AUTHORIZATION FOR EXPENDITURE EXPLORATION DRILLING / COMPLETION AFE PROSPECT: DIAN

9370' Kingfisher OK

 PAYROCK ENERGY, LLC
 AUTHORIZATION FOR EXPENDED.

 WELLNAME:
 14 07 #1-17WH

 AFE TITLE:
 Drilling/Completion

 PROJECT AFE NC 2014-0008
 DEPTH:
 16370' MD

 FIELD:
 Sooner Trend
 COUNTY:

 SURFACE LOC:
 2310' FWL 165' FSL Sec 17 14N 7W

 BTM HOLE LOC:
 2310' FWL 165' FNL Sec 17 14N 7W

 OTHER LOC DESCRIPTION:
 Kingfisher Co, OK

 GEOLOGIC OBJECTIVE:
 Woodford

 PROJECT SCOPE: Drill and Complete +5000' Woodford Latera



COUNT CODE	ITEM	DRY HOLE	PRODUCER	DESCRIPTION
ANGIBLE DRIL			S. and haz	
100-001	Survey, Archaeology & Permits	\$56,000	STATE OF THE STATE OF	
100-011	Surface Damages & ROW	25,000		
100-021	Location & Roads	150,000 150,000		
100-031	Rig Move Drilling - Footage	130,000		
100-041	Drilling - Poolage Drilling - Daywork \$19,500 / Day	585,000		
100-061	Drilling Supervision	51,000	76.	
100-071	Disposal, Restoration & Backfill	55,900	1457b. 1	
100-081	Turnkey Bid		5 TO 18 - 1	
100-091	Drilling Fluids	174,000		
100-101	Drill Bits & Reamers	83,600	<b>基本基本基本</b>	
100-111	Water	30,000	1.50	
100-121	Open Hole Logs	_		
100-131 100-141	Coring & Analysis Mud Logging & Geologist	41,500		
100-141	Fuel and Power	157,500	STATE OF	
100-161	Cement and Services	36,000	A TOTAL A	
100-171	Communications - Drilling	2,300		
100-181	Casing Crew	45,650	F. Sacration	
100-191	BOP Testing	15,000		
100-201	Drill Stem Test	-		
100-211	Fishing Tools & Services	407.000		
100-221	Tool & Equipment Rentals	197,900		
100-231	Inspections			
100-241 100-251	Wireline Services Engineering & Geology-Field		<b>发展</b> 1000 000 000 000 000 000 000 000 000 0	
100-251	Engineering & Geology-Field Engineering & Geology-Office	_	* A 1	
100-201	Other Labor	45,000		
100-281	Other Drilling Costs	5,000	NAME OF STREET	
100-291	Multishot & Gyro	7,000		
100-301	Directional Services	200,000		
100-311	Re-Entry Services	47.400		
100-321	Camps & Trailers - Drilling	47,100		
100-331 100-341	Safety Equipment and H2S Trucking - Intangible Drilling	63,000		
100-341	Drilling Insurance & Overhead	21,900		
100-361	Drilling Contingency		Wat Land	
	TOTAL INTANGIBLE DRILLING COSTS	\$2,245,350	\$	
		V2/270/000		
NGIBLE DRILL			A Complete Com	Commence of the Section of the Secti
200-001	Casing - Surface	\$23,125		
200-011	Casing - Conductor	266,000		
200-021	Casing - Intermediate Drilling Liner	200,000		
200-031	Liner Hanger & Associated Equipment	_		
200-051	Trucking - Tangible Drilling	63,000		
200-061	Wellhead Equipment	12,400		
200-061 200-071	Wellhead Equipment Re-Entry Equipment		ina i i a	
			\$	
	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS	12,400  \$364,525		
200-071	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS	12,400	\$ \$	
200-071  TANGIBLE CO	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  IPLETION COSTS	12,400  \$364,525	\$	
200-071  TANGIBLE COI 300-001	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  WPLETION COSTS  Completion/Workover Rig	12,400  \$364,525	\$ \$56,000	
200-071  TANGIBLE CO	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  IPLETION COSTS	12,400  \$364,525	\$	
200-071  TANGIBLE COI 300-001 300-011	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  MPLETION COSTS  Completion/Workover Rig Roads & Location	12,400  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE CON 300-001 300-011 300-021 300-031 300-041	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  BELLION 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	
200-071 TANGIBLE COI 300-001 300-001 300-021 300-031 300-041 300-051	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	12,400  \$364,525	\$56,000 50,000  25,000 150,000	
200-071 200-071 300-001 300-011 300-021 300-031 300-031 300-051 300-061	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  IPLETION COSTS  Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs	12,400  \$364,525	\$56,000 50,000  25,000	
200-071 TANGIBLE COI 300-001 300-011 300-021 300-031 300-041 300-051 300-051 300-071	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  WELTION COSTS  Completion/Workover Rig Roads & Location  Completion Rental Equipment  Drilling Rig for Completion  Completion Fluids  Water  Cased Hole Logs  Safety Equipment	12,400  \$364,525	\$55,000 50,000  25,000 150,000	
200-071 TANGIBLE COI 300-001 300-001 300-021 300-021 300-031 300-041 300-061 300-061 300-081	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  WELETION 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  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE CON 300-001 300-001 300-021 300-021 300-041 300-051 300-061 300-071 300-081 300-091	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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  \$364,525	\$56,000 50,000 	
200-071 TANGIBLE COI 300-001 300-001 300-021 300-021 300-031 300-041 300-061 300-061 300-081	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  WELETION 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  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-021 300-031 300-051 300-061 300-061 300-081 300-091 300-091	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  DETION 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	12,400  \$364,525	\$55,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-021 300-031 300-051 300-061 300-061 300-091 300-091 300-101 300-101 300-121 300-131	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	12,400  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-021 300-051 300-061 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-131	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-011 300-011 300-011 300-021 300-041 300-051 300-061 300-071 300-081 300-011 300-101 300-111 300-121 300-131 300-141 300-151	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  INTETION 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  \$364,525	\$55,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-011 300-021 300-031 300-061 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-141 300-151 300-161	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig Roads & Location Completion Fulds  Pulling Rig for Completion Completion Fluids  Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering	12,400  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-011 300-021 300-051 300-051 300-051 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-151 300-161 300-171	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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	12,400  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-011 300-011 300-011 300-031 300-041 300-051 300-061 300-071 300-081 300-011 300-101 300-111 300-131 300-131 300-141 300-151 300-161 300-171 300-181	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  BELLION 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	12,400  \$364,525	\$56,000 50,000	
200-071  TANGIBLE COI 300-001 300-001 300-011 300-021 300-051 300-051 300-051 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-151 300-161 300-171	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Wellstite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion	12,400  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-021 300-061 300-061 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-151 300-151 300-161 300-171 300-181 300-181	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  BELLION 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	12,400  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-021 300-051 300-051 300-061 300-091 300-101 300-101 300-111 300-121 300-151 300-151 300-151 300-151 300-171 300-181 300-181 300-181 300-191 300-201 300-201 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Inspections Well Testing Inspections Well Testing Intucking - Intangible Completion Other Completion Costs Computed Contingency Communications - Completion	12,400  \$364,525	\$56,000 50,000 50,000	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-001 300-051 300-051 300-061 300-071 300-081 300-101 300-111 300-121 300-131 300-151 300-161 300-161 300-161 300-191 300-191 300-201 300-211 300-251	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 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	12,400  \$364,525	\$56,000 50,000 	
200-071  TANGIBLE COI 300-001 300-001 300-011 300-021 300-081 300-061 300-061 300-091 300-101 300-101 300-111 300-121 300-151 300-151 300-161 300-171 300-181 300-191 300-201 300-201 300-211 300-281 300-281 300-281	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 Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellstes Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion Camps & Trailers - Completion SOP Testing - Completion	12,400  \$364,525	\$56,000 \$5,000 \$0,000 \$0,000 \$150,000 \$150,000 \$27,000 \$9,000 \$0,000 \$1,800,000 \$23,800 \$5,000 \$183,500 \$5,000 \$5,000 \$5,000	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-151 300-151 300-151 300-151 300-151 300-151 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Inspections Well Testing Other Completion Other Completion Costs Completion Contingency Communications - Completion Other Completion Other Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Cowhead	12,400  \$364,525	\$56,000  \$56,000  50,000	
200-071  TANGIBLE COI 300-001 300-001 300-011 300-021 300-081 300-061 300-061 300-091 300-101 300-101 300-111 300-121 300-151 300-151 300-161 300-171 300-181 300-191 300-201 300-201 300-211 300-281 300-281 300-281	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Grews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Compuletion Contingency Communications - Completion Camps & Trailers - Completion Completion Overhead Other Labor	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 50,000	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-151 300-151 300-151 300-151 300-151 300-151 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Inspections Well Testing Other Completion Other Completion Costs Completion Contingency Communications - Completion Other Completion Other Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Cowhead	12,400  \$364,525	\$56,000  \$56,000  50,000	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-071 300-081 300-071 300-101 300-111 300-121 300-131 300-151 300-161 300-161 300-171 300-181 300-181 300-181 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Grews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Compuletion Contingency Communications - Completion Camps & Trailers - Completion Completion Overhead Other Labor	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 50,000	
200-071  TANGIBLE COI 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-071 300-081 300-071 300-101 300-111 300-121 300-131 300-151 300-161 300-161 300-171 300-181 300-181 300-181 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Grews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Compuletion Contingency Communications - Completion BOP Testing - Completion Completion Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 50,000	
200-071  TANGIBLE CON 300-001 300-001 300-011 300-021 300-051 300-061 300-061 300-071 300-101 300-101 300-111 300-121 300-131 300-141 300-151 300-151 300-161 300-171 300-181 300-191 300-201 300-201 300-201 300-201 300-211	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Contingency Communications - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS	\$364,525 \$264,525 \$2,609,875	\$ \$56,000 \$0,000 \$0,000 25,000 \$150,000 27,000 \$0,000 1,800,000 23,800 183,500 5,000 1,100 \$25,300 \$5,000 6,000 \$71,000	
200-071  TANGIBLE COM 300-001 300-001 300-001 300-001 300-061 300-061 300-061 300-061 300-061 300-061 300-101 300-101 300-111 300-151 300-151 300-151 300-151 300-151 300-151 300-151 300-201 300-201 300-201 300-201 300-201 300-201 300-211	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 BOP Testing - Completion Completion Contingency Completion Contingency Completion Coverbead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  Production Casting or Production Liner	\$364,525 \$264,525 \$2,609,875	\$	
200-071  TANGIBLE COII 300-001 300-001 300-001 300-021 300-051 300-051 300-061 300-091 300-101 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-151 300-151 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 Production Verhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 50,000	
200-071  TANGIBLE CON 300-001 300-001 300-011 300-031 300-051 300-061 300-071 300-081 300-091 300-101 300-101 300-11 300-121 300-121 300-131 300-161 300-161 300-171 300-181 300-191 300-201 300-201 300-201 300-201 300-271	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 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 Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  LIETION COSTS Production Tubing Rods Subsurface Pumping Equipment	\$364,525 \$264,525 \$2,609,875	\$ \$56,000 \$0,000 \$0,000 \$150,000 \$25,000 \$9,000 \$0,000 \$ \$1,800,000 \$ \$23,800 \$ \$1,800,000 \$ \$1,800,000 \$ \$1,100 \$25,300 \$5,000 \$6,000 \$24,467,700 \$50,000 \$61,000 \$62,700	
200-071  TANGIBLE CON 300-001 300-001 300-001 300-001 300-061 300-061 300-061 300-061 300-061 300-011 300-101 300-101 300-101 300-101 300-111 300-121 300-151 300-151 300-181 300-181 300-191 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Reads & Location Completion/Workover Rig Reads & Location Completion Fluids Water Cased Hole Logs Safety 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 TOTAL INTANCIBLE COMPLETION COSTS  **LETION COSTS** Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 50,000 50,000 25,000 150,000 27,000 9,000 30,000 23,800 23,800 1,800,000 1183,500 5,000 5,000 5,000 6,000 5,000 6,000 52,467,700 \$80,000 61,000 62,700	
200-071  TANGIBLE COII 300-001 300-001 300-001 300-001 300-001 300-051 300-051 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-151 300-151 300-171 300-181 300-171 300-181 300-171 300-201 300-201 300-211 300-201 300-211 300-271  ANGIBLE COMF 400-001 400-011 400-011 400-021 400-051	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION 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 BOP Testing - Completion Completion Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Downhole Equipment	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 5	
200-071  TANGIBLE CON 300-001 300-001 300-011 300-031 300-051 300-061 300-061 300-061 300-071 300-101 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-161 300-171 300-181 300-191 300-201 300-201 300-201 300-271	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety 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 Well Testing Inspections Well Testing Trucking - Intangible Completion Other Completion Contingency Communications - Completion Completion Contingency Communications - Completion Completion Contingency Total INTANCIBLE COMPLETION COSTS  Production Casing or Production Liner Liner Hanger & Associated Equipment Production Liner Liner Hanger & Associated Equipment Production Linguipment Surface Pumping Equipment Surface Pumping Equipment Wellende Equipment	\$364,525 \$264,525 \$2,609,875	\$	
200-071  TANGIBLE CON 300-001 300-001 300-001 300-001 300-001 300-061 300-061 300-061 300-061 300-01 300-101 300-101 300-101 300-111 300-121 300-131 300-141 300-151 300-181 300-181 300-181 300-191 300-201 300-201 300-201 300-201 300-201 300-201 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001	Re-Entry Equipment  TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Roads & Location 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 Compset & Crement Sor Testing - Completion Completion Contingency Completion Contingency TOTAL INTANGIBLE COMPLETION COSTS  Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Downhole Equipment Trucking - Tangible Completion	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 60,000 50,000 6	
7ANGIBLE COME 300-071 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-051 300-051 300-051 300-101 300-101 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig  Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids  Water  Cased Hole Logs Safely 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 BOP Testing - Completion Camps & Trailers - Completion Completion Overhead Other Labor  TOTAL INTANCIBLE COMPLETION COSTS  Perfouction Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 5	
200-071  TANGIBLE CON 300-001 300-001 300-001 300-001 300-001 300-061 300-061 300-061 300-061 300-01 300-101 300-101 300-101 300-111 300-121 300-131 300-141 300-151 300-181 300-181 300-181 300-191 300-201 300-201 300-201 300-201 300-201 300-201 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001 400-001	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Acidizing Fishing tools & Services Frac Treatment Other Stimulation Well Testing Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Contingency Communications - Completion BOP Testing - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS  Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Veilneas Equipment Trucking - Tangible Completion Lease Surface Equipment Trucking - Tangible Completion Lease Surface Equipment Flowlines	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000	
7ANGIBLE COME 300-071 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-051 300-051 300-051 300-101 300-101 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig  Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids  Water  Cased Hole Logs Safely 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 BOP Testing - Completion Camps & Trailers - Completion Completion Overhead Other Labor  TOTAL INTANCIBLE COMPLETION COSTS  Perfouction Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000 5	
7ANGIBLE COME 300-071 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-051 300-051 300-051 300-101 300-101 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  FILTION COSTS  Completion/Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety 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 Well stimulation Well Testing Trucking - Intangible Completion Other Completion Costs Completion Costs Completion Contingency Communications - Completion BOP Testing - Completion Completion Costs Completion Costs Production Costs Completion Costs Completion Costs Production Costs Production Costs Production Costs Subsurface Pumping Equipment Production Tubing Rods Subsurface Pumping Equipment Wellhead Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment Flowlines  TOTAL TANGIBLE COMPLETION COSTS	\$364,525 \$26,609,875 \$2,609,875	\$56,000 50,000 5	
7ANGIBLE COME 300-071 300-001 300-001 300-001 300-011 300-051 300-051 300-051 300-051 300-051 300-051 300-051 300-101 300-101 300-101 300-111 300-121 300-131 300-151 300-151 300-151 300-201	Re-Entry Equipment  TOTAL TANCIBLE DRILLING COSTS  TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Acidizing Fishing tools & Services Frac Treatment Other Stimulation Well Testing Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Contingency Communications - Completion BOP Testing - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS  Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Veilneas Equipment Trucking - Tangible Completion Lease Surface Equipment Trucking - Tangible Completion Lease Surface Equipment Flowlines	\$364,525 \$264,525 \$2,609,875	\$56,000 50,000	

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