



Authority for Expenditure Drilling, Completion, Facilities

WELL NAME:	Parker 1H-23
AFE NO.	45692
RC NO.	500397094
Date:	6/6/2016

OPERATOR:	STATE	COUNTY	SECTION	TOWNSHIP	RANGE	PROPOSED TD
Newfield Exploration-Mid Continent	OK	CANADIAN	23	13N	7W	8100' TVD/ 13,300' MD
DRILLING COMMENTS		COMPLETION COMMENTS			FACILITIES	
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	FACILITIES	TOTAL
INTANGIBLES						
Base / Field Office Operations	101	\$	33,343.00	\$	20,000.00	\$ 53,343.00
Cased Hole Electric Wireline	102	\$	-	\$	162,500.00	\$ 162,500.00
Services - Casing Crews and Running Tools	103	\$	26,500.00	\$	-	\$ 26,500.00
Services Cementing/Coil Tubing Unit	105	\$	99,139.00	\$	-	\$ 99,139.00
Communications	109	\$	3,639.00	\$	-	\$ 3,639.00
Consultants	110	\$	39,601.00	\$	62,500.00	\$ 102,101.00
Core / Fluid Analysis	111	\$	-	\$	-	\$ -
Directional Drilling Operations	113	\$	145,011.00	\$	-	\$ 145,011.00
Environmental & Safety Services	117	\$	647.00	\$	17,500.00	\$ 18,147.00
Fishing Services	119	\$	-	\$	-	\$ -
Fluids Disposal (includes transportation)	120	\$	54,258.00	\$	15,000.00	\$ 69,258.00
Services Formation Evaluation	121	\$	-	\$	-	\$ -
Formation Stimulation - Fracturing	122	\$	-	\$	650,000.00	\$ 650,000.00
Formation Stimulation - Other	123	\$	-	\$	15,000.00	\$ 15,000.00
Hot Oiling Services	128	\$	-	\$	-	\$ -
Inspection - Bottom Hole Assembly	129	\$	5,000.00	\$	-	\$ 5,000.00
Inspection - Casing	130	\$	-	\$	-	\$ -
Inspection - Drill Pipe	131	\$	25,000.00	\$	-	\$ 25,000.00
Inspection - Site	132	\$	-	\$	-	\$ -
Inspection - Tubing	133	\$	-	\$	-	\$ -
Installation / Removal - Pipeline	135	\$	-	\$	-	\$ -
Instrumentation	138	\$	-	\$	-	\$ -
Labor - Company Supervision	139	\$	-	\$	-	\$ -
Company Labor	140	\$	-	\$	-	\$ -
Labor - Contract Employees	141	\$	-	\$	49,000.00	\$ 49,000.00
Location Preparation	143	\$	120,000.00	\$	5,000.00	\$ 125,000.00
Location Remediation & Maintenance	144	\$	125,000.00	\$	2,000.00	\$ 127,000.00
Services Miscellaneous	146	\$	-	\$	-	\$ -
Mud Logging Services	147	\$	10,055.00	\$	-	\$ 10,055.00
Nitrogen Services	148	\$	-	\$	-	\$ -
Drilling & Completion Rig Costs	150	\$	189,919.00	\$	5,000.00	\$ 194,919.00
Drilling Well Turnkey Costs	152	\$	69,000.00	\$	-	\$ 69,000.00
Rig Mobilization & De-Mobilization	153	\$	145,000.00	\$	-	\$ 145,000.00
Security Services	154	\$	-	\$	-	\$ -
Slickline Services	155	\$	-	\$	-	\$ -
Survey - Location	156	\$	1,500.00	\$	-	\$ 1,500.00
Survey - Well	157	\$	-	\$	-	\$ -
Testing - Well Control Equipment	160	\$	5,700.00	\$	2,500.00	\$ 8,200.00
Transportation - Land	162	\$	5,337.00	\$	12,500.00	\$ 17,837.00
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$	-	\$	-	\$ -
Services Welding	166	\$	3,500.00	\$	-	\$ 3,500.00
Drill Bits	301	\$	80,000.00	\$	-	\$ 80,000.00
Blow-Out Preventor	302	\$	8,086.00	\$	10,000.00	\$ 18,086.00
Completion Fluids	304	\$	-	\$	-	\$ -
Cranes	307	\$	-	\$	22,500.00	\$ 22,500.00
Drill String	310	\$	5,000.00	\$	-	\$ 5,000.00
Electrical Repairs	311	\$	-	\$	-	\$ -
Fuel	313	\$	32,343.00	\$	90,000.00	\$ 122,343.00
Gas Measurement	317	\$	-	\$	20,000.00	\$ 20,000.00
Heaters - Indirect Line	321	\$	-	\$	-	\$ -
Rent Lost in Hole	325	\$	-	\$	-	\$ -
Rent Miscellaneous Surface Equipment	328	\$	6,260.00	\$	62,500.00	\$ 68,760.00
Mud - Drilling	329	\$	148,921.00	\$	-	\$ 148,921.00
Mud Monitoring & Processing Equipment	330	\$	32,343.00	\$	-	\$ 32,343.00
Stabilizer, Under-Reamer, Hole-Opener	341	\$	6,469.00	\$	-	\$ 6,469.00
Tools & Supplies	346	\$	-	\$	-	\$ -
Utility Systems	349	\$	-	\$	125,000.00	\$ 125,000.00
Vapor Recovery System	350	\$	-	\$	18,000.00	\$ 18,000.00
Drilling Water	351	\$	12,703.00	\$	260,000.00	\$ 272,703.00
Water Handling Equipment	501	\$	-	\$	-	\$ -
Drilling Insurance	502	\$	-	\$	-	\$ -
Landowner Fees	503	\$	40,500.00	\$	-	\$ 40,500.00
Legal Fees	503	\$	50,000.00	\$	-	\$ 50,000.00
Regulatory Compliance	511	\$	1,500.00	\$	-	\$ 1,500.00
Overhead	965	\$	6,226.00	\$	-	\$ 6,226.00
Subtotal - Intangibles		\$	1,537,500.00	\$	1,412,500.00	\$ 2,950,000.00
TANGIBLES						
Oil Measurement Equipment	332	\$	-	\$	-	\$ -
Line Pipe & Battery Fittings	335	\$	-	\$	78,000.00	\$ 78,000.00
Pumps	336	\$	-	\$	-	\$ -
Separators	340	\$	-	\$	25,000.00	\$ 25,000.00
Stock Tanks	345	\$	-	\$	62,000.00	\$ 62,000.00
Treaters	347	\$	-	\$	31,000.00	\$ 31,000.00
Artificial Lift	601	\$	-	\$	-	\$ -
Casing Accessories	602	\$	22,000.00	\$	-	\$ 22,000.00
Miscellaneous Surface Equipment	603	\$	-	\$	-	\$ -
Packers / Anchors / Liner Hangers	604	\$	-	\$	-	\$ -
Water Casing (Conductor Casing)	607	\$	10,000.00	\$	-	\$ 10,000.00
Pipe Surface Casing	608	\$	30,000.00	\$	-	\$ 30,000.00
Pipe Intermediate Casing	609	\$	-	\$	-	\$ -
Production Casing/Liner	610	\$	252,000.00	\$	-	\$ 252,000.00
Pipe Casing Liner	611	\$	-	\$	-	\$ -
Tubing	613	\$	-	\$	25,000.00	\$ 25,000.00
Rods	614	\$	-	\$	-	\$ -
Tubing Accessories	616	\$	-	\$	6,500.00	\$ 6,500.00
Wellhead	617	\$	48,500.00	\$	7,500.00	\$ 56,000.00
Subtotal - Tangibles		\$	362,500.00	\$	196,000.00	\$ 558,500.00
AFE TOTAL		\$	1,900,000.00	\$	1,428,500.00	\$ 3,328,500.00

This AFE is only an estimate. By returning one signed copy the undersigned hereby agrees to pay its share of all the actual costs incurred in this operation.

NAME: _____
PRINTED NAME: _____
TITLE: _____

COMPANY: _____
DATE: _____



6/15/16