MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Section 1 BK Survey The 15 Rock 2 ac Proof both 350 Permits and Surveys INTANCIBLE COSTS 100 00 \$20,003 000 52,003 000 Cope Cope <th colspan="6">Well Name: Wyatt Draw North 18F #1 Prospect: Wyatt Draw North 18</th>	Well Name: Wyatt Draw North 18F #1 Prospect: Wyatt Draw North 18					
Section 10 Bit Survey 10 111 112 Res 2 are Provide 330 Parmits and Survey NTANGIGLE COSTS 169 CODE TCP CODE CO C	Location: 1650' FNL & 1650' FWL Co					ST: NM
Pennis and Surveys 100 \$22,000 200 Location Roads Pites & Site Preparation (Includes conductor)) 105 \$25,000 205 Location Roads Pites & Site Preparation (Includes conductor)) 105 \$25,000 205 Evel 114 \$55,000 205 Fuel 114 \$55,000 210 Commoding 122 \$10,000 221 Commoding 123 \$17,500 220 Campoling 53,200 241 241 Simulation 17 241 241 Simulation 17 241 242 Water & Other 145 \$5,000 260 Bite 148 \$7,000 264 Inspectrols Regain Services 150 \$1,000 264 Inspectrols Regain Services 176 \$242 266 Inspectrols Regain Services 177 270 266 Inspectrols Regain Services 177 270 266 Inspectrols Regain Services 175 <t< th=""><th>Section: 18 Blk: Survey:</th><th>TNP:</th><th>195 RNG:</th><th>26E Pr</th><th>op. Dpth:</th><th>3500'</th></t<>	Section: 18 Blk: Survey:	TNP:	195 RNG:	26E Pr	op. Dpth:	3500'
Location: Roads, Pris & Site Preparation (Includes conductor) 106 \$25,000 205 Deay Work, Footage, Turkny Dilling, 5 days D & 1 day C & \$10,000 day + GRT 110 \$\$55,000 111 Day Work, Footage, Turkny Dilling, 5 days D & 1 day C & \$10,000 day + GRT 110 \$\$55,000 111 Day Work, Footage, Turkny Dilling, 5 days D & 1 day C & \$10,000 day + GRT 110 \$\$55,000 107 Chemicals and Additives 121 1 \$\$55,000 223 Chemicals and Additives 121 221 \$\$10,000 224 Demonstring 58 134 \$\$3,500 224 Stimulation 117 \$\$10,000 224 \$\$100 Stimulation Rentals & Other 145 \$\$5,000 225 \$\$100 \$\$25,000 \$\$26 Stimulation Rentals & Other 148 \$\$7,000 248 \$\$100 \$\$25 \$\$100 \$\$26 Stimulation Rentals & Other 148 \$\$100 \$26 \$\$100 \$\$26 \$\$100 \$\$26 Stimulation Rentals & Other 164 \$22,000 \$\$100 <	INTANGIBLE COSTS 180		CODE	TCP	CODE	cc
Location Exclusion & Other 106 \$55,000 Day Work, Fondage, Turkley Dilling 5 days D & 1 day C @ \$10,000/day + GRT 114 \$55,000 Fuel 114 \$55,000 100 \$55,000 Chemidis and Additives 121 120 \$10,000 \$21 \$223 \$10,000 Chemidis and Additives 130 121 \$23 \$10,000 \$11 \$13,000 \$11 \$13,000 \$121 \$233 \$11 \$130 \$121 \$121 \$121 \$121 \$121 \$121 \$121 \$121 \$121 \$121 \$123 \$100 \$100 \$100 \$110 \$137 \$111 \$150 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$150 \$100 <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$1,00</td>						\$1,00
Day Work, Footage, Turnkoy Drilling, 5 days D & 1 day C & 310,000day + GRT 110 \$53,000 210 Mad 120 \$10,000 121 \$210 114 \$65,000 Mad 120 \$10,000 120 \$10,000 120 \$210 121 12						\$2,00
Fuel 114 \$56,500 Mad 120 \$10,000 Chemicias and Additives 121 1.00 Committing 125 \$77,500 225 Logging, Wireline & Coring Services 130 1.23 \$75,00 225 Simulation 130 1.23 \$75,00 225 Simulation Remital & Other 130 1.23 \$75,00 225 Simulation Remital & Other 121 1.23 \$75,00 225 Simulation Remain Services 130 1.24 1.24 1.24 Simulation Remain Services 154 2.24 1.24 1.25 Sing Monta Repair Services 154 2.26 1.20 1.26 Transportation 164 \$24,000 1.26 1.		_				.
Mad 120 \$10.000 Cemeratis and Additives 121 121 221 Cemerating 125 \$7,500 223 Casing, Turking & Structores 134 \$53,000 230 Simulation 134 \$53,000 241 241 Simulation 134 \$53,000 243 241 Water & Other 146 \$50,000 243 243 Water & Other 146 \$50,000 243 243 Water & Other 154 255 255 256 Water & Other 154 254 256 256 Testing 154 254 256 256 256 Water & Other Rig 154 254 256 <td></td> <td>T</td> <td></td> <td></td> <td></td> <td>\$10,60</td>		T				\$10,60
Chemicks and Additives 121 221 221 Comparing 125 \$75,00 225 Logging, Wireline & Config Services 130 130 230 Casing, Tusing & Studeing Services 134 \$35,00 234 Mud Logging 137 241 241 Sumulation 124 \$5,000 244 Water & Other 145 \$5,000 242 Water & Other 145 \$5,000 260 Mise, Air & Purping Services 150 \$1,000 260 Mise, Air & Purping Services 151 154 256 Competition / Workover Rig 168 \$1,200 265 Mideling and Construction 168 \$1,200 265 Engineenting & Contract Supervision 168 \$1,500 265 Engineenting & Contract Supervision 168 \$1,500 265 Water A and the stand contract Supervision 168 \$1,500 265 Water A and the stand contract Supervision 169 \$51,000 266						
Cernegring 125 \$7.500 225 Casing, Tubing & Scubbing Services 134 \$3.300 230 Structulation 137 241 \$3.300 241 Structulation 137 241 \$3.300 241 Structulation 145 \$5.000 242 \$44 Water & Other 148 \$5.7000 243 Inspection & Repair Services 154 254 \$269 Completion / Workover Rig 260 \$150 \$1.000 \$260 Rig Mobilization 166 \$1.500 268 \$150 \$2.000 \$268 Rigneemis & Contract Supervision 170 270 \$268 \$150.000 283 Completion / Workover Rig 188 \$1.000 280 \$168 \$1.000 280 Weiding and Construction 165 \$1.200 280 \$168 \$1.000 280 Weiding and Construction 168 \$1.000 280 \$281 \$282 \$282 \$281 \$281		ŀ-		\$10,000		
Logging, Wireline & Contract Services 130 230 Casing, Tubirg & Snubbing Services 134 \$3.500 234 Mad Logging 137 241 241 Stimulation Rentals & Other 145 \$5.000 241 Stimulation Rentals & Other 145 \$5.000 241 Bits 148 \$7.000 240 Dispection & Repair Services 150 \$1.000 250 Mas, Ar & Pumping Services 154 254 258 Completion / Workover Rig 78 254 258 Reg Mobilization 165 \$2,4000 770 Transportation 165 \$2,4000 770 Transportation 165 \$1,500 280 Welding and Construction 168 \$1,500 280 Regulare Site (Site (Site)) 176 270 200 Directional Sortract Supervision 175 270 201 Medi Labase Insurance 168 \$1,500 280 Damages 190				\$7 500		\$10,00
Casing_Tubing & Snubling Services 134 \$3.000 234 Stimulation 137 241 Stimulation 137 242 Wate & Other 143 \$5.000 Bits 143 \$5.000 Bits 143 \$5.000 Bits 148 \$5.000 Bits 154 253 Mace Are & Pumping Services 154 254 Testing 158 258 Completion / Workover Rig 260 263 Rig Mobilization 165 \$1,000 268 Transportation 165 \$1,000 268 Rigmeening & Construction 176 7 7 Orrectional Services 175 7 7 Directional Services 175 188 \$5.000 280 Wall / Lass insurance 185 \$1.000 281 282 Damparts 198 \$5.000 280 282 282 Damages 190 \$6.000				<u>ψ1,000</u>		\$12,00
Mod Logging 137 241 Stimulation Rentals & Other 242 Stimulation Rentals & Other 145 Stimulation Rentals & Other 145 State & Other 146 Bits 148 Direction & Repair Services 150 Bits 158 Comptetion / Workover Rig 254 Comptetion / Workover Rig 260 Rig Mobilization 164 \$24,000 Transportation 165 \$24,000 Weiding and Construction 166 \$1,500 263 Rendering & Contract Supervision 176 270 Directional Services 175 270 Directional Services 176 188 \$1,500 280 Weil / Lease Insurance 186 \$1,200 280 Weil / Lease Insurance 188 \$1,800 286 288 288 288 288 288 288 283 283 283 283 283 283 283 283 283 283 284 283 </td <td></td> <td></td> <td></td> <td>\$3,500</td> <td></td> <td>\$4,00</td>				\$3,500		\$4,00
Simulation						
Water & Other 145 \$\$					241	\$70,00
Bis 148 \$7:000 248 Inspection & Repair Services 150 \$1:000 250 Miss. Art & Pumping Services 154 284 Completion / Workover Rig 158 288 Righ Moltization 164 \$2:000 Transportation 166 \$2:200 Weiding and Construction 166 \$2:200 Directional Societa 176 270 Engineentry & Contract Supervision 176 270 Directional Societa 176 270 Exagement Rental 189 \$5:000 286 Meil / Lasse logal 196 \$5:000 286 Mark / Lasse logal 196 \$5:000 286 Meil / Lasse logal 196 \$5:000 286 Inangabis Supples 198 \$5:000 286 Damages 196 \$5:000 286 Contrast Supples 198 \$10.000 283 Contrast Supples 198 \$10.000 283 Contrast Supples 198 \$10.000 286 Contrast Supples	Stimulation Rentals & Other					\$15,00
Inspection & Regar Services 150 \$1,00 220 Nes, Ar & Pumping Services 154 254 Testing 158 268 Completion / Workover Rig 164 \$22,000 Transportation 164 \$22,000 Transportation 166 \$22,000 Transportation 168 \$2,500 Reg Mobilization 168 \$2,500 Directional Supervision 176 270 Directional Supervision 176 270 Directional Supervision 176 270 Directional Supervision 178 \$15,000 Damages 190 \$50,000 280 Damages 190 \$50,000 280 Damages 190 \$50,000 280 Damages 190 \$10,000 285 Outerhead Fixed Rate 196 \$10,000 286 Contingencies 10% (TCP) 5% (CC) 198 \$21,000 286 Contingencies 10% (TCP)	Water & Other		145	\$5,000		\$10,00
Misc. Art & Pumping Services 154 254 Completion / Workover Rig. 158 258 Completion / Workover Rig. 168 260 Rig Methization 164 52.4000 Transportation 166 52.500 285 Wetting and Construction 168 51.500 286 Engineering & Contract Supervision 176 270 Directional Services 173 175 Euginemit Rental 180 515.000 280 Well / Lease Legal 184 53.000 280 Well / Lease Legal 188 55.000 280 Pipeline, Read, Electrical ROW & Easements 192 282 Pipeline, Read, Electrical ROW & Easements 196 296 Vell Abade Internet 196 280 280 Vell Abade Internet 196 510.000 286 Combingencies 1974 282 280 Combingencies 1974 282 280 Contingencies 1974 198 511.000 286 Casing (19.1 - 30.7) Casing (10.1 - 19.0°) <td></td> <td></td> <td>148</td> <td>\$7,000</td> <td>248</td> <td>\$1,00</td>			148	\$7,000	248	\$1,00
Testing 158 268 Completion / Workover Rig 124 \$22.00 Rig Mobilization 164 \$2.500 265 Transportation 165 \$2.500 265 Weiding and Construction 176 170 270 Directional Services 175 1 1 Equipment Rental 180 \$15.00 286 Meil / Lease Insurance 184 \$3.000 286 Imarghite Supplies 188 \$500 286 Damages 198 \$51.000 286 Damages 198 \$500 286 Damages 198 \$500 286 Damages 198 \$500 286 Damages 198 \$500 286 Company Supervision 195 \$10.000 286 Company Supervision 195 \$10.000 286 Consing (10.1" - 19.0") 784 \$10.000 286 Casing (10.1" - 19.0") 796 \$11.500			······	\$1,000		
Completion // Workover Rig 260 260 Transportation 164 \$24,000 Transportation 165 \$22,000 Predicting and Construction 168 \$1,000 Directional Services 176 270 Directional Services 176 270 Directional Services 176 270 Quagment Rental 180 \$15,000 280 Well / Lease tegal 184 \$3,000 284 Well / Lease tegal 184 \$3,000 284 Dreptime Interconnect 182 292 292 Pipeline, Road, Electrical ROW & Easements 196 120 293 Company Supervision 195 \$10,000 285 0 Contrigencies 10% (TCP) 5% (CC) 199 \$24,600 283 Contingencies 10% (TCP) 5% (CC) 198 \$11,000 284 Contingencies 10% (TCP) 5% (CC) 199 524,600 284 Contingencies 10% (TCP)						
Rig Mobilization 164 \$\$2,400 Image of a state s			158			\$2,00
Transportation 165 \$\$2,500 265 Engineering & Contract Supervision 170 270 Directional Supervision 170 270 Directional Supervision 175 - Equipment Rental 180 \$15,000 280 Weil / Lease Legal 184 \$50,000 284 Weil / Lease Legal 184 \$50,000 286 Jamages 186 \$1,200 284 Weil / Lease Legal 186 \$51,200 286 Jamages 180 \$6,000 286 Damages 190 \$2,000 286 Company Supervision 195 \$10,000 285 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 286 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 286 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 286 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 286 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$10,00</td>						\$10,00
Weiding and Construction 168 \$1,500 268 Engineering & Contract Supervision 170 1 270 Directional Services 175 - - Supprent Rental 180 \$15,000 280 Wail / Lease Insurance 184 \$3,000 284 Wail / Lease Insurance 184 \$500 286 Intangible Supplies 188 \$500 286 Damages 190 \$8,000 290 Pipeline Interconnect 192 292 292 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 200 Casing (19.1" - 30") 794 1 200						.
Engineering & Contract Supervision 170 270 Equipment Rental 180 \$\$15,000 280 Weil / Lease Legal 180 \$\$15,000 284 Weil / Lease Insurance 184 \$\$3,000 284 Weil / Lease Insurance 184 \$\$1,200 285 Intargible Supplies 188 \$\$1,200 286 Damages 190 \$\$0,000 290 Ppeline, Road, Electrical ROW & Easements 192 292 Ppeline, Road, Electrical ROW & Easements 196 296 Company Supervision 195 \$\$10,000 286 Contingencles 10% (TCP) \$%. (CC) 199 \$24,600 299 Casing (19.1* - 30*) TANGIBLE COSTS 181 524,600 299 1 Casing (19.1* - 30*) 793 795 \$11,600 268 268 1 Casing (19.1* - 80*) 858*24#.J55 STC @ \$13.50/ft 795 \$11,600 268 1 268 1 268 1 268 1 268						\$1,00
Directional Services 175				\$1,500		
Equipment Rental 180 151,000 280 Weil / Lease Insurance 184 \$3,000 284 Weil / Lease Insurance 185 \$1,200 285 (Intargible Supplies 186 \$1,200 285 Damages 190 \$8,000 284 Damages 190 \$8,000 290 Ppeline, Road, Electrical ROW & Easements 192 292 Ppeline, Road, Electrical ROW & Easements 196 293 Company Supervision 195 \$10,000 286 Overhaed Fixed Rate 196 298 299 Contingencies 10% (TCP) \$% (CC) 199 \$24,600 299 Casing (10.1" - 30") TOTAL \$270,800 29 20 Casing (10.1" - 190") 794 5 \$11,500 20 Casing (10.1" - 100") 795 \$11,500 20 20 Casing (1.1" - 80") 300" 4 1/2" 11.69/ 55 LTC @ \$3.26/tt 797 796 797 Casing (1.1" - 80") 200" 20" 4 1/2")			270	
Weil / Lease Legal 184 \$3,000 284 Intangible Supplies 185 \$1,200 285 Intangible Supplies 188 \$5,000 290 Damages 190 \$6,000 290 Pipeline, Road, Electrical ROW & Easements 192 292 Pipeline Interconnect 293 293 Company Supervision 195 \$10,000 296 Contingencles 196 \$20,000 296 Contingencles 196 \$20,000 298 Contingencles 196 \$20,000 298 Casing (19,1" - 30") TANGIBLE COSTS 181 793 293 Casing (10,1" - 10.0") 850' 85/8' 24# J55 STC @ \$13,50/ft 794 200 Casing (6,1" - 8.0") 260' 41/2" 11.6# J55 LTC @ \$7.00/ft 795 \$11,500 205 Casing (6,1" - 8.0") S00' 41/2" 11.6# J55 LTC @ \$7.00/ft 797 798 798 Duling Head S100' 41/2" 11.6# J55 LTC @ \$7.00/ft 797 798 798 Sucker Rods \$75				¢15 000		
Weil / Lease Insurance 185 \$1,200 285 Intangible Supplies 188 \$500 288 Damages 190 \$6,000 290 Ppeline, Road, Electrical ROW & Easements 192 292 Ppeline, Road, Electrical ROW & Easements 195 \$10,000 296 Company Supervision 196 296 296 Overhead Fixed Rate 196 296 298 Contingencies 10% (TCP) 5% (CC) 198 \$10,000 298 Casing (10.1" - 18.0") TOTAL \$270,800 298 200 298 Casing (6.1" - 10.0") 850 8.5/8*24#.J55 STC @ \$13.50/ft 793 200 200 200 200 200 200 200 200/ft 797 793 200/ft 797 200/ft 797 793 200/ft 797 798 200/ft 798 200/ft 797 797 797 798 200/ft 798 200/ft 798 200 200/ft 200 200/ft						
Intangles 188 \$500 288 Damages 190 \$80,000 290 Pipeline, Road, Electrical ROW & Easements 192 292 Pipeline Interconnect 195 \$10,000 295 Company Supervision 195 \$10,000 296 Overhead Fixed Rate 196 \$200 298 Contingencies 10% (TCP) 5% (CC) 198 \$210,000 298 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 Casing (10.1" - 10.0") S07 8 5/8" 24# J55 STC @ \$13,50/ft 793 230 230 Casing (6.1" - 8.0") S07 4 1/2" 11.6# J55 LTC @ \$7.00/ft 796 797 200' 2.3/8" 4.7# J55 EUE 8rd @ \$3.25/ft 797 797 Drilling Head 10big Head & Upper Section 860 \$1.300 865 30.4 865 Surker Rods 880 881 880 884 990 391 391 Separation Equipment 886 880 886 896 391 395 396 391 395 396 396 396 391						
Damages 190 \$8,000 290 Pipeline, Road, Electrical ROW & Easements 192 292 Pipeline Interconnect 195 \$10,000 295 Company Supervision 196 296 298 Company Supervision 196 296 298 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 298 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 298 Casing (19,1" - 30") TANGIBLE COSTS 181 793						\$50
Pipeline Road, Electrical ROW & Easements 192 292 Pipeline Interconnect 293 293 Company Supervision 195 \$10,000 295 Overhead Fixed Rate 196 296 298 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 Casing (19.1" - 30") TANGIBLE COSTS 181 793 203 203 Casing (10.1" - 19.0") 794 Casing (1.1" - 10.0") 850 / 850 / 4 1/2" 11.6# J55 LTC @ \$7.00/tt 794 203 Casing (6.1" - 6.0") 3500 / 4 1/2" 11.6# J55 LTC @ \$7.00/tt 797 794 200 208 Casing (1.1" - 6.0") 3500 / 4 1/2" 11.6# J55 LTC @ \$7.00/tt 797 797 798 798 798 Drilling Head 0.00 \$1.300 798 798 755 798 755 Packer Pump & Subsurface Equipment 860 \$1.300 865 500 100 757 798 Surface Pump & Subsurface Equipment 884 890 755 884 890 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Pipeline Interconnect 293 Company Supervision 195 \$10,000 285 Company Supervision 196 \$10,000 285 Overhead Fixed Rate 196 \$10,000 298 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 Casing (19,1* - 30") TANGIBLE COSTS 181 793				<u> </u>		
Company Supervision 195 \$10.000 295 Overhead Fixed Rate 196 296 296 Well Abandonment 198 \$10,000 298 Contingencles 10% (TCP) 5% (CC) 199 \$24.600 299 TANGIBLE COSTS 181 793 793 1 206 1 Casing (19.1" - 30") 794 793 1 207 208 1 Casing (1.1" - 19.0") 850° 8 5/8" 24# J55 STC @ \$13.50/ft 795 \$11.500 208 1 1 1 208						
Overhead Fixed Rate 196 286 Well Abandonment 198 \$10,000 298 Contingencles 10% (TCP) 5% (CC) 199 \$24,600 299 TANGIBLE COSTS 181 5270,800 199 \$24,600 199 \$24,600 199 \$24,600 199 \$24,600 199 \$24,600 199 \$24,600 199 \$24,600 199 \$24,600 199 \$24,600 298 199 \$24,600			195	\$10,000		\$6,00
Contingencies 10% (TCP) 5% (CC) 199 \$24,600 299 TANGIBLE COSTS 181 70TAL \$270,800 199 Casing (10.1" - 19.0") 794 794 794 Casing (6.1" - 10.0") 850° 85/8° 24# J55 STC @ \$13.50/ft 796 797 Casing (6.1" - 10.0") 850° 18 5/8° 24# J55 STC @ \$13.50/ft 796 797 Casing (4.1" - 6.0") 3500° 4 1/2" 11.6# J55 LTC @ \$7.00/ft 796 797 Casing (4.1" - 6.0") 3500° 4 1/2" 11.6# J55 LTC @ \$7.00/ft 796 797 Casing (4.1" - 6.0") 3500° 4 1/2" 11.6# J55 LTC @ \$7.00/ft 798 798 Casing (4.1" - 6.0") 3500° 4 1/2" 11.6# J55 LTC @ \$7.00/ft 797 706 Casing (4.1" - 6.0") 3500° 4 1/2" 11.6# J55 LTC @ \$7.00/ft 798 798 Drilling Head Upper Section 860 \$1.300 865 Sucker Rods 875 875 888 800 875 Packer Pump & Subsurface Equipment 8865 886 886 886 Surface Pumps & Prime Movers 8891 8895 <td></td> <td></td> <td>196</td> <td></td> <td></td> <td></td>			196			
Total \$270,800 1 Casing (19.1" - 30") 793 793 793 Casing (10.1" - 19.0") 794 795 \$11,500 Casing (8.1" - 10.0") 850" 85/8" 24# J55 STC @ \$13.50/ft 795 \$11,500 Casing (8.1" - 6.0") 350" 4 1/2" 11.6# J55 LTC @ \$7.00/ft 796 797 Tubing (2" - 4") 2900" 2 3/8" 4.7# J55 EUE @rd @ \$3.25/ft 797 798 Drilling Head 860 \$1.300 798 Tubing (2" - 4") 2900" 2 3/8" 4.7# J55 EUE @rd @ \$3.25/ft 797 Tubing Head 860 \$1.300 865 Sucker Rods 880 841 865 Packer Pump & Subsurface Equipment 886 884 884 Pumping Unit 886 886 886 886 886 Tanks - Steel 886 886 886 886 886 886 886 886 886 887 886 886 887 886 886 886 897 886 897 886 886	Well Abandonment		198	\$10,000		-\$10,00
TANGIBLE COSTS 181 793 Casing (19.1" - 30") 794 Casing (10.1" - 19.0") 850' 8 5/8' 24# J55 STC @ \$13.50/ft 795 Casing (6.1" - 8.0") 796 797 Casing (1.1" - 8.0") 798 797 Casing (2.1" - 8.0") 796 797 Casing (2.1" - 8.0") 798 798 Drilling Head 798 798 Sucker Rods 860 \$1,300 Packer Pump & Subsurface Equipment 886 887 Artificial Lift Systems 886 886 886 Parker Pumps & Subsurface Equipment 886 8890 886 Tanks - Steel 8890 889 889 889 889 Cass Treating Equipment 889 889 887 887 887 Metering Equipment 898 897 900 900 900 900 900	Contingencies 10% (TCP) 5% (CC)		199	\$24,600	299	\$7,30
Casing (19.1" - 30") 793 Casing (10.1" - 10.0") 850" 8 5/8" 24# J55 STC @ \$13.50/ft 794 Casing (8.1" - 8.0") 796		TOTAL		\$270,800		\$152,40
Casing (10.1* - 19.0*) 794 Casing (8.1* - 10.0*) 850*8 5/8* 24# J55 STC @ \$13.50/ft 795 Casing (4.1* - 6.0*) 350* 4 1/2* 11.6# J55 LTC @ \$7.00/ft 797 Tubing (2* - 4*) 2900* 2 J/8* 4.7# J55 EUE 8rd @ \$3.25/ft 798 Dilling Head 860 \$1,300 Tubing Head 860 \$1,300 Tubing Head 865 885 Sucker Rods 886 886 Packer Pump & Subsurface Equipment 886 886 Artificial Lift Systems 886 886 Pumping Unit 886 886 Surface Pumps & Subsurface Equipment 886 886 Tarks - Steel 886 887 Separation Equipment 895 895 Gas Treating Equipment 896 897 Metering Equipment 900 900 Inse Pipe - Gas Gasthering and Transportation 900 908 Cathodic Protection 908 908 908 Cathodic Protection 909 909 909 Production Equipment Installation 909 909 Production	TANGIBLE COSTS 181					
Casing (10.1* - 19.0*) 794 Casing (8.1* - 10.0*) 850*8 5/8* 24# J55 STC @ \$13.50/ft 795 Casing (4.1* - 6.0*) 350* 4 1/2* 11.6# J55 LTC @ \$7.00/ft 797 Tubing (2* - 4*) 2900* 2 J/8* 4.7# J55 EUE 8rd @ \$3.25/ft 798 Dilling Head 860 \$1,300 Tubing Head 860 \$1,300 Tubing Head 865 885 Sucker Rods 886 886 Packer Pump & Subsurface Equipment 886 886 Artificial Lift Systems 886 886 Pumping Unit 886 886 Surface Pumps & Subsurface Equipment 886 886 Tarks - Steel 886 887 Separation Equipment 895 895 Gas Treating Equipment 896 897 Metering Equipment 900 900 Inse Pipe - Gas Gasthering and Transportation 900 908 Cathodic Protection 908 908 908 Cathodic Protection 909 909 909 Production Equipment Installation 909 909 Production	Casing (19.1" - 30")		793			
Casing (6.1" - 8.0") 796 Casing (4.1" - 6.0") 3500" 4 1/2" 11.6# J55 LTC @ \$7.00/ft 797 Tubing (2" - 4") 2900" 2 3/8" 4.7# J55 EUE 8rd @ \$3.25/ft 798 Dilling Head 860 \$1.300 Tubing (2" - 4") 2900" 2 3/8" 4.7# J55 EUE 8rd @ \$3.25/ft 860 Sucker Rods 860 \$1.300 Packer Pump & Subsurface Equipment 885 Artificial Lift Systems 884 Pumping Unit 884 Surface Pumps & Prime Movers 886 Tanks - Steel 890 Tanks - Steel 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 900 Freedread by 900 TOTAL \$12,800 Substrotal 920 Cot Approval: Date: TOTAL \$22,500					1	
Casing (4.1" - 6.0") 3500' 4 1/2" 11.6# J55 LTC @ \$7.00/ft 797 Tubing (2" - 4") 2900' 2 3/8' 4.7# J55 EUE 8rd @ \$3.25/ft 798 Dilling Head 860 \$1.300 Tubing Head & Upper Section 860 \$1.300 Tubing Head & Upper Section 860 \$1.300 Tubing Head & Upper Section 860 \$75 Packer Pump & Subsurface Equipment 880 875 Packer Pump & Subsurface Equipment 880 880 Artificial Lift Systems 886 885 Surface Pumps & Prime Movers 886 886 Tanks - Others 886 890 891 Separation Equipment 895 895 895 Gas Treating Equipment 896 898 898 Line Pipe - Gas Gathering and Transportation 900 900 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 906 906 Cathodic Protection 900 910 910 910 Pipeline Construction 920 920 920 920 Cot Approval: M. Young Date: 1/26/2010 \$6			795	\$11,500		
Tubing (2" - 4") 2900' 2 3/8" 4.7# J55 EUE 8rd @ \$3.25/ft 798 Drilling Head 860 \$1,300 Tubing Head & Upper Section 865 865 Sucker Rods 875 880 Packer Pump & Subsurface Equipment 880 884 Artificial Lift Systems 885 884 Pumping Unit 885 886 Surface Pumps & Prime Movers 886 886 Tanks - Steel 886 890 Tanks - Others 886 891 Separation Equipment 895 896 Gas Treating Equipment 896 897 Metering Equipment 898 897 Metering Equipment 990 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 908 Cathodic Protection 909 909 909 Production Equipment Installation 910 920 920 TOTAL \$12,800 Co. Approval: \$622,500	Casing (6.1" - 8.0")		796			
Drilling Head 860 \$1,300 Tubing Head & Upper Section 865 Sucker Rods 875 Packer Pump & Subsurface Equipment 880 Artificial Lift Systems 884 Pumping Unit 880 Surface Pumps & Prime Movers 886 Tanks - Steel 886 Tanks - Others 885 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 909 Production Equipment Installation 910 Prepared by: M. Young Date: 1/26/2010 Co. Approval: Date: 1/26/2010 Date:					797	\$24,50
Tubing Head & Upper Section 865 Sucker Rods 875 Packer Pump & Subsurface Equipment 880 Artificial Lift Systems 884 Pumping Unit 885 Surface Pumps & Prime Movers 886 Tanks - Steel 886 Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc., Fittings, Valves, Line Pipe and Accessories 906 Catholic Protection 909 Production Equipment Installations 910 Pipeline Construction 920 TOTAL \$12,800 Co. Approval: M. Young Date: 1/26/2010					798	\$9,50
Sucker Rods 875 Packer Pump & Subsurface Equipment 880 Artificial Lift Systems 884 Pumping Unit 885 Surface Pumps & Prime Movers 886 Tanks - Steel 890 Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc, Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 909 Production Equipment Installations 909 Production Equipment Installation 900 Substruction 902 Co. Approval: M. Young Date: 1/26/2010			860	\$1,300		
Packer Pump & Subsurface Equipment 880 Artificial Lift Systems 884 Pumping Unit 885 Surface Pumps & Prime Movers 886 Tanks - Steel 890 Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 897 Heater Treaters, Line Heaters 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 909 Production Equipment Installation 909 Co. Approval: M. Young Date: 1/26/2010						\$1,50
Artificial Lift Systems 884 Pumping Unit 885 Surface Pumps & Prime Movers 886 Tanks - Steel 890 Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 910 Pipeline Construction 920 Co. Approval: M. Young Date: 1/26/2010					875	\$14,00
Pumping Unit 885 Surface Pumps & Prime Movers 886 Tanks - Steel 890 Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc, Fittings, Valves, Line Pipe and Accessories 900 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 920 Cot Approval: M. Young Date: 1/26/2010						\$10,00
Surface Pumps & Prime Movers 886 Tanks - Steel 890 Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Production Equipment Installation 920 Co. Approval: M. Young Date: 1/26/2010						* * * * *
Tanks - Steel 890 Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Substortal \$12,800 Total \$12,800 Total \$12,800 Metering Equipment Installation 920 Total \$12,800 Co. Approval: M. Young Date: 1/26/2010						\$32,00
Tanks - Others 891 Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Production Equipment Installation 910 SubBTOTAL \$12,800 TOTAL \$12,800 Total WELL COST \$622,500 Prepared by: M. Young Date: 1/26/2010						\$3,00
Separation Equipment 895 Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 920 TOTAL \$12,800 SUBTOTAL \$283,600 Prepared by: M. Young Date: 1/26/2010 Co. Approval: Date:						\$22,00
Gas Treating Equipment 896 Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 920 TOTAL \$12,800 Prepared by: M. Young Date: 1/26/2010 Co. Approval: Date:		——				\$7,50
Heater Treaters, Line Heaters 897 Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 910 Image: Substruction 920 Image: Substruction <						\$5,00
Metering Equipment 898 Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 910 Pipeline Construction 920 Construction 920 Subtrottal \$283,600 Prepared by: M. Young Date: 1/26/2010 Co. Approval: Date:						<u>\$5,00</u> \$12,00
Line Pipe - Gas Gathering and Transportation 900 Misc. Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 920 TOTAL \$12,800 SUBTOTAL \$283,600 Prepared by: M. Young Date: 1/26/2010		———				\$12,00 \$7,50
Misc, Fittings, Valves, Line Pipe and Accessories 906 Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 910 TOTAL \$12,800 SUBTOTAL \$283,600 Prepared by: M. Young Date: 1/26/2010						\$7,50 \$4,00
Cathodic Protection 908 Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 920 TOTAL \$12,800 920 TOTAL \$12,800 920 TOTAL \$283,600 909 TOTAL WELL COST \$622,500 \$622,500 Prepared by: M. Young Date: 1/26/2010 Co. Approval: Date: 1/26/2010						\$4,00 \$10,00
Electrical Installations 909 Production Equipment Installation 910 Pipeline Construction 920 TOTAL \$12,800 TOTAL \$12,800 TOTAL \$12,800 TOTAL WELL COST \$622,500 Prepared by: M. Young Date: 1/26/2010 Co. Approval: Date: 1/26/2010		── }-			11	<u> </u>
Production Equipment Installation 910 Pipeline Construction 910 TOTAL \$12,800 SUBTOTAL \$283,600 TOTAL WELL COST \$622,500 Prepared by: M. Young Date: 1/26/2010 Co. Approval: T2. WALTON Date: 1/26/2010						\$12,00
Pipeline Construction 920 TOTAL \$12,800 SUBTOTAL \$283,600 TOTAL WELL COST \$622,500 Prepared by: M. Young Date: 1/26/2010 Co. Approval: TOT. WALTON Date: 1/26/2010						\$12,00
SUBTOTAL \$283,600 TOTAL WELL COST \$622,500 Prepared by: M. Young Date: 1/26/2010 Co. Approval: M. Ultion Date: 1/26/2010						
SUBTOTAL \$283,600 TOTAL WELL COST \$622,500 Prepared by: M. Young Date: 1/26/2010 Co. Approval: M. Ultion Date: 1/26/2010		TOTAL		\$12,800		\$186,50
TOTAL WELL COST \$622,500 Prepared by: M. Young Date: 1/26/2010 Co. Approval: TR. Whitfor Date: 1/26/2010		BTOTAL		£292 600		
Prepared by: M. Young Date: 1/26/2010 Co. Approval: M. Whatton Date: 1/26/2010						\$338,90
Co. Approval: Date: 1/26/2010	TOTAL WELL (COST		\$62	22,500	
Co. Approval: Date: 1/26/2010	Prenared by: M Young	26/2010				
Co. Approval: Date: Date:	Date. 1/	_0/2010	-			
Joint Owner Interest: Amount:	Co. Approval: Date: 1/	26/2010				
Joint Owner Interest: Amount:			-			
	Joint Owner Interest: Amount:					
Joint Owner: Joint Owner Approval:	loint Owner:	rovel				

Operator has secured Operator's Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 185. Non-Operator may elect NOT to be covered by this Operator's Extra Expense Insurance only by signing below. The undersigned elects NOT to be covered by Operator's Extra Expense Insurance for thier well.