (P&A)

☒ WORKOVER-RECOMPLETION  
☐ WORKOVER-MAINTENANCE  
☐ DRILL & EVALUATE

☐ SINGLE  
☐ DUAL  
☐ OTHER

☒ EXPLORATORY  
☐ DEVELOPMENT

☐ OIL WELL  
☒ GAS WELL

OBJECTIVE / FORMATION(S)  
Morrow

SUB-ACCOUNT		INTANGIBLE COST		CASING POINT COST	COMPLETION COST	TOTAL COST
Csg. Pt.	Completion					
121-001		RIG - TURNKEY		33,600		33,600
121-005		RIG - FOOTAGE				
121-010	122-010	RIG - DAYWORK 55 days @ \$6,000/day	8 days @ \$1,200/day	336,000	9,600	345,600
121-012		DRILL RIG MOBILIZATION		27,000		27,000
121-013		CONDUCTOR HOLE/DRIVE PIPE SERVICES				
121-015	122-015	ROAD & LOCATION		42,000		42,000
121-020	122-020	FUEL, POWER AND WATER		35,000		35,000
121-025	122-025	DRILLING/COMPLETION FLUIDS & CHEMICALS		60,000		60,000
121-030	122-030	DRILL BITS		60,000		60,000
121-032		DIRECTIONAL DRILLING AND RELATED SERVICES				
121-035		OPEN HOLE LOGGING		45,000		45,000
121-040		MUD LOGGING		19,250		19,250
	122-040	PERFORATING/CASED HOLE LOGGING			14,000	14,000
121-055	122-055	CEMENT AND CEMENTING		48,000	6,000	54,000
	122-060	STIMULATION- ACID/FRAC			20,000	20,000
121-063	122-063	TANK TRUCKS/ MISC PUMPING SERVICES				
121-065	122-065	EQUIPMENT RENTAL		40,000	4,500	44,500
121-070	122-070	CASING CREW				
121-153	122-153	WIRELINE SERVICE				
121-075	122-075	TRANSPORTATION- TRUCKING/TUGS/BARGES/ETC.		6,100		6,100
121-080	122-080	SUPERVISION & TECHNICAL		30,800	5,500	36,300
121-085	122-085	CONTRACT LABOR			20,000	20,000
121-090	122-090	CASING/TUBING & DRILL PIPE INSPECTION & TESTING		10,000	10,000	20,000
121-095	122-095	PERMITS,SURVEYS, CURATIVE, TITLE AND DRILL SITE OPINION				
121-930		INSURANCE				
121-105	122-105	ENVIRONMENTAL & POLLUTION/ DISPOSAL				
121-190		PLUGGING AND ABANDONMENT (DRY HOLE)		30,000		
121-925	122-925	DRILLING/COMPLETION OVERHEAD		10,000	5,000	15,000
121-950	122-950	MISCELLANEOUS		83,275	4,460	87,735
		TOTAL INTANGIBLE COST		916,025	99,060	985,085
		TANGIBLE COST				
124-005		DRIVE PIPE				
124-010		CONDUCTOR PIPE 20" @ 40'		3,000		3,000
124-015		SURFACE CASING 13-3/8" @ 650'		10,673		10,673
124-020		INTERMEDIATE CASING 8-5/8" @ 5,000'		61,200		61,200
124-020		2ND INTERMEDIATE CASING 7" @ 11,800'		135,700		135,700
124-030		DRILLING LINER				
	125-025	PRODUCTION CASING OR PROD. LINER 4-1/2" @ 11,600'-14,000'			15,696	15,696
	125-035	PRODUCTION TUBING 2-3/8" @ 13,700'			40,740	40,740
124-045	125-045	PACKERS/RETAINERS/LINER HANGERS			15,000	15,000
124-055	125-055	WELLHEAD EQUIPMENT		5,000	15,000	20,000
124-950	125-950	MISCELLANEOUS EQUIPMENT		4,000	2,000	6,000
		OTHER ( SPECIFY CHARGE AND RELATED ACCT. NO.)				
		TOTAL TANGIBLE COST		219,573	88,436	308,009
		PRODUCTION EQUIPMENT				
	125-040	FLOWLINES				
	125-047	TANK BATTERY AND ASSOCIATED EQUIPMENT				
	125-080	SURFACE PROD EQUIPMENT- SEP/HTR TRTR/PROD. UNIT/CMPR/PROD. BARGE				
	125-062	SURF. PUMPING EQUIPMENT W/ PRIME MOVER				
	125-065	SUBSURFACE EQUIPMENT-RODS/B.H. PUMP/TBG. ANCHOR				
	125-075	GATHERING/PIPE LINES				
	125-095	NON-CONTROLLABLE EQUIPMENT				
	125-950	MISCELLANEOUS EQUIPMENT				
		OTHER ( SPECIFY CHARGE AND RELATED ACCT. NO.)				
		TOTAL PRODUCTION EQUIPMENT COST				
		TOTAL WELL COST		1,135,598	187,496	1,293,094

SEPCO'S estimate of the anticipated costs for the test well or operation are specified above. This estimate shall determine prepaid dry hole costs, completion costs or costs of other operations, and your approval of this estimate signifies that SEPCO's estimate is reasonable. Participating parties in a test well or operation shall be responsible for actual costs in accordance with the terms of the joint operating agreement

SEPCO Approvals

Non-Operator Approvals

BY: \_\_\_\_\_

BY: \_\_\_\_\_

BY: \_\_\_\_\_

BY: \_\_\_\_\_

COMPANY: \_\_\_\_\_

BY: \_\_\_\_\_

BY: \_\_\_\_\_

BY: \_\_\_\_\_

SEPCO GROSS WORKING INTEREST 41.000% BCP 41.000% ACP

BEFORE EXAMINER STOGNER

OTHER GROSS WORKING INTEREST 59.000% BCP 59.000% ACP

OIL CONSERVATION DIVISION

SW EXHIBIT NO. 3

CASE NO. \_\_\_\_\_