

MARATHON OIL COMPANY  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

**BEFORE EXAMINER STOIGNER**  
 DATE \_\_\_\_\_  
 Oil Conservation Division  
*MARATHON* Exhibit No. **3**  
 Case No. **9915**  
 WILDCAT \_\_\_\_\_  
 DEVELOPMENT \_\_\_\_\_  
 DEVELOPMENT EXPL \_\_\_\_\_

Region Mid-Continent  
 Field/Prospect Indian Basin  
 Lease/Facility Indian Basin Gas Com No. 2  
 Location 732' FSL, 1,173' FWL, Section 23, T-21-S, R-23-E

RECOMPLETION \_\_\_\_\_  
 WORKOVER \_\_\_\_\_

Est. Total Depth 9,500' Est. Drilling Days 35 Est. Completion Days 10

SOURCE	QUANTITY	DESCRIPTION	FEATURE NO.	C O N D	ESTIMATED COST
=====					
DRILLING COSTS - TANGIBLE					
		Drive Pipe	1		
		Conductor	2		2,000
		Surface	3		6,000
		Intermediate Casing, Liner, or Tieback	4		21,000
		Liner Hanger and Tieback Equipment	5		
		Casinghead	6		14,000
		Miscellaneous	7		
TOTAL DRILLING COSTS - TANGIBLE					43,000
=====					
DRILLING COSTS - INTANGIBLE					
		Location and Access	9		20,000
		Daywork Drilling	10		12,000
		Footage Basis Drilling	11		152,000
		Direct Supervision	14		14,000
		Bits, Hole Openers, Stabilizers, etc.	15		
		Mud and Mud Services	16		30,000
		Rig Fuel	17		
		Water	18		25,000
		Rental Equipment and Tools	19		12,000
		Casing/Drive Pipe Tools, Services and Accessories	20		5,000
		Cement and Cementing Service	21		19,000
		Well Logging and Services	22		30,000
		Mud Logging	23		
		Pipe Inspection	24		6,000
		Directional Services	25		
		Coring	26		
		Formation Testing	27		10,000
		Diving Services	28		
		Mobilization/Demobilization	29		
		Air Transportation	30		
		Marine Transportation	31		
		Land Transportation	32		10,000
		Shore Base Services	33		
		Communications	34		1,500
		Fishing Tools and Services	35		
		Abandoning Tools and Services	36		
		Miscellaneous Material and Services	37		10,500
		Dry Hole Contributions	38		
		Overhead	39		
		Indirect Expense	40		
TOTAL DRILLING COSTS - INTANGIBLE					357,000
=====					
TOTAL DRILLING COSTS					\$ 400,000
=====					
COMPLETION COSTS - TANGIBLE					
		Production Casing	42		
		Liners	43		
		Tubing	44		
		Liner Hanger and Tieback Equipment	45		
		Christmas Tree	46		
		Subsurface Safety Shut-In Devices	47		
		Packers	48		
		Subsurface Artificial Lift Equipment	49		
TOTAL COMPLETION COSTS - TANGIBLE					
=====					

MARATHON OIL COMPANY  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

BEFORE EXAMINER APPROVER  
 DATE  
 Oil Conservation Division  
 MARATHON Exhibit No. 4  
 Case No. 9915  
 WILDCAT  
 DEVELOPMENT  
 DEVELOPMENT EXPL

Region Mid-Continent  
 Field/Prospect Indian Basin  
 Lease/Facility Indian Hills Unit No. 6 (Actual Cost)  
 Location 560' FSL, 1,550' FWL, Section 20, T-21-S, R-24-E

RECOMPLETION  
 WORKOVER

Est. Total Depth 9,700' Est. Drilling Days 68 Est. Completion Days \_\_\_\_\_

SOURCE	QUANTITY	DESCRIPTION	FEATURE NO.	C O N D	ESTIMATED COST
=====					
DRILLING COSTS - TANGIBLE					
		Drive Pipe	1		
		Conductor	2		
		Surface	3		5,000
		Intermediate Casing, Liner, or Tieback	4		24,000
		Liner Hanger and Tieback Equipment	5		10,900
		Casinghead	6		
		Miscellaneous	7		
		TOTAL DRILLING COSTS - TANGIBLE			39,900
=====					
DRILLING COSTS - INTANGIBLE					
		Location and Access	9		18,000
		Daywork Drilling	10		167,000
		Footage Basis Drilling	11		151,900
		Direct Supervision	14		18,400
		Bits, Hole Openers, Stabilizers, etc.	15		52,700
		Mud and Mud Services	16		59,000
		Rig Fuel	17		
		Water	18		31,200
		Rental Equipment and Tools	19		16,200
		Casing/Drive Pipe Tools, Services and Accessories	20		3,000
		Cement and Cementing Service	21		15,000
		Well Logging and Services	22		14,000
		Mud Logging	23		7,000
		Pipe Inspection	24		5,700
		Directional Services	25		82,000
		Coring	26		30,000
		Formation Testing	27		
		Diving Services	28		
		Mobilization/Demobilization	29		
		Air Transportation	30		
		Marine Transportation	31		
		Land Transportation	32		9,100
		Shore Base Services	33		
		Communications	34		
		Fishing Tools and Services	35		
		Abandoning Tools and Services	36		
		Miscellaneous Material and Services	37		17,200
		Dry Hole Contributions	38		
		Overhead	39		
		Indirect Expense	40		4,000
		TOTAL DRILLING COSTS - INTANGIBLE			701,400
=====					
		TOTAL DRILLING COSTS			\$ 744,300
=====					
COMPLETION COSTS - TANGIBLE					
		Production Casing	42		
		Liners	43		
		Tubing	44		
		Liner Hanger and Tieback Equipment	45		
		Christmas Tree	46		
		Subsurface Safety Shut-In Devices	47		
		Packers	48		
		Subsurface Artificial Lift Equipment	49		
		TOTAL COMPLETION COSTS - TANGIBLE			
=====					

*directional well*