EXPLORATION DRILLING / COMPLETION AFE

DATE:



 PAYROCK ENERGY, LLC
 AUTHORIZATION FOR EXPENDITURE

 WELLNAME:
 HUBT 1307 1-29/20WH
 PROSPECT: DIAN

 AFE TITLE:
 Drilling/Completion
 PROJECT AFE NC 2015-00XX
 DEPTH: 17,600'
 10139'

 FIELD:
 Sooner Trend
 COUNTY:
 Canadian OK

 SURFAGE LOC:
 165/FNL 2440/FWL Sec 32 13N 7W

 BTM HOLE LOC:
 2485/FSL 2310/FWL Sec 20 13N 7W

 OTHER LOC DESCRIPTION:
 Canadian Co, OK

 GEOLOGIC 0BJECTIVE:
 Woodford

 PROJECT SCOPE: Drill and Complete 1-7500' Woodford Lateral

COURT COS	ITEM I	DRY HOLE	PRODUCER	DESCRIPTION
COUNT COD	E ITEM	DRY HOLE	PRODUCER	DESCRIPTION
100-001	Survey, Archaeology & Permits	\$50,000		
100-011	Surface Damages & ROW	25,000		
100-021	Location & Roads Rig Move	100,000 150,000		
100-031	Drilling - Footage			
100-051	Drilling - Daywork \$19,500 / Day	546,000		
100-061	Drilling Supervision	51,800		
100-071	Disposal, Restoration & Backfill	45,000		
100-081	Turnkey Bid Drilling Fluids	172,400		
100-101	Drill Bits & Reamers	83,600		8
100-111	Water	28,000		
100-121	Open Hole Logs			
100-131 100-141	Coring & Analysis Mud Logging & Geologist	41,500		
100-151	Fuel and Power	147,000		
100-161	Cement and Services	36,000		
100-171 100-181	Communications - Drilling	2,100 45,650		
100-161	Casing Crew BOP Testing	25,000		
100-201	Drill Stem Test			
100-211	Fishing Tools & Services			
100-221	Tool & Equipment Rentals	232,400		
100-231	Inspections Wireline Services			
100-251	Engineering & Geology-Field			
100-261	Engineering & Geology-Office			
100-271	Other Labor	47,000		
100-281 100-291	Other Drilling Costs Multishot & Gyro	5,000 7,000		
100-291	Directional Services	200,000		
100-311	Re-Entry Services	_		
100-321	Camps & Trailers - Drilling	44,000		
100-331	Safety Equipment and H2S Trucking - Intangible Drilling	63,000		
100-351	Drilling Insurance & Overhead	21,000		
100-361	Drilling Contingency			
	TOTAL INTANGIBLE DRILLING COSTS	\$2,168,450	\$	
NGIBLE DRIL	ING COSTS	ALCOHOL:		SELECTION OF STREET
200-001	Casing - Surface	\$23,125		
200-011	Casing - Conductor			
200-021	Casing - Intermediate	192,000		
200-031	Drilling Liner Liner Hanger & Associated Equipment			
200-051	Trucking - Tangible Drilling	63,000		
	M. W 1 E - 1			
200-061	Wellhead Equipment	12,400		
200-061	Re-Entry Equipment	_		
		12,400 — \$290,525	<u>\$-</u>	
	Re-Entry Equipment	_	\$ \$	
200-071	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS	\$290,525		
200-071 ANGIBLE CO 300-001	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion/Workover Rig	\$290,525	\$ \$27,000	
200-071 ANGIBLE CO 300-001 300-011	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion/Workover Rig Roads & Location	\$290,525	\$- -	
200-071 ANGIBLE CO 300-001 300-011 300-021	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion/Workover Rig Roads & Location Completion Rental Equipment	\$290,525	\$ \$27,000	
200-071 ANGIBLE CO 300-001 300-011	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion/Workover Rig Roads & Location	\$290,525	\$ \$27,000	
ANGIBLE CO 300-001 300-001 300-021 300-031 300-041 300-051	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	\$290,525	\$27,000 25,000 —	
200-071 ANGIBLE CO 300-001 300-001 300-021 300-031 300-041 300-051 300-061	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	\$290,525	\$27,000 25,000 — — 25,000	
200-071 ANGIBLE CO 300-001 300-001 300-021 300-031 300-041 300-051 300-061 300-071	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	\$290,525	\$27,000 25,000 ——————————————————————————————————	
200-071 ANGIBLE CO 300-001 300-001 300-021 300-031 300-051 300-061 300-061 300-081 300-091	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	\$290,525	\$27,000 25,000 	
200-071 ANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091 300-101	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETICIN 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	\$290,525	\$27,000 25,000 25,000 120,000 27,000	
200-071 ANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-081 300-091 300-101 300-111	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 Casing Crews Perforating Acidizing	\$290,525	\$27,000 25,000 	
200-071 ANGIBLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091 300-101	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETICIN 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	\$290,525	\$27,000 25,000 	
200-071 ANGISLE CO 300-001 300-011 300-021 300-031 300-041 300-051 300-071 300-071 300-071 300-071 300-071 300-101 300-111 300-121 300-131 300-141	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 Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-011 300-051 300-061 300-071 300-081 300-091 300-101 300-111 300-111 300-131 300-131	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 & Gementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision	\$290,525	\$27,000 25,000 ——————————————————————————————————	
200-071 ANCIBLE CO 300-011 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-071 300-081 300-011 300-111 300-131 300-1141 300-151	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MELETICN 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 Firac Treatment Other Stimulation Wellsite Supervision Engineering	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-011 300-051 300-061 300-071 300-081 300-091 300-101 300-111 300-111 300-131 300-131	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 & Gementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-011 300-021 300-031 300-041 300-051 300-051 300-071 300-013 300-101 300-113 300-113 300-113 300-114 300-151 300-161 300-161 300-161 300-161 300-161 300-161 300-161 300-161 300-161	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS MPLETION 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 Wellste Supervision Engineering Inspections Well Testing Trucking - Intangible Completion	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-011 300-101 300-111 300-113 300-114 300-115 300-117 300-118 300-118	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 Casing Grewe Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Other Completion Other Completion Other Stimulation	\$290,525	\$27,000 25,000 25,000 120,000 27,000 11,000 180,000 1,800,000 25,900	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-021 300-031 300-051 300-061 300-071 300-081 300-101 300-101 300-111 300-131 300-115 300-161 300-171 300-181 300-191 300-191 300-201	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETICN 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 Confinency	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-011 300-101 300-111 300-113 300-114 300-115 300-117 300-118 300-118	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 Casing Grewe Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Other Completion Other Completion Other Stimulation	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-101 300-111 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-211 300-211 300-211 300-211 300-211	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETICN 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 Confingency Communications - Completion Comprose Trailers - Completion BOP Testing - Completion BOP Testing - Completion	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-0101 300-101 300-1101	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 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 & Traillers - Completion Completion Coverhead	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-101 300-111 300-131 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-211 300-211 300-211 300-211 300-211	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 Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellstle Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Compuletion Contingency Communications - Completion Camps & Trailers - Completion Completion Coverbead Other Labor	\$290,525 \$2,458,975	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-0101 300-101 300-1101	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 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 & Traillers - Completion Completion Coverhead	\$290,525	\$	
200-071 ANGIBLE CO ANGIBLE ANGIBLE CO ANGIB	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 & Gementing 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 Comps & Tallers - Completion Completion Overhead Other LINTANGIBLE COMPLETION COSTS	\$290,525 \$2,458,975	\$27,000 25,000 25,000 120,000 120,000 11,000 180,000 	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-110 30	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS MPLETION COSTS Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Drilling Rig for Completion Campletion 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 Soft Testing - Completion Comps & Trailers - Completion Comps & Trailers - Completion Completion Coverhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS	\$290,525 \$2,458,975	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-11	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 Casing Crews 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 SOP Testing - Completion Completion Coverhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS LETION COSTS LETION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment	\$290,525 \$2,458,975	\$27,000 25,000 120,000 120,000 120,000 11,000 11,000 180,000 1	
200-071 ANGISLE CO 300-001 300-001 300-011 300-013 300-031 300-031 300-031 300-031 300-031 300-031 300-031 300-101 300-113 300-113 300-131 30	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS MPLETION COSTS MPLETION COSTS Completion Norkover 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 Completion Contingency Communications - Completion Completion Contingency Communications - Completion Completion Costs Completion Contingency Co	\$290,525 \$2,458,975	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-110 30	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 Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Cost	\$290,525 \$2,458,975	\$27,000 25,000 120,000 120,000 120,000 11,000 11,000 180,000 1	
200-071 ANGISLE CO 300-001 300-001 300-011 300-013 300-031 300-031 300-031 300-031 300-031 300-031 300-031 300-101 300-113 300-113 300-131 30	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS MPLETION COSTS MPLETION COSTS Completion Norkover 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 Completion Contingency Communications - Completion Completion Contingency Communications - Completion Completion Costs Completion Contingency Co	\$290,525 \$2,458,975	\$	
200-071 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-0101 300-101 300-101 300-1101	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 Contingency Communications - Completion Campa & Trailers - Completion BOP Testing - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS **ETION COSTS** **ETION COSTS** **ETION COSTS** **ETION COSTS** **ETION COSTS** **Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Surface Pumping Equipment Surface Pumping Equipment	\$290,525 \$2,458,975	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-21	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety Equipment Drilling Rig for Completion Cempletion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellstle Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion SOP Testing - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Tubing Rods Subsurface Pumping Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Wellhead Equipment Wellhead Equipment	\$290,525 \$2,458,975	\$	
200-071 200-071 200-071 200-071 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS MPLETION COSTS Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Dement & 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 Comps & Trallers - Completion Completion Contingency TOTAL INTANGIBLE COMPLETION COSTS Production Tasing Rods Subsurface Pumping Equipment Production Tubing Rods Subsurface Pumping Equipment Trucking - Tangible Completion	\$290,525 \$2,458,975	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-101 300-101 300-101 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-11 300-21	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety Equipment Drilling Rig for Completion Cempletion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellstle Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion SOP Testing - Completion Completion Overhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS Production Tubing Rods Subsurface Pumping Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Wellhead Equipment Wellhead Equipment	\$290,525 \$2,458,975	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-011 300-101 300-101 300-111 300-111 300-111 300-110 300-111 300-110 300-111 30	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety Equipment Drilling Rig for Completion 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 Completion Contingency Communications - Completion Camps & Trailers - Completion SOP Testing - Completion Completion Coverhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS **Perduction Tubing Rods Subsurface Pumping Equipment Production Tubing Rods Subsurface Pumping Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment Flowlines	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-011 300-101 300-101 300-111 300-111 300-111 300-110 300-111 300-110 300-111 30	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 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 & Traillers - Completion BOP Testing - Completion Completion Coverhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS **ETION COSTS** **ETION COSTS** **ETION COSTS** **ETION COSTS** **ETION COSTS** **Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Surface Pumping Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment Flowlines **TOTAL TANGIBLE COMPLETION COSTS**	\$290,525	\$	
200-071 ANGIBLE CO 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-001 300-011 300-101 300-101 300-111 300-111 300-111 300-110 300-111 300-110 300-111 30	Re-Entry Equipment TOTAL TANGIBLE DRILLING COSTS TOTAL DRILLING COSTS MPLETION COSTS Completion Workover Rig Roads & Location Completion Fluids Water Cased Hole Logs Safety Equipment Drilling Rig for Completion 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 Completion Contingency Communications - Completion Camps & Trailers - Completion SOP Testing - Completion Completion Coverhead Other Labor TOTAL INTANGIBLE COMPLETION COSTS **Perduction Tubing Rods Subsurface Pumping Equipment Production Tubing Rods Subsurface Pumping Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment Wellhead Equipment Trucking - Tangible Completion Lease Surface Equipment Flowlines	\$290,525	\$	



JUL 27 2015

