AUTHORIZATION FOR EXPENDITURE
PROSPECT: DIAN PAYROCK ENERGY, LLC

EXPLORATION DRILLING / COMPLETION AFE

WELLNAME: 1307 1-22WH

AFE TITLE: Drilling/Completion PROJECT AFE NO 2015-0XXX

400-081

400-091

400-101

Prepared by: Steve Henley

Trucking - Tangible Completion

TOTAL TANGIBLE COMPLETION COSTS

TOTAL COMPLETION COSTS

TOTAL ESTIMATED WELL COST

Lease Surface Equipment

DEPTH: 14,500' 9620' TVD COUNTY: Canadian OK

Sooner Trend FIELD: SURFACE LOC: 1050' FEL 165' FNL Sec 22 13N 7W
BTM HOLE LOC: 1650' FEL 165' FSL Sec 22 13N 7W

OTHER LOC DESCRIPTION: Canadian Co, OK
GEOLOGIC OBJECTIVE: Woodford
PROJECT SCOPE: Drill and Complete +/-5000' Woodford Lateral



ACCOUNT CODE	ITEM	DRY HOLE	PRODUCER
NTANGIBLE DRIL			
100-001	Survey, Archaeology & Permits	\$50,000	
100-001	Surface Damages & ROW	25,000	
100-021	Location & Roads	90,000	
100-031	Rig Move	120,000	
100-041	Drilling - Footage	-	
100-051	Drilling - Daywork \$17,500 / Day	490,000	
100-061	Drilling Supervision	51,800	
100-071	Disposal, Restoration & Backfill	42,000	
100-081	Turnkey Bid	-	
100-091	Drilling Fluids	172,400	
100-101	Drill Bits & Reamers	83,600	
100-111	Water	28,000	
100-121	Open Hole Logs		
100-131	Coring & Analysis		
100-141	Mud Logging & Geologist	41,500	
100-151	Fuel and Power	147,000	
100-161	Cement and Services	33,000 2,100	
100-171	Communications - Drilling	45,650	
100-181	Casing Crew	25,000	
100-191	BOP Testing Drill Stern Test	23,000	
100-201 100-211	Fishing Tools & Services		
	Tool & Equipment Rentals	137,400	
100-221 100-231	Inspections	107,100	
100-231	Wireline Services	_	
100-241	Engineering & Geology-Field	_	
100-261	Engineering & Geology-Office	_	
100-271	Other Labor	47,000	
100-281	Other Drilling Costs	5,000	
100-291	Multishot & Gyro	7,000	
100-301	Directional Services	180,000	
100-311	Re-Entry Services	-	
100-321	Camps & Trailers - Drilling	44,000	
100-331	Safety Equipment and H2S		
100-341	Trucking - Intangible Drilling	63,000	
100-351	Drilling Insurance & Overhead	21,000	
100-361	Drilling Contingency		THE RESERVE
	TOTAL INTANGIBLE DRILLING COSTS	\$1,951,450	\$ -
TANGIBLE DRILL		200.45	
200-001	Casing - Surface	\$23,125	
200-011	Casing - Conductor	100	
200-021	Casing - Intermediate	192,000	
200-031	Drilling Liner	_	
200-041	Liner Hanger & Associated Equipment Trucking - Tangible Drilling		
200-051	LUCKING - LANGING DEBING		
222 224		63,000	
200-061	Wellhead Equipment	12,400	
200-061 200-071	Welfhead Equipment Re-Entry Equipment	12,400	
	Wellhead Equipment		
	Welfhead Equipment Re-Entry Equipment	12,400	<u>s-</u>
200-071	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS	12,400 — \$290,525	
200-071	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS	12,400 — \$290,525	Ş
200-071 NTANGIBLE CO 300-001	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig	12,400 — \$290,525	\$ \$7,000
200-071 NTANGIBLE CO 300-001 300-011	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion/Workover Rig Roads & Lucation	12,400 — \$290,525	\$7,000 25,000
200-071 NTANGIBLE COI 300-001 300-011 300-021	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment	12,400 — \$290,525	\$7,000 25,000
200-071 INTANGIBLE CO 300-001 300-011 300-021 300-031	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion	12,400 — \$290,525	\$7,000 25,000
200-071 NTANGIBLE CO 300-001 300-011 300-021 300-031 300-041	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids	12,400 — \$290,525	\$7,000 25,000 — — 25,000
200-071 (NTANGIBLE CO) 300-001 300-011 300-021 300-031 300-041 300-051	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water	12,400 — \$290,525	\$7,000 25,000
200-071 NTANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs	12,400 — \$290,525	\$7,000 25,000 — — 25,000
200-071 NTANGIBLE CO 300-001 300-001 300-021 300-031 300-041 300-051 300-061 300-071	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment	12,400 — \$290,525	\$7,000 25,000 ——————————————————————————————————
200-071 NTANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services	12,400 — \$290,525	\$7,000 25,000 25,000
200-071 NTANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews	12,400 — \$290,525	\$7,000 25,000 25,000 25,000 120,000 120,000 25,000 9,000
200-071 NTANGIBLE CO 300-001 300-001 300-021 300-031 300-061 300-061 300-061 300-081 300-081 300-091	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating	12,400 — \$290,525	\$7,000 25,000 25,000
200-071 (NTANGIBLE CO) 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews	12,400 — \$290,525	\$7,000 25,000 25,000 25,000 120,000 120,000 25,000 9,000
200-071 NTANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091 300-101 300-111	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services	12,400 — \$290,525	\$7,000 25,000 25,000 25,000 120,000 120,000 25,000 9,000
INTANGIBLE CO 300-001 300-001 300-021 300-031 300-041 300-051 300-061 300-091 300-091 300-091 300-101	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion Workover Rig Roads & Loeation Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing	12,400 — \$290,525	\$7,000 25,000 25,000 25,000 120,000 2,000 9,000 123,000
200-071 INTANGIBLE CO 300-001 300-001 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-131	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment	12,400 — \$290,525	\$7,000 25,000 25,000 25,000 120,000 2,000 9,000 123,000
INTANGIBLE CO 300-001 300-001 300-001 300-021 300-031 300-061 300-061 300-091 300-091 300-101 300-111 300-121 300-121	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 1,400,000
INTANGIBLE CO 300-0011 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-101 300-111 300-121 300-131 300-141	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 1,400,000
200-071 INTANGIBLE CO 300-001 300-001 300-021 300-021 300-051 300-061 300-061 300-091 300-101 300-111 300-121 300-131 300-151 300-151	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 1,400,000
INTANGIBLE CO 300-001 300-001 300-021 300-031 300-051 300-061 300-061 300-091 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-161	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellate Supervision Engineering Inspections	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 1,400,000
200-071 INTANGIBLE CO 300-001 300-001 300-011 300-021 300-081 300-081 300-081 300-091 300-101 300-111 300-121 300-131 300-161 300-161 300-161 300-171 300-181	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 25,000 120,000 9,000 123,000 1,400,000 25,900
INTANGIBLE CO 300-001 300-001 300-011 300-021 300-051 300-061 300-061 300-071 300-081 300-101 300-111 300-131 300-151 300-151 300-151 300-161 300-171 300-181	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion	12,400 — \$290,525	\$7,000 25,000
INTANGIBLE CO 300-001 300-001 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-191	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellatic Supervision Engineering Inspections Well Testing Inspections Well Testing Intraciple Completion Other Completion Costs	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 25,000 25,000 9,000 123,000
INTANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellste Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 2,000 123,000 123,000 1,400,000 2,5,900 2,5,900 1,1,000 2,5,000 5,000 2,5,300
INTANGIBLE CO 300-001 300-001 300-011 300-021 300-031 300-081 300-081 300-081 300-091 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellste Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Costs Completion Costs Completion Contingency Communications - Completion	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 25,000 123,000 123,000 1,400,000 25,900 183,500 5,000 1,100 25,300 10,000
INTANGIBLE CO 300-001 300-001 300-011 300-021 300-041 300-051 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-181 300-181 300-181 300-181 300-181 300-181 300-181	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellste Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 2,000 123,000 123,000 1,400,000 2,5,900 2,5,900 1,1,000 2,5,000 5,000 2,5,300
INTANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-121 300-161 300-161 300-171 300-181 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-201 300-201	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS WPLETION COSTS WPLETION COSTS WPLETION COSTS WPLETION COSTS WELLING COSTS WELLING COSTS WELLING COSTS WELLING COSTS Completion Rental Equipment Domiling Rig la for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Sengineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion BOP Testing - Completion BOP Testing - Completion	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 25,000 123,000 123,000 1,400,000 25,900 183,500 5,000 1,100 25,300 10,000
INTANGIBLE CO 300-001 300-001 300-011 300-021 300-031 300-081 300-081 300-081 300-091 300-101 300-111 300-131 300-141 300-151 300-181 300-171 300-181 300-181 300-191 300-201 300-201 300-211 300-251 300-261	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Contingency Communications - Completion Other Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Overhead Other Labor	12,400 	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 123,000 123,000 14,400,000 125,900 183,500 183,500 1,100 25,300 10,000 10,0000 71,000
INTANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-211 300-251 300-251 300-261 300-271	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Communications - Completion Other Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Overhead Other Labor	12,400 — \$290,525	\$7,000 25,000 25,000 120,000 25,000 2,000 2,000 123,000
INTANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-211 300-251 300-251 300-261 300-271	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Communications - Completion Other Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Overhead Other Labor	12,400 	\$7,000 25,000 25,000 120,000 25,000 120,000 25,000 123,000 123,000 1,400,000 25,900 1,100 25,300 1,000 25,300 1,000 6,0000 71,000 \$2,061,800
INTANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-051 300-061 300-071 300-081 300-101 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-201 300-201 300-251 300-251	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion Rental Equipment Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Coethead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Casting or Production Liner	12,400 	\$7,000 25,000 120,000 120,000 123,000 123,000 123,000 1,400,000 25,900 1,100 25,900 1,100 25,900 1,100 25,900 1,000 \$2,061,800 \$715,000
INTANGIBLE CO 300-001 300-001 300-001 300-031 300-031 300-051 300-061 300-061 300-071 300-101 300-111 300-131 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Other Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Costs Production Costing Production Costs Completion Coverhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS	12,400 	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 123,000 1,400,000 1,400,000 1,400,000 1,100 25,300 1,100 25,300 1,100 \$2,081,800
INTANGIBLE COI 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-201	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Gamps & Trailers - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing	12,400 	\$7,000 25,000 120,000 120,000 123,000 123,000 123,000 1,400,000 25,900 1,100 25,900 1,100 25,900 1,100 25,900 1,000 \$2,061,800 \$715,000
200-071 INTANGIBLE CO 300-001 300-001 300-021 300-021 300-051 300-061 300-061 300-071 300-081 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-201 300-201 300-271 INTANGIBLE COMP	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Well Rend Rend Equipment Completion Rental Equipment Drilling Rig la for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Sengineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Contingency Communications - Completion Completion Contingency Communications - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods	12,400 	\$7,000 25,000 25,000 120,000 120,000 123,000 123,000 1,400,000 25,900 1,100 5,000 1,1000 \$2,061,800 \$75,000 65,000 40,800
INTANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101	Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Tubing Roads Subsurface Pumping Equipment	12,400 	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 123,000 1,400,000 1,400,000 1,400,000 1,100 25,300 1,100 25,300 1,100 \$2,081,800
INTANGIBLE COI 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-201	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Contingency Communications - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubling Rods Subsurface Pumping Equipment Surface Pumping Equipment	12,400 	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 1,400,000 25,900 1,1000 25,300 1,000 6,000 71,000 \$2,061,800 \$75,000 40,800
INTANGIBLE COI	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL TANGIBLE DRILLING COSTS WPLETION COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Sengineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Costs Completion Contingency Communications - Completion Completion Costs Production Costs Completion Corpletion Completion Costing - Completion Completion Costing - Completion Completion Costing - Completion Completion Costing - Production Liner Liner Hanger & Associated Equipment Production Tabing Rods Subsurface Pumping Equipment Downhole Equipment	12,400 	\$7,000 25,000 120,000 120,000 25,000 9,000 123,000 1,400,000 1,400,000 1,100 1,100 1,000 1
200-071 INTANGIBLE COI 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-121 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-211 300-251 300-271 INNGIBLE COM	Welfhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Contingency Communications - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubling Rods Subsurface Pumping Equipment Surface Pumping Equipment	12,400 	\$7,000 25,000 25,000 120,000 120,000 9,000 123,000 1,400,000 25,900 1,1000 25,300 1,000 6,000 71,000 \$2,061,800 \$75,000 40,800

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