EXPLORATION DRILLING / COMPLETION AFE

 PAYROCK ENERGY, LLC
 AUTHORIZATION FOR EXPENDITURE

 WELLNAME:
 NO NAME MERAMEC 14 00 #1-2H
 PROSPECT: DIAN

 AFE TITLE:
 Drilling/Completion
 7700°

 PROJECT ARE NC 2014-00XX
 DEPTH: 14,000°
 7700°

 FIELD:
 Sooner Trond
 COUNTY:
 Canadian OK

 SURFACE LOC:
 165° FSL and 1,080° FEL
 300° FEL

 DTHER LOC DESCRIPTION:
 0ESCRIPTION:
 0ECOLOGIC OBJECTIVE:

 PROJECT SCOPE:
 Drill and Complete +/-5000°



ACCOUNT CODE				
ACCOUNT CODE				
	ITEM	DRY HOLE	PRODUCER	DESCRIPTION
INTANGIBLE DRIL	LING COSTS		13-2-176 486-1	
100-001	Survey, Archaeology & Permits	\$56,000		
100-011	Surface Damages & ROW	25,000		
100-021	Location & Roads	150,000		
100-031	Rig Move	150,000		
100-041	Drilling - Footage			
100-051	Drilling - Daywork 319,500 / Day	585,000		
100-061	Drilling Supervision	51,000		
100-071	Disposal, Restoration & Backfill	55,900		
100-081	Turnkey Bid			
100-091	Drilling Fluids	174,000		
100-101	Drill Bits & Reamers	83,600		
100-111	Water	30,000		
100-121	Open Hole Logs			
100-131	Coring & Analysis			
100-141	Mud Logging & Geologist	41,500		
100-151	Fuel and Power	157,500		
100-161	Coment and Services	36,000		
100-171	Communications - Drilling	2,300		
100-181	Casing Crew	45,650		
100-191	BOP Testing	15,000		
100-201	Drill Stem Test	-		
100-211	Fishing Tools & Services	-		
	Tool & Equipment Rentals	197,900		
100-221				
100-231	Inspections Winding Services			
100-241	Wireline Services			
100-251	Engineering & Geology-Field			
100-261	Engineering & Geology-Office	45.004		
100-271	Other Labor	45,000		
100-281	Other Drilling Costs	5,000		
100-291	Multishot & Gyro	7,000		
100-301	Directional Services	200,000		
100-311	Re-Entry Services			
100-321	Camps & Trailers - Drilling	47,100		
100-331	Safety Equipment and H2S			
100-341	Trucking - intangible Drilling	63,000		
100-351	Drilling Insurance & Overhead	21,900		
100-361	Drilling Contingency			
	TOTAL INTANGIBLE DRILLING COSTS	\$2,245,350	S	1
TANGIBLE DRILLI				
A RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.		Maria de la companya		And the second section and the second section is a second section of the second section in the second section is
200-001	Casing - Surface	\$23,126		
200-011	Casing - Conductor			
200-021	Casing - Intermediate	266,000		
200-031	Drilling Liner			
		- Tean		
200-041	Liner Hanger & Associated Equipment			
200-041 200-051	Trucking - Tangible Orilling	63,000		
200-041 200-051 200-061	Trucking - Tangible Drilling Wellhead Equipment	63,000 12,400		
200-041 200-051	Trucking - Tangible Orilling			
200-041 200-051 200-061	Trucking - Tangible Drilling Wellhead Equipment		<u>.</u>	
200-041 200-051 200-061	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS	12,400 — \$364,525		
200-041 200-051 200-061	Trucking - Tangible Orilling Wellhead Equipment Re-Entry Equipment	12,400	\$- \$-	
200-041 200-051 200-061	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS	12,400 — \$364,525		
200-041 200-051 200-061 200-071	Trucking - Tangible Drilling Wellhead Edupment Re-Entry Edupment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTG	12,400 — \$364,525	\$	
200-041 200-051 200-061 200-071	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS	12,400 — \$364,525		
200-041 200-051 200-061 200-071	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS Completion/Verkeyer Rig Roads & Location	12,400 — \$364,525	\$	
200-041 200-051 200-061 200-071	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS TOTAL DRILLING COSTS Completion/Workover Rig Roads & Location Completion Rontal Equipment	12,400 — \$364,525	\$	
200-041 200-051 200-061 200-071 200-071 300-011 300-011 300-021 300-031	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULTION COSTS Completion/Workover Rig Roads & Location Compiling Rig for Completion	12,400 — \$364,525	\$56,000 50,000	
200-041 200-051 200-061 200-071 200-071 300-001 300-011 300-021 300-021 300-041	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids	12,400 — \$364,525	\$56,000 50,000 — — 25,000	
200-041 200-051 200-061 200-071 200-071 300-061 300-061 300-061 300-061 300-061 300-061 300-061	Trucking - Tangible Drilling Weilmead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLATION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water	12,400 — \$364,525	\$56,000 50,000 	
200-041 200-051 200-051 200-051 200-071 300-01 300-01 300-01 300-01 300-031 300-041 300-051 300-051	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS Completion Costs Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cassed Hole Logs	12,400 — \$364,525	\$56,000 50,000 — — 25,000	
200-041 200-051 200-051 200-071 200-071 300-011 300-011 300-021 300-031 300-041 300-051 300-071	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Compietion/Workover Rig Roads & Location Completion Rig To Completion Completion Rig To Completion Completion Fluids Water Cased Mole Logs Safety Equipment	12,400 — \$364,525	\$56,000 50,000 	
200-041 200-051 200-051 200-051 200-051 300-051 300-051 300-051 300-051 300-051 300-071 300-071	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Funds Water Carsed Hole Logs Safely Equipment Carsed Hole Logs Carment & Cemmenting Services	12,400 — \$364,525	\$50,000 50,000 	
200-041 200-051 200-051 200-051 200-071 300-071 300-071 300-071 300-071 300-061 300-061 300-061 300-061 300-061 300-061	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion Costs Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Carment & Cementing Services Cassing Crows	12,400 — \$364,525	\$50,000 50,000 	
200-041 200-051 200-061 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001	Trucking - Tangible Drilling Wellmead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Compietion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Cament & Cementing Services Casing Crews Perforating	12,400 — \$364,525	\$50,000 50,000 	
200-041 200-051 200-051 200-051 200-051 300-051 300-051 300-051 300-051 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS FOR COMPLETION COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cament & Gementing Services Casing Crews Perforating Addizing	12,400 — \$364,525	\$50,000 50,000 	
200-041 200-051 200-071 200-071 200-071 300-011 300-011 300-021 300-051 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLATION COSTS Compiliation Rental Equipment Drilling Rig for Compiliation Compiliation Rental Equipment Drilling Rig for Compiliation Compiliation Fluids Water Carsed Hole Logs Safety Equipment Comment & Comenting Services Casing Crews Perforating Acidezing Fining tools & Services	12,400 — \$364,525	\$50,000 50,000 	
200-041 200-051 200-051 200-051 200-051 200-051 300-051 300-051 300-051 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-101 300-101	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Acidizing Finding tools & Services Final tools & Services	12,400 — \$364,525	\$50,000 50,000 	
200-041 200-051 200-071 200-071 200-071 300-001 300-001 300-001 300-021 300-051 300-051 300-061 300-061 300-061 300-061 300-061 300-061 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUBLION COSTS Compinition Kontower Rig Roads & Location Compinition Rental Equipment Drilling Rig for Compinition Compinition Fluids Water Cassed Hole Logs Safety Equipment Cament & Commenting Services Casing Crews Perforating Acidizing Finning Look & Services Frac Treatment	12,400 — \$364,525	\$56,000 50,000 	
200-041 200-051 200-071 200-071 200-071 200-071 300-001	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUTION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Rental Equipment Drilling Rig for Completion Completion Rental Equipment Cament Hole Logs Safety Equipment Cament & Comenting Services Casing Crows Perforating Acideling Finling look & Services Frac Treatment Other Stimulation Wellate Supervision	12,400 — \$364,525	\$50,000 50,000 	
200-041 200-051 200-051 200-051 200-051 300-051 300-051 300-051 300-051 300-051 300-071 300-051 300-071 300-071 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Addizing Fishing tools & Services Trea Treatment Other Stimulation Weillstite Supervision Engineering	12,400 — \$364,525	\$56,000 50,000 	
200-041 200-051 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Carsed Hole Logs Safety Equipment Comman & Commenting Services Casing Crows Perforating Acidicing Finding tools & Services Frac Treatment Other Stimulation Wellstie Supervision Engineering Inspections	12,400 — \$364,525	\$56,000 50,000 	
200-041 200-051 200-051 200-071 200-071 200-071 300-001 300-001 300-021 300-021 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-061 300-101	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Carment & Cementing Services Casing Crews Perforating Acidizing Finding tools & Services Trea Treatment Other Stimulation Wellsite Supervision Engineering Inspections	12,400 — \$364,525	\$50,000 \$0,000 \$0,000 \$150,000 \$150,000 \$27,000 \$0,000 \$0,000 \$2,200,000 \$2,200,000 \$23,800 \$23,800 \$23,800 \$24,000 \$24,000 \$25,000 \$2	
200-041 200-051 200-071 200-071 200-071 300-071 300-071 300-071 300-051 300-051 300-051 300-051 300-071 300-071 300-071 300-071 300-171	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS Compinition Kontal Equipment Drilling Rig for Completion Completion Fluids Water Cassed Hole Logs Safety Equipment Cament & Commenting Services Canned & Commenting Services Canned & Commenting Services Final Treatment Other Stimulation Wellate Supervision Wellate Supervision Engineering Inspections Well Treating Intenting Intenti	12,400 — \$364,525	\$56,000 50,000 	
200-041 200-051 200-001 200-001 200-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS PLETION COSTS PLETION COSTS Roads & Location Completion/Workower Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Carsed Hole Logs Safely Equipment Carment & Commenting Services Casing Crows Perforating Acidizing Fabring tools & Services Frea Treatment Other Stimulation Wellstet Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs.	12,400 — \$364,525	\$56,000 \$0,000 50,000 25,000 150,000 27,000 9,000 30,000 	
200-041 200-051 200-051 200-051 200-051 200-051 300-051 300-051 300-051 300-051 300-061 300-061 300-061 300-061 300-161	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS PULLING COSTS PULLING COSTS PULLING COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Acticizing Finking tools & Services Final Teatment Other Stimulation Welltate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Contingency	12,400 — \$364,525	\$56,000 50,000 50,000 150,000 150,000 27,000 30,000 30,000 22,200,000 23,800 	
200-041 200-051 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion Costs Completion Rental Equipment Drilling Rig for Completion Complicion Fluids Water Cased Hole Logs Safety Equipment Comment S Cementing Services Casing Crows Perforating Acidizing Fahing tools & Services Frac Treatment Other Stimulation Wellstle Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Constigency Communications - Completion	12,400 — \$364,525	\$56,000 \$0,000 	
200-041 200-051 200-051 200-051 200-071 200-071 300-001 300-001 300-013 300-021 300-061 300-061 300-061 300-061 300-061 300-071 300-101 300-20	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLISTION COSTS PLISTION COSTS Completion/Workover Rig Roads & Location Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Activities Activities Finding tools & Services Trea Treatment Other Stimulation Wellstie Supervision Engineering Inspections Well Testing Trucking - Intanglile Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Traingrice - Completion	12,400 — \$364,525	\$50,000 \$0,000 150,000 150,000 27,000 9,000 2,200,000 23,800 23,800 5,000 183,500 5,000 1,100 25,000 25,000	
200-041 200-051 200-071 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-10	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING GOSTS PULLING COSTS Compinition Kental Equipment Drilling Rig for Compinition Compinition Rental Equipment Drilling Rig for Compinition Campinition Fluids Water Cased Hole Logs Safety Equipment Cament & Commenting Services Casing Crews Perforating Acidizing Finhing tools & Services Frac Treatment Unter Stimulation Weilstie Supervision Engineering Inspections Weil Testing Trucking - Intangible Completion Other Completion Costs. Campinion Contingency Communications - Completion Camps & Trailers - Completion Camps & Trailers - Completion Camps & Trailers - Completion	12,400 — \$364,525	\$56,000 \$0,000 	
200-041 200-051 200-051 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-20	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUTION COSTS Completion/Workower Rig Roads & Location Completion/Workower Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Carent & Cementing Services Casing Crows Perforating Acideing Finding tools & Services Trea Treatment Other Stimulation Wellatte Supervision Engineering Inspections. Well Testing Trucking - Intangible Completion Other Completion Costs. Communications - Completion Communications - Completion Camps & Trailers - Completion Camps & Trailers - Completion Camps & Trailers - Completion Completion Coverbad	12,400 — \$364,525	\$50,000 \$0,000 150,000 150,000 27,000 9,000 20,000 23,800 23,800 5,000 11,100 25,300 5,000 5,000 6,000	
200-041 200-051 200-071 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-10	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLITION COSTS Completion/Workover Rig Roads & Location Completion/Workover Rig Roads & Location Completion Entril Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cament & Comenting Services Casing Crews Perforating Acidizing Finhing tools & Services Trea Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Completion Costs Completion Costs Completion Costs Completion Contingency Communications - Completion Completion Contrare - Completion BOP Testing - Completion Completion Coverbead Other Labor	12,400 3364,525 \$2,609,878	\$50,000 \$0,000 150,000 150,000 27,000 9,000 2,200,000 23,800 23,800 5,000 5,000 5,000 5,000 71,000	
200-041 200-051 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-20	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUTION COSTS Completion/Workower Rig Roads & Location Completion/Workower Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Carent & Cementing Services Casing Crows Perforating Acideing Finding tools & Services Trea Treatment Other Stimulation Wellatte Supervision Engineering Inspections. Well Testing Trucking - Intangible Completion Other Completion Costs. Communications - Completion Communications - Completion Camps & Trailers - Completion Camps & Trailers - Completion Camps & Trailers - Completion Completion Coverbad	12,400 — \$364,525	\$50,000 \$0,000 150,000 150,000 27,000 9,000 20,000 23,800 23,800 5,000 11,100 25,300 5,000 5,000 6,000	
200-041 200-051 200-071 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLITION COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Equipment Drilling Rig for Completion Completion Equipment Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Actioning Finding tools & Services Trea Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing - Intengible Completion Compression Costis Completion Costis Completion Contingency Communications - Completion Compression - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS	12,400 3364,525 \$2,609,878	\$50,000 \$0,000 150,000 150,000 27,000 9,000 2,200,000 23,800 23,800 5,000 5,000 5,000 5,000 71,000	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-011 300-011 300-011 300-011 300-011 300-011 300-011 300-011 300-011 300-011 300-101 300-101 300-101 300-101 300-101 300-101 300-111 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-201 300-201 300-201 300-201 300-201 300-201 300-211	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING GOSTS PULLING COSTS Compinition Kental Equipment Drilling Rig for Compinition Compinition Rental Equipment Drilling Rig for Compinition Campinition Fluids Water Cased Hole Logs Safety Equipment Cament & Commenting Services Casing Crews Perforating Addizing Finhing tools & Services Frac Treatment Other Stimulation Wellstie Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Compiletion Costs. Compiletion Contingency Commentications - Compiletion Camps & Trailers - Compiletion Camps & Trailers - Compiletion Compiletion Costs. Compiletion Contingency Communications - Compiletion Camps & Trailers - Compiletion Compiletion Contingency Communications - Compiletion Compiletion Costs. Compiletion Contingency Communications - Compiletion Compiletion Costs	12,400 3364,525 \$2,609,878	\$56,000 \$0,000	
200-041 200-051 200-061 200-071 200-071 200-071 200-071 300-011 300-013 300-013 300-041 300-051 300-061 300-061 300-061 300-101 300-201 300-271 300-201 300-271	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUTION COSTS Completion/Workower Rig Roads & Location Completion/Workower Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Carent & Cementing Services Casing Crows Perforating Acideing Finding tools & Services Treat Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Communications - Completion Carings & Trailers - Completion Camps & Trailers - Completion Camps & Trailers - Completion Completion Coverbad Other Labor TOTAL INTANGIBLE COMPLETION COSTS ETION COSTS Production Caring or Production Liner	12,400 3364,525 \$2,609,878	\$56,000 \$0,000 \$0,000 150,000 150,000 27,000 30,000 2,200,000 23,800 1183,500 \$0,000 25,300 \$1,000 \$2,867,700	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-101	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS Completion Costs Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Eluids Water Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Addizing Finking tools & Services Casing Crews Perforating Addizing Finking tools & Services Trea Treatment Other Stimulation Wellstie Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion BOP Testing - Completion Completion Contract TOTAL INTANGIBLE COMPLETION COSTS **TOTAL INTANGIBLE COMPLETION COSTS **TOT	12,400 3364,525 \$2,609,878	\$56,000 50,000 25,000 150,000 27,000 30,000 2,200,000 2,200,000 23,800 5,000 5,000 6,000 5,000 6,000 71,000 32,267,700	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-011 300-011 300-011 300-051 300-061 300-061 300-061 300-061 300-071 300-061 300-171 300-181 300-181 300-181 300-181 300-181 300-181 300-181 300-181 300-181 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211	Trucking - Tanglile Drilling Weithead Equipment Re-Entry Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Production Carsing or Production Curier Liner Lindang or Production Liner Liner Hanger & Associated Equipment Production Carsing or Production Liner Liner Hanger & Associated Equipment Production Carsing or Production Liner Liner Hanger & Associated Equipment	12,400 3364,525 \$2,609,878	\$56,000 \$0,000 \$0,000 \$150,000 \$150,000 \$2,000 \$30,000 \$2,000 \$2,000 \$2,000 \$3,000 \$2,000 \$3,000	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-101 200-201	Trucking - Tanglile Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion/Workover Rig Roads & Location Completion Completion Completion Plus Research Water Cased Hole Logs Safety Equipment Carent Research Carent Research Carent Research Finding Rig for Remetting Services Casing Crews Perforating Acidizing Finding tools & Services Casing Crews Perforating Acidizing Acidizing Finding tools & Services Casing Depression Wellstie Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Costs Completion Contingency Commentications - Completion Completion Contingency Commentications - Completion Completion Control ROP Testing - Completion Completion Coverbad Other Lubor TOTAL INTANGIBLE COMPLETION COSTS STION COSTS Froduction Tubing Rods	12,400 3364,525 \$2,609,878	\$56,000 50,000 25,000 150,000 27,000 30,000 2,200,000 2,200,000 23,800 5,000 5,000 6,000 5,000 6,000 71,000 32,267,700	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-101 300-201 300-201 300-201 300-201 300-201 300-201 300-211	Trucking - Tangible Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS Completion Costs Completion Rental Equipment Drilling Rig for Completion Completion Eluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crees Perforating Acidizing Finhing tools & Services Casing Crees Perforating Acidizing Finhing tools & Services Trea Trentment Other Stimulation Wellate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Commentications - Completion ROP Testing - Completion ROP Testing - Completion Completion Costs Completion Contragency Communications - Completion ROP Testing - Completion ROP Testing - Completion TOTAL INTANGIBLE COMPLETION COSTS STION COSTS Production Tubing Reds Subsurface Pumping Equipment	12,400 3364,525 \$2,609,878	\$56,000 50,000 25,000 150,000 27,000 30,000 2,200,000 2,200,000 23,800 5,000 5,000 6,000 5,000 6,000 71,000 32,267,700	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-101 300-201	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS PLETION COSTS Roads & Location Completion/Workower Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Carsed Total Completion Chement & Commenting Services Casing Crows Perforating Acidering Freat Treatment Other Stimulation Well Institut Trucking - Intangible Completion Cherr Completion Costs Communications - Completion Camps & Trailers - Completion	12,400 3364,525 \$2,609,878	\$50,000 \$0,000 \$150,000 \$150,000 \$2,000 \$2,000 \$30,000 \$2,000 \$2,000 \$2,000 \$2,000 \$3,	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-171 200-77	Trucking - Tanglile Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS PULLING COSTS PULLING COSTS Roads & Location Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Eluids Water Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Addizing Finking tools & Services Casing Crews Perforating Addizing Finking tools & Services Trea Treatment Other Stimulation Weilstite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Comprised Contingency Communications - Completion Camps & Tradiar - Completion Completion Contragency Communications - Completion Completion Contragency Communications - Completion Completion Contragency TOTAL INTANGIBLE COMPLETION COSTS **TION COSTS** Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Surface Pumping Equipment Surface Pumping Equipment	12,400 3364,525 \$2,609,878	\$56,000 \$0,000 	
200-041 200-051 200-061 200-071 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-201	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS PLETION COSTS Roads & Location Completion/Workower Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safely Equipment Carsed Total Completion Chement & Commenting Services Casing Crows Perforating Acidering Freat Treatment Other Stimulation Well Institut Trucking - Intangible Completion Cherr Completion Costs Communications - Completion Camps & Trailers - Completion	12,400 3364,525 \$2,609,878	\$50,000 \$0,000 \$0,000 \$150,000 \$150,000 \$27,000 \$3,000 \$2,200,000 \$2,200,000 \$3,000 \$4,000 \$5,000 \$5,000 \$5,000 \$71,000 \$2,267,700	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-101	Trucking - Tanglile Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS PULLING COSTS PULLING COSTS Roads & Location Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Eluids Water Cased Hole Logs Safety Equipment Cament & Cementing Services Casing Crews Perforating Addizing Finking tools & Services Casing Crews Perforating Addizing Finking tools & Services Trea Treatment Other Stimulation Weilstite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Comprised Contingency Communications - Completion Camps & Tradiar - Completion Completion Contragency Communications - Completion Completion Contragency Communications - Completion Completion Contragency TOTAL INTANGIBLE COMPLETION COSTS **TION COSTS** Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Surface Pumping Equipment Surface Pumping Equipment	12,400 3364,525 \$2,609,878	\$56,000 \$5,000 150,000 150,000 150,000 27,000 30,000 2,200,000 23,800 23,800 5,000 6,000 5,000 6,000 5,000 6,000 5,000 6,000 5,000 6,000 5,000 6	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-101 200-20	Trucking - Tangible Drilling Wellinead Equipment Re-Entry Equipment Re-Entry Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUTION COSTS PUTION COSTS PUTION COSTS PUTION COSTS PUTION COSTS Completion/Workover Rig Roads & Location Compinion Rental Equipment Drilling Rig for Completion Compinion Fluids Water Caved Hole Logs Safety Equipment Cament & Comenting Services Casing Crows Perforating Acideling Finking tools & Services Frac Treatment Other Stimulation Wellate Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Communications - Completion Communications - Completion Camps & Trailers - Completion Completion Contingency Communications - Completion Commu	12,400 3364,525 \$2,609,878	\$50,000 \$0,000 150,000 150,000 150,000 27,000 30,000 2,200,000 2,200,000 2,3,800 183,500 5,000 1,000 5,000 71,000 5,000 5,000 6,000 71,000 52,867,700	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-071 200-101 200-20	Trucking - Tanglile Drilling Wellhead Equipment Re-Entry Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig Roads & Location Completion/Workover Rig Roads & Location Completion Completion Completion Fluids Water Cased Hole Logs Safety Equipment Carent & Cementing Services Casing Crews Perforating Acideting Finding Itooh & Services Casing Crews Perforating Acideting Finding Itooh & Services Casing University Charles of Completion Other Stimulation Wellsite Supervision Engineering Inspections Well Testing - Intanglile Completion Other Completion Costs Completion Costs Completion Contingency Communications - Completion Completion Contingency TOTAL INTANGIBLE COMPLETION COSTS ### Freduction Careng or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Downhole Equipment Trucking - Tangible Completion	12,400 3364,525 \$2,609,878	\$50,000 \$0,000 \$150,000 \$150,000 \$2,5000 \$150,000 \$2,000	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-101	Trucking - Tangible Drilling Wellinead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUTION COSTS Completion/Workower Rig Roads & Location Compirition Rental Equipment Drilling Rig for Completion Compirition Rental Equipment Carved Hole Logs Safety Equipment Chement Stimulation Welling For Completion Chement Stimulation Well Testing Trucking - Intangible Completion Communications - Completion Co	17.400 \$344,525 \$2,609,676	\$56,000 \$0,000	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-101 300-201	Trucking - Tangible Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PULLING COSTS Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Eluds Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acticizing Fishing tools & Services Trea Treatment Other Stimulation Weilstie Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Costs Completion Contingency Communications - Completion Completion Costs Costs Total Intrangible Completion Liner United Costs Sufface Pumping Equipment Weilhead Equipment Weilhead Equipment Weilhead Equipment Weilhead Equipment Weilhead Equipment Weilhead Equipment	12,400 3364,525 \$2,609,878	\$56,000 \$0,000	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-101 300-201	Trucking - Tangible Drilling Weithead Equipment Re-Entry Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Roads & Location Compiletion Rental Equipment Drilling Rig for Completion Compiletion Rental Equipment Carved Hole Logs Safety Equipment Chement Structure Carved Hole Logs Safety Equipment Chement Structure Carved Treatment Other Structure Trucking - Intangible Completion Communications - Completion Completion Contingency Completion Contingency TOTAL INTANGIBLE COMPLETION COSTS TOTAL TANGIBLE COMPLETION COSTS TOTAL TANGIBLE COMPLETION COSTS	17.400 \$344,525 \$2,609,676	\$56,000 \$0,000 150,000 150,000 150,000 150,000 27,000 30,000 2,200,000 2,3,800 1,100 25,300 5,000 71,000 5,000 5,000 6,000 71,000 5,000 6,000 71,000 5	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-171 400-001	Trucking - Tanglile Drilling Weilhead Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PUTION COSTS Roads & Location Compinion Rental Equipment Compinion Rental Equipment Compinion Rental Equipment Cared Hole Logs Safety Equipment Cared Hole Logs Safety Equipment Cared Hole Logs Safety Equipment Cament & Comenting Services Casing Crews Perforating Acideling Fishing took & Services Froa Treatment Other Simulation Weilste Eupervision Engineering Interpetions Weil Testing Trucking - Intengible Completion Other Completion Costs Compiletion Costs Compiletion Costingency Communications - Completion Compistion Overhead Other Library TOTAL INTANGIBLE COMPLETION COSTS Froduction Langing Equipment Surface Pumping Equipment Surface Pumping Equipment Surface Pumping Equipment Towalling - Tangible Completion Lense Surface Equipment Trucking - Tangible Completion Lense Surface Equipment Flowlines TOTAL TANGIBLE COMPLETION COSTS TOTAL COMPLETION COSTS	12.400 \$344.525 \$2,609,675 \$	\$50,000 \$0,000 160,000 160,000 27,000 30,000 2,200,000 2,200,000 2,3,800 183,500 \$0,000 1,000 \$2,867,700 \$50,000 61,000 \$2,700 \$5,000 \$1,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,700 \$5,000 \$2,000 \$2,000 \$2,000 \$2,000 \$2,000 \$2,000 \$3,00	
200-041 200-051 200-071 200-071 200-071 200-071 200-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-071 300-101 300-201	Trucking - Tangible Drilling Weithead Equipment Re-Entry Equipment Re-Entry Equipment Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS PLETION COSTS Roads & Location Compiletion Rental Equipment Drilling Rig for Completion Compiletion Rental Equipment Carved Hole Logs Safety Equipment Chement Structure Carved Hole Logs Safety Equipment Chement Structure Carved Treatment Other Structure Trucking - Intangible Completion Communications - Completion Completion Contingency Completion Contingency TOTAL INTANGIBLE COMPLETION COSTS TOTAL TANGIBLE COMPLETION COSTS TOTAL TANGIBLE COMPLETION COSTS	12.400 \$344.525 \$2,609,676	\$56,000 \$0,000 150,000 150,000 150,000 150,000 27,000 30,000 2,200,000 2,3,800 1,100 25,300 5,000 71,000 5,000 5,000 6,000 71,000 5,000 6,000 71,000 5	



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