PAYROCK ENERGY, LLC AUTHORIZATION FOR EXPENDITURE

WELLNAME: SIEGRIST 1307 1-9MH PROSPECT: DIAN

EXPLORATION DRILLING / COMPLETION AFE DATE:

TOTAL ESTIMATED WELL COST

Prepared by: Steve He

ANGIBLE DRI	ITEM	DRY HOLE	PRODUCER	DESCRIPTION
A STATE OF THE PARTY OF THE PAR	LLING COSTS			CONTRACTOR AND THE PROPERTY OF THE
100-001	Survey, Archaeology & Permits	\$50,000		
100-011	Surface Damages & ROW	25,000		
100-021	Location & Roads	100,000		
100-031	Rig Move	150,000		
100-041	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			
100-091	Drilling Fluids	172,400		
100-101	Drill Bits & Reamers	83,600		
	Water Chan Help Lore	28,000		
100-121	Open Hole Logs			
	Coring & Analysis	44 500		
100-141	Mud Logging & Geologist Fuel and Power	41,500 147,000		
100-151	Cement and Services			
100-161	Communications - Drilling	36,000		
		2,100		
100-181	Casing Crew	45,650		
	BOP Testing	25,000		
100-201	Drill Stem Test			
100-211	Fishing Tools & Services	400 400		
100-221	Tool & Equipment Rentals	192,400		
100-231	Inspections Wireline Services	_		
100-241	Wireline Services	_		
100-251	Engineering & Geology-Field	_		
100-261	Engineering & Geology-Office	47.000		
100-271	Other Drilling Costs	47,000		
100-281	Other Drilling Costs	5,000		
100-291	Multishot & Gyro	7,000	A STATE OF THE PARTY OF THE PAR	
100-301	Directional Services	200,000	A	
100-311	Re-Entry Services		Q-28-800-1	
100-321	Camps & Trailers - Drilling	44,000	A STATE OF THE PARTY OF THE PAR	
100-331	Safety Equipment and H2S		1000	
	Trucking - Intangible Drilling	63,000		
100-351 100-361	Drilling Insurance & Overhead	21,000		
100-301	Drilling Contingency		3.30.025 str	
	TOTAL INTANGIBLE DRILLING COSTS	\$2,128,450	\$	
SIBLE DRILL	NC COSTS			
200-001		200 405		And a considerate the part of the Analysis of
	Casing - Surface	\$23,125		
200-011	Casing - Conductor	400.000		
	Casing - Intermediate	192,000	· 在 15年 1	
200-031	Drilling Liner			
200-041	Liner Hanger & Associated Equipment			
200-051	Trucking - Tangible Drilling	63,000	THE SHAPE	
200-061 200-071	Wellhead Equipment Re-Entry Equipment	12,400		
200-071	Ne-Chuy Equipment			
	TOTAL TANGIBLE DRILLING COSTS	\$290,525	\$	
	TOTAL TANGIBLE DRILLING COSTS  TOTAL DRILLING COSTS	\$290,525 \$2,418,975	\$	
NCIBLE COM	TOTAL DRILLING COSTS			
THE RESERVE AND PERSONS ASSESSED.	TOTAL DRILLING COSTS PLETION COSTS		\$	
300-001	TOTAL DRILLING COSTS PLETION COSTS Completion/Workover Rig		<b>\$</b> \$27,000	
300-001 300-011	TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig  Roads & Location		\$27,000 25,000	
300-001 300-011 300-021	TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig  Roads & Location  Completion Rental Equipment		<b>\$</b> \$27,000	
300-001 300-011 300-021 300-031	TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig Roads & Location  Completion Rental Equipment  Drilling Rig for Completion		\$27,000 25,000 	
300-001 300-011 300-021 300-031 300-041	TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig  Roads & Location  Completion Rental Equipment  Drilling Rig for Completion  Completion Fluids		\$27,000 25,000  25,000	
300-001 300-011 300-021 300-031 300-041 300-051	TOTAL DRILLING COSTS  PLETION COSTS  Completion/Workover Rig  Roads & Location  Completion Rental Equipment  Drilling Rig for Completion  Completion Fluids  Water		\$27,000 25,000 	
300-001 300-011 300-021 300-031 300-041 300-051 300-061	TOTAL DRILLING COSTS  PLETION COSTS  Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs		\$27,000 25,000  25,000	
300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071	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		\$27,000 25,000  25,000 120,000	
300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081	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		\$27,000 25,000 	
300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091	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		\$27,000 25,000 	
300-001 300-011 300-021 300-031 300-041 300-061 300-061 300-071 300-081 300-091 300-091	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		\$27,000 25,000 	
300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-061 300-081 300-091 300-011	TOTAL DRILLING COSTS  PLETION COSTS  Completion Morkover Rig Roads & Location  Completion Rental Equipment  Drilling Rig for Completion  Completion Fluids  Water  Cased Hole Logs  Safety Equipment  Cerment & Cermenting Services  Casing Crews  Perforating  Acidizing		\$27,000 25,000 	
300-001 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-071 300-081 300-091 300-111 300-111	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		\$27,000 25,000 	
300-001 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-071 300-081 300-091 300-0101 300-111 300-121	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		\$27,000 25,000 	
300-001 300-011 300-021 300-021 300-031 300-051 300-061 300-071 300-091 300-101 300-111 300-111 300-111 300-111	TOTAL DRILLING COSTS  PLETION 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		\$27,000 25,000 25,000 120,000 120,000 27,000 9,000 123,000 123,000	
300-001 300-011 300-021 300-021 300-031 300-041 300-061 300-071 300-081 300-091 300-101 300-111 300-121 300-131 300-131 300-151	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 Welsits Supervision		\$27,000 25,000 	
300-001 300-011 300-021 300-021 300-021 300-081 300-061 300-071 300-081 300-091 300-111 300-111 300-121 300-131 300-151 300-151	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  Ceasing Crews  Perforating  Acidizing  Fishing tools & Services  Frac Treatment  Other Stimulation  Wellsite Supervision  Engineering		\$27,000 25,000 25,000 120,000 120,000 27,000 9,000 123,000 123,000	
300-001 300-011 300-021 300-021 300-031 300-041 300-061 300-071 300-091 300-101 300-101 300-111 300-131 300-151 300-151 300-161	TOTAL DRILLING COSTS  PLETION 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 Wellsite Supervision Engineering Inspections		\$27,000 25,000 25,000 120,000 120,000 27,000 9,000 123,000 123,000	
300-001 300-011 300-021 300-021 300-021 300-041 300-061 300-061 300-091 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171	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		\$27,000 25,000 	
300-001 300-011 300-021 300-021 300-031 300-041 300-051 300-061 300-071 300-101 300-101 300-111 300-131 300-151 300-151 300-161 300-161 300-161	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 Fisa Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion		\$27,000 25,000 25,000 120,000 120,000 9,000 123,000  1,500,000  25,900 183,500	
300-001 300-011 300-021 300-021 300-021 300-061 300-061 300-061 300-061 300-011 300-101 300-101 300-111 300-121 300-131 300-131 300-131 300-131 300-131 300-131 300-131 300-131 300-131 300-131 300-131 300-131 300-131 300-131	TOTAL DRILLING COSTS  PLETION COSTS  Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs		\$27,000 25,000 	
300-001 300-011 300-021 300-031 300-041 300-051 300-061 300-071 300-081 300-091	TOTAL DRILLING 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 Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Costs Completion Contingency		\$27,000 25,000 25,000 120,000 120,000 9,000 123,000  1,500,000 25,900  25,900  163,500	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-071 300-071 300-101 300-111 300-121 300-130 300-131 300-141 300-151 300-181 300-181 300-191 300-191 300-191 300-191	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 Fraca Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion		\$27,000 25,000 25,000 120,000 120,000 9,000 123,000 123,000 123,000 125,900 183,500 5,000	
300-001 300-011 300-011 300-021 300-021 300-031 300-061 300-061 300-061 300-071 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-181 300-181 300-181 300-181 300-181 300-181 300-181 300-181	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 Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Computed Completion Communications - Completion Communications - Completion Compus Trailers - Completion		\$27,000 25,000 25,000 120,000 120,000 9,000 123,000 123,000 123,000 1,500,000 123,000 1,500,000 1,500,000 1,100 1,	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-071 300-101 300-111 300-121 300-131 300-141 300-151 300-151 300-171 300-181 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-191 300-201	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 Fraca Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion		\$27,000 25,000 25,000 120,000 120,000 9,000 123,000  1,500,000  25,900 183,500 5,000  1,100 25,300 10,000	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-071 300-101 300-111 300-113 300-111 300-161 300-161 300-171 300-181 300-181 300-181 300-181 300-181 300-201 300-211 300-211 300-211	TOTAL DRILLING COSTS  Completion/Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Completion Contingency Communications - Completion BOP Testing - Completion BOP Testing - Completion BOP Testing - Completion		\$	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-061 300-071 300-101 300-111 300-121 300-130 300-13	TOTAL DRILLING 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 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 BOP Testing - Completion Completion Overhead Other Labor	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-061 300-061 300-101 300-111 300-121 300-130 300-181 300-181 300-181 300-181 300-181 300-181 300-181 300-281 300-281	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Carent & Cermenting Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Communications - Completion Camps & Trailers - Completion Camps & Trailers - Completion Completion Costing - Completion		\$	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-061 300-061 300-101 300-111 300-111 300-141 300-151 300-161 300-171 300-181 300-171 300-181 300-171 300-181 300-171 300-181 300-211 300-211 300-211 300-211 300-211 300-211 300-211 300-211	TOTAL DRILLING 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 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 BOP Testing - Completion Completion Overhead Other Labor	\$2,418,975	\$	2 - 14 + 4 15 (1) + 1 2 (1) - 1 2 (1) - 1 3 (1)
300-001 300-011 300-011 300-021 300-021 300-021 300-081 300-081 300-081 300-081 300-091 300-101 300-111 300-121 300-131 300-211 300-211 300-231 300-231 300-241	TOTAL DRILLING 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 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 BOP Testing - Completion Completion Overhead Other Labor	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-071 300-101 300-101 300-113 300-111 300-151 300-161 300-151 300-161 300-171 300-181 300-181 300-181 300-191 300-211 300-211 300-211 300-211 300-211	TOTAL DRILLING COSTS  PLETION COSTS  Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Communications - Completion Camps & Trailers - Completion BOP Testing - Completion Total Intrangible Completion	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-061 300-061 300-101 300-111 300-121 300-141 300-151 300-161 300-171 300-181 300-191 300-201 300-201 300-211 300-211 300-211 300-211 300-211	TOTAL DRILLING 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 Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Firea Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Costs Completion Costs Completion Confingency Communications - Completion Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  FTION COSTS	\$2,418,975	\$27,000 25,000 25,000 120,000 120,000 123,000 123,000 133,000 15,500,000 16,000 11,500,000 10	
300-001 300-011 300-011 300-013 300-021 300-021 300-041 300-061 300-061 300-061 300-061 300-071 300-101 300-111 300-121 300-131 300-141 300-151 300-161 300-171 300-181 300-181 300-181 300-201 300-201 300-201 300-201 300-201	TOTAL DRILLING COSTS  PLETION COSTS  Completion Morkover 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 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 BOP Testing - Completion Completion Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  FILON COSTS  Production Casing or Production Liner Liner Hanger & Associated Equipment	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-021 300-061 300-061 300-061 300-071 300-101 300-101 300-111 300-151 300-161 300-151 300-161 300-171 300-181	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion BOP Testing - Completion Completion Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  ETION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-051 300-051 300-051 300-051 300-101 300-111 300-121 300-130 300-13	TOTAL DRILLING COSTS  PLETION COSTS  Completion Morkover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Filids Water Cased Hole Logs Safety Equipment Cement & Cementing Services Casing Crews Perforating Acidizing Fishing tools & Services Frac Treatment Other Stimulation Wellistle Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Compuned Contingency Communications - Completion Camps & Trailers - Completion BOP Testing - Completion Completion Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  ETION COSTS Production Tubing	\$2,418,975	\$	
300-001 300-011 300-011 300-013 300-021 300-021 300-041 300-061 300-061 300-061 300-061 300-071 300-101 300-101 300-11 300-121 300-131 300-231 300-241 300-251 300-271	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fulids Water Cased Hole Logs Safety Equipment Cament & 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 Compuned Contingency Communications - Completion Camps & Trailers - Completion Completion Contingency Total Intransible Completion Completion Contingency Total Intransible Completion TOTAL INTANGIBLE COMPLETION COSTS  FION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubling Rods Subsurface Pumping Equipment	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-071 300-071 300-101 300-101 300-111 300-121 300-130 300-13	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cased Hole Logs Safety Equipment Casing Crews Perforating Acidizing Fishing tools & Services Frao Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Costing Communications - Completion Camps & Trailers - Completion Completion Overhead Other Labor  TOTAL INTANGIBLE COMPLETION COSTS  ETION COSTS  Production Tubing Production Tubing Rods Subsurface Pumping Equipment	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-051 300-051 300-051 300-051 300-051 300-101 300-111 300-121 300-130 300-13	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 Frea Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Costs Completion Costs Completion Costs Port Stimulation Completion Costs Completion Contingency Trucking - Intangible Completion Camps & Trailers - Completion Completion Costs Completion Costs Completion Costs Production Camps & Trailers - Completion Completion Confingency TOTAL INTANGIBLE COMPLETION COSTS FION COSTS Production Casing or Production Liner Liner Hanger & Associated Equipment Production Tubing Rods Subsurface Pumping Equipment Downhole Equipment	\$2,418,975	\$	
300-001 300-011 300-011 300-013 300-021 300-021 300-081 300-081 300-081 300-081 300-081 300-081 300-10	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cased Hole Logs Safety Equipment 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  ETION COSTS Production Tubing Rods Subsurface Pumping Equipment Downhole Equipment Wellhead Equipment Wellened Equipment Wellened Equipment Wellined Equipment Wellined Equipment Wellined Equipment Wellined Equipment	\$2,418,975	\$	
300-001 300-011 300-011 300-021 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-061 300-061 300-101 300-111 300-121 300-130 300-13	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cased Hole Logs Safety Equipment Cased Hole Logs Gaing Crews Perforating Acidizing Fishing tools & Services Casing Crews Perforating Acidizing Fishing tools & Services Fraca Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Contingency TOTAL INTANGIBLE COMPLETION COSTS  FION COSTS FOOGLIST FOOGLIST FOOGLIST Rods Subsurface Pumping Equipment Podwhole Equipment Wellinead Equipment Trucking - Tangible Completion Lease Surface Equipment	\$2,418,975	\$	M. 201
300-001 300-011 300-011 300-021 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-061 300-061 300-101 300-111 300-121 300-130 300-13	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cased Hole Logs Fishing tooks Services Casing Crews Perforating Acidizing Fishing tooks 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 Costs Completion Consider Completion Completion Completion Completion Costs FION COSTS Froduction 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	\$2,418,975	\$	M G, 30
300-001 300-011 300-011 300-021 300-021 300-031 300-041 300-061 300-061 300-061 300-061 300-061 300-101 300-111 300-121 300-130 300-131 300-141 300-151 300-161 300-171 300-181 300-171 300-181 300-171 300-181 300-271 300-271	TOTAL DRILLING COSTS  Completion Workover Rig Roads & Location Completion Rental Equipment Drilling Rig for Completion Completion Fluids Water Cased Hole Logs Safety Equipment Cased Hole Logs Safety Equipment Cased Hole Logs Gaing Crews Perforating Acidizing Fishing tools & Services Casing Crews Perforating Acidizing Fishing tools & Services Fraca Treatment Other Stimulation Wellsite Supervision Engineering Inspections Well Testing Trucking - Intangible Completion Other Completion Costs Completion Contingency Communications - Completion Camps & Trailers - Completion Completion Contingency TOTAL INTANGIBLE COMPLETION COSTS  FION COSTS FOOGLIST FOOGLIST FOOGLIST Rods Subsurface Pumping Equipment Podwhole Equipment Wellinead Equipment Trucking - Tangible Completion Lease Surface Equipment	\$2,418,975	\$	20 9 30 1

\$2,418,975

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