


Paul 1H-18X (Sections 18 & 19-14N-7W)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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<table border="1"> <thead> <tr> <th>DETAIL OF ESTIMATED EXPENDITURES</th> <th>COST CODE</th> <th>DRILLING</th> <th>COMPLETION</th> <th>Facility</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>INTANGIBLES</td> <td></td> <td>880</td> <td>881</td> <td>883</td> <td></td> </tr> <tr> <td>Base / Field Office Operations (housing, utilities, trash etc.)</td> <td>101</td> <td>\$54,688</td> <td>\$0</td> <td>\$0</td> <td>\$54,688</td> </tr> <tr> <td>Cased Hole Electric Wireline</td> <td>102</td> <td>\$0</td> <td>\$450,000</td> <td>\$0</td> <td>\$450,000</td> </tr> <tr> <td>Services - Casing Crews and Running Tools</td> <td>103</td> <td>\$82,000</td> <td>\$0</td> <td>\$0</td> <td>\$82,000</td> </tr> <tr> <td>Services Cementing/Coil Tubing Unit</td> <td>105</td> <td>\$207,000</td> <td>\$0</td> <td>\$0</td> <td>\$207,000</td> </tr> <tr> <td>Communications</td> <td>109</td> <td>\$7,758</td> <td>\$0</td> <td>\$0</td> <td>\$7,758</td> </tr> <tr> <td>Consultants</td> <td>110</td> <td>\$0</td> <td>\$150,000</td> <td>\$0</td> <td>\$150,000</td> </tr> <tr> <td>Core / Fluid Analysis</td> <td>111</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Directional Drilling Operations</td> <td>113</td> <td>\$310,950</td> <td>\$0</td> <td>\$0</td> <td>\$310,950</td> </tr> <tr> <td>Environmental & Safety Services</td> <td>117</td> <td>\$26,393</td> <td>\$0</td> <td>\$0</td> <td>\$26,393</td> </tr> <tr> <td>Fishing Services</td> <td>119</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Fluids Disposal (includes transportation)</td> <td>120</td> <td>\$19,795</td> <td>\$0</td> <td>\$0</td> <td>\$19,795</td> </tr> <tr> <td>Services Formation Evaluation</td> <td>121</td> <td>\$80,000</td> <td>\$0</td> <td>\$0</td> <td>\$80,000</td> </tr> <tr> <td>Formation Stimulation - Fracturing</td> <td>122</td> <td>\$0</td> <td>\$3,100,000</td> <td>\$0</td> <td>\$3,100,000</td> </tr> <tr> <td>Formation Stimulation - Other</td> <td>123</td> <td>\$0</td> <td>\$450,000</td> <td>\$0</td> <td>\$450,000</td> </tr> <tr> <td>Inspection - Bottom Hole Assembly</td> <td>129</td> <td>\$18,500</td> <td>\$0</td> <td>\$0</td> <td>\$18,500</td> </tr> <tr> <td>Inspection - Casing</td> <td>130</td> <td>\$1,500</td> <td>\$0</td> <td>\$0</td> <td>\$1,500</td> </tr> <tr> <td>Inspection - Drill Pipe</td> <td>131</td> <td>\$43,000</td> <td>\$0</td> <td>\$0</td> <td>\$43,000</td> </tr> <tr> <td>Inspection - Tubing</td> <td>133</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Installation / Removal - Pipeline</td> <td>135</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Labor - Company Supervision</td> <td>139</td> <td>\$131,967</td> <td>\$100,000</td> <td>\$0</td> <td>\$231,967</td> </tr> <tr> <td>Company Labor</td> <td>140</td> <td>\$0</td> <td>\$0</td> <td>\$7,000</td> <td>\$7,000</td> </tr> <tr> <td>Labor - Contract Employees</td> <td>141</td> <td>\$0</td> <td>\$0</td> <td>\$42,000</td> <td>\$42,000</td> </tr> <tr> <td>Location Preparation</td> <td>143</td> <td>\$135,000</td> <td>\$0</td> <td>\$10,000</td> <td>\$145,000</td> </tr> <tr> <td>Location Remediation & Maintenance</td> <td>144</td> <td>\$308,001</td> <td>\$50,000</td> <td>\$0</td> <td>\$358,001</td> </tr> <tr> <td>Services Miscellaneous</td> <td>146</td> <td>\$132,971</td> <td>\$150,000</td> <td>\$0</td> <td>\$282,971</td> </tr> <tr> <td>Mud Logging Services</td> <td>147</td> <td>\$23,840</td> <td>\$0</td> <td>\$0</td> <td>\$23,840</td> </tr> <tr> <td>Drilling & Completion Rig Costs (\$26,800 / day)</td> <td>150</td> <td>\$723,377</td> <td>\$500,000</td> <td>\$0</td> <td>\$1,223,377</td> </tr> <tr> <td>Drilling Well Turnkey Costs</td> <td>152</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Rig Mobilization & De-Mobilization</td> <td>153</td> <td>\$260,950</td> <td>\$0</td> <td>\$0</td> <td>\$260,950</td> </tr> <tr> <td>Security Services</td> <td>154</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Slickline Services</td> <td>155</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Survey - Location</td> <td>156</td> <td>\$3,000</td> <td>\$0</td> <td>\$0</td> <td>\$3,000</td> </tr> <tr> <td>Survey - Well (not associated with directional drilling)</td> <td>157</td> <td>\$2,500</td> <td>\$0</td> <td>\$0</td> <td>\$2,500</td> </tr> <tr> <td>Testing - Well Control Equipment</td> <td>160</td> <td>\$35,000</td> <td>\$0</td> <td>\$0</td> <td>\$35,000</td> </tr> <tr> <td>Transportation - Land</td> <td>162</td> <td>\$32,393</td> <td>\$0</td> <td>\$10,000</td> <td>\$42,393</td> </tr> <tr> <td>Tubular Conveyed Perforating & Drill Stem Testing Services</td> <td>165</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Services Welding</td> <td>166</td> <td>\$7,500</td> <td>\$0</td> <td>\$0</td> <td>\$7,500</td> </tr> <tr> <td>Drill Bits</td> <td>301</td> <td>\$210,000</td> <td>\$150,000</td> <td>\$0</td> <td>\$360,000</td> </tr> <tr> <td>Blow-Out Preventor</td> <td>302</td> <td>\$33,893</td> <td>\$0</td> <td>\$0</td> <td>\$33,893</td> </tr> <tr> <td>Completion Fluids</td> <td>304</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Cranes</td> <td>307</td> <td>\$0</td> <td>\$0</td> <td>\$10,000</td> <td>\$10,000</td> </tr> <tr> <td>Drill String</td> <td>310</td> <td>\$51,904</td> <td>\$0</td> <td>\$0</td> <td>\$51,904</td> </tr> <tr> <td>Fuel</td> <td>313</td> <td>\$254,952</td> <td>\$0</td> <td>\$0</td> <td>\$254,952</td> </tr> <tr> <td>Gas Measurement</td> <td>317</td> <td>\$0</td> <td>\$0</td> <td>\$20,000</td> <td>\$20,000</td> </tr> <tr> <td>Rent Lost in Hole</td> <td>325</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Rent Miscellaneous Surface Equipment</td> <td>328</td> <td>\$34,092</td> <td>\$350,000</td> <td>\$33,000</td> <td>\$417,092</td> </tr> <tr> <td>Mud - Drilling</td> <td>329</td> <td>\$390,030</td> <td>\$0</td> <td>\$0</td> <td>\$390,030</td> </tr> <tr> <td>Mud Monitoring & Processing Equipment</td> <td>330</td> <td>\$76,282</td> <td>\$0</td> <td>\$0</td> <td>\$76,282</td> </tr> <tr> <td>Stabilizer, Under-Reamer, Hole-Opener</td> <td>341</td> <td>\$20,197</td> <td>\$0</td> <td>\$0</td> <td>\$20,197</td> </tr> <tr> <td>Vapor Recovery System</td> <td>349</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Drilling Water</td> <td>350</td> <td>\$9,073</td> <td>\$0</td> <td>\$0</td> <td>\$9,073</td> </tr> <tr> <td>Water Handling Equipment</td> <td>351</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Drilling Insurance</td> <td>501</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Legal Fees</td> <td>503</td> <td>\$3,000</td> <td>\$0</td> <td>\$0</td> <td>\$3,000</td> </tr> <tr> <td>Regulatory Compliance</td> <td>511</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Overhead</td> <td>965</td> <td>\$16,496</td> <td>\$50,000</td> <td>\$0</td> <td>\$66,496</td> </tr> <tr> <td>Subtotal - Intangibles</td> <td></td> <td>\$3,748,002</td> <td>\$5,500,000</td> <td>\$132,000</td> <td>\$9,380,002</td> </tr> <tr> <td>TANGIBLES</td> <td></td> <td>880</td> <td>881</td> <td>883</td> <td></td> </tr> <tr> <td>Oil Measurement Equipment</td> <td>332</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Line Pipe & Battery Fittings</td> <td>335</td> <td>\$0</td> <td>\$0</td> <td>\$58,000</td> <td>\$58,000</td> </tr> <tr> <td>Separators</td> <td>340</td> <td>\$0</td> <td>\$0</td> <td>\$25,000</td> <td>\$25,000</td> </tr> <tr> <td>Stock Tanks</td> <td>345</td> <td>\$0</td> <td>\$0</td> <td>\$62,000</td> <td>\$62,000</td> </tr> <tr> <td>Treaters</td> <td>347</td> <td>\$0</td> <td>\$0</td> <td>\$58,000</td> <td>\$58,000</td> </tr> <tr> <td>Artificial Lift</td> <td>601</td> <td>\$0</td> <td>\$0</td> <td>\$150,000</td> <td>\$150,000</td> </tr> <tr> <td>Casing Accessories</td> <td>602</td> <td>\$25,000</td> <td>\$0</td> <td>\$0</td> <td>\$25,000</td> </tr> <tr> <td>Packers / Anchors / Liner Hangers</td> <td>604</td> <td>\$0</td> <td>\$0</td> <td>\$10,000</td> <td>\$10,000</td> </tr> <tr> <td>Water Casing (Conductor Casing)</td> <td>607</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Pipe Surface Casing (\$48 / ft)</td> <td>608</td> <td>\$72,000</td> <td>\$0</td> <td>\$0</td> <td>\$72,000</td> </tr> <tr> <td>Pipe Intermediate Casing</td> <td>609</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Production Casing/Liner (\$29 / ft)</td> <td>610</td> <td>\$532,498</td> <td>\$0</td> <td>\$0</td> <td>\$532,498</td> </tr> <tr> <td>Pipe Casing Liner</td> <td>611</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Tubing</td> <td>613</td> <td>\$0</td> <td>\$0</td> <td>\$90,000</td> <td>\$90,000</td> </tr> <tr> <td>Rods</td> <td>614</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Tubing Accessories</td> <td>616</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Wellhead</td> <td>617</td> <td>\$22,500</td> <td>\$0</td> <td>\$0</td> <td>\$22,500</td> </tr> <tr> <td>Subtotal - Tangibles</td> <td></td> <td>\$651,998</td> <td>\$0</td> <td>\$453,000</td> <td>\$1,104,998</td> </tr> <tr> <td>AFE TOTAL</td> <td></td> <td>\$4,400,000</td> <td>\$5,500,000</td> <td>\$585,000</td> <td>\$10,485,000</td> </tr> <tr> <td colspan="2">Scope By</td> <td>Prepared By</td> <td>Prepared By</td> <td>Prepared By</td> <td></td> </tr> <tr> <td colspan="2">Date Modified</td> <td>Date Modified</td> <td>Date Modified</td> <td>Date Modified</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>9/28/2014</td> <td>9/28/2014</td> <td>9/28/2014</td> <td></td> </tr> </tbody> </table>						DETAIL OF ESTIMATED EXPENDITURES	COST CODE	DRILLING	COMPLETION	Facility	TOTAL	INTANGIBLES		880	881	883		Base / Field Office Operations (housing, utilities, trash etc.)	101	\$54,688	\$0	\$0	\$54,688	Cased Hole Electric Wireline	102	\$0	\$450,000	\$0	\$450,000	Services - Casing Crews and Running Tools	103	\$82,000	\$0	\$0	\$82,000	Services Cementing/Coil Tubing Unit	105	\$207,000	\$0	\$0	\$207,000	Communications	109	\$7,758	\$0	\$0	\$7,758	Consultants	110	\$0	\$150,000	\$0	\$150,000	Core / Fluid Analysis	111	\$0	\$0	\$0	\$0	Directional Drilling Operations	113	\$310,950	\$0	\$0	\$310,950	Environmental & Safety Services	117	\$26,393	\$0	\$0	\$26,393	Fishing Services	119	\$0	\$0	\$0	\$0	Fluids Disposal (includes transportation)	120	\$19,795	\$0	\$0	\$19,795	Services Formation Evaluation	121	\$80,000	\$0	\$0	\$80,000	Formation Stimulation - Fracturing	122	\$0	\$3,100,000	\$0	\$3,100,000	Formation Stimulation - Other	123	\$0	\$450,000	\$0	\$450,000	Inspection - Bottom Hole Assembly	129	\$18,500	\$0	\$0	\$18,500	Inspection - Casing	130	\$1,500	\$0	\$0	\$1,500	Inspection - Drill Pipe	131	\$43,000	\$0	\$0	\$43,000	Inspection - Tubing	133	\$0	\$0	\$0	\$0	Installation / Removal - Pipeline	135	\$0	\$0	\$0	\$0	Labor - Company Supervision	139	\$131,967	\$100,000	\$0	\$231,967	Company Labor	140	\$0	\$0	\$7,000	\$7,000	Labor - Contract Employees	141	\$0	\$0	\$42,000	\$42,000	Location Preparation	143	\$135,000	\$0	\$10,000	\$145,000	Location Remediation & Maintenance	144	\$308,001	\$50,000	\$0	\$358,001	Services Miscellaneous	146	\$132,971	\$150,000	\$0	\$282,971	Mud Logging Services	147	\$23,840	\$0	\$0	\$23,840	Drilling & Completion Rig Costs (\$26,800 / day)	150	\$723,377	\$500,000	\$0	\$1,223,377	Drilling Well Turnkey Costs	152	\$0	\$0	\$0	\$0	Rig Mobilization & De-Mobilization	153	\$260,950	\$0	\$0	\$260,950	Security Services	154	\$0	\$0	\$0	\$0	Slickline Services	155	\$0	\$0	\$0	\$0	Survey - Location	156	\$3,000	\$0	\$0	\$3,000	Survey - Well (not associated with directional drilling)	157	\$2,500	\$0	\$0	\$2,500	Testing - Well Control Equipment	160	\$35,000	\$0	\$0	\$35,000	Transportation - Land	162	\$32,393	\$0	\$10,000	\$42,393	Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$0	\$0	\$0	\$0	Services Welding	166	\$7,500	\$0	\$0	\$7,500	Drill Bits	301	\$210,000	\$150,000	\$0	\$360,000	Blow-Out Preventor	302	\$33,893	\$0	\$0	\$33,893	Completion Fluids	304	\$0	\$0	\$0	\$0	Cranes	307	\$0	\$0	\$10,000	\$10,000	Drill String	310	\$51,904	\$0	\$0	\$51,904	Fuel	313	\$254,952	\$0	\$0	\$254,952	Gas Measurement	317	\$0	\$0	\$20,000	\$20,000	Rent Lost in Hole	325	\$0	\$0	\$0	\$0	Rent Miscellaneous Surface Equipment	328	\$34,092	\$350,000	\$33,000	\$417,092	Mud - Drilling	329	\$390,030	\$0	\$0	\$390,030	Mud Monitoring & Processing Equipment	330	\$76,282	\$0	\$0	\$76,282	Stabilizer, Under-Reamer, Hole-Opener	341	\$20,197	\$0	\$0	\$20,197	Vapor Recovery System	349	\$0	\$0	\$0	\$0	Drilling Water	350	\$9,073	\$0	\$0	\$9,073	Water Handling Equipment	351	\$0	\$0	\$0	\$0	Drilling Insurance	501	\$0	\$0	\$0	\$0	Legal Fees	503	\$3,000	\$0	\$0	\$3,000	Regulatory Compliance	511	\$0	\$0	\$0	\$0	Overhead	965	\$16,496	\$50,000	\$0	\$66,496	Subtotal - Intangibles		\$3,748,002	\$5,500,000	\$132,000	\$9,380,002	TANGIBLES		880	881	883		Oil Measurement Equipment	332	\$0	\$0	\$0	\$0	Line Pipe & Battery Fittings	335	\$0	\$0	\$58,000	\$58,000	Separators	340	\$0	\$0	\$25,000	\$25,000	Stock Tanks	345	\$0	\$0	\$62,000	\$62,000	Treaters	347	\$0	\$0	\$58,000	\$58,000	Artificial Lift	601	\$0	\$0	\$150,000	\$150,000	Casing Accessories	602	\$25,000	\$0	\$0	\$25,000	Packers / Anchors / Liner Hangers	604	\$0	\$0	\$10,000	\$10,000	Water Casing (Conductor Casing)	607	\$0	\$0	\$0	\$0	Pipe Surface Casing (\$48 / ft)	608	\$72,000	\$0	\$0	\$72,000	Pipe Intermediate Casing	609	\$0	\$0	\$0	\$0	Production Casing/Liner (\$29 / ft)	610	\$532,498	\$0	\$0	\$532,498	Pipe Casing Liner	611	\$0	\$0	\$0	\$0	Tubing	613	\$0	\$0	\$90,000	\$90,000	Rods	614	\$0	\$0	\$0	\$0	Tubing Accessories	616	\$0	\$0	\$0	\$0	Wellhead	617	\$22,500	\$0	\$0	\$22,500	Subtotal - Tangibles		\$651,998	\$0	\$453,000	\$1,104,998	AFE TOTAL		\$4,400,000	\$5,500,000	\$585,000	\$10,485,000	Scope By		Prepared By	Prepared By	Prepared By		Date Modified		Date Modified	Date Modified	Date Modified				9/28/2014	9/28/2014	9/28/2014	
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Directional Drilling Operations	113	\$310,950	\$0	\$0	\$310,950																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Environmental & Safety Services	117	\$26,393	\$0	\$0	\$26,393																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Fishing Services	119	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Fluids Disposal (includes transportation)	120	\$19,795	\$0	\$0	\$19,795																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Services Formation Evaluation	121	\$80,000	\$0	\$0	\$80,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Formation Stimulation - Fracturing	122	\$0	\$3,100,000	\$0	\$3,100,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Formation Stimulation - Other	123	\$0	\$450,000	\$0	\$450,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Inspection - Bottom Hole Assembly	129	\$18,500	\$0	\$0	\$18,500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Inspection - Casing	130	\$1,500	\$0	\$0	\$1,500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Inspection - Drill Pipe	131	\$43,000	\$0	\$0	\$43,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Inspection - Tubing	133	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Installation / Removal - Pipeline	135	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Labor - Company Supervision	139	\$131,967	\$100,000	\$0	\$231,967																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Company Labor	140	\$0	\$0	\$7,000	\$7,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Labor - Contract Employees	141	\$0	\$0	\$42,000	\$42,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Location Preparation	143	\$135,000	\$0	\$10,000	\$145,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Location Remediation & Maintenance	144	\$308,001	\$50,000	\$0	\$358,001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Services Miscellaneous	146	\$132,971	\$150,000	\$0	\$282,971																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Mud Logging Services	147	\$23,840	\$0	\$0	\$23,840																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Drilling & Completion Rig Costs (\$26,800 / day)	150	\$723,377	\$500,000	\$0	\$1,223,377																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Drilling Well Turnkey Costs	152	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Rig Mobilization & De-Mobilization	153	\$260,950	\$0	\$0	\$260,950																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Security Services	154	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Slickline Services	155	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Survey - Location	156	\$3,000	\$0	\$0	\$3,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Survey - Well (not associated with directional drilling)	157	\$2,500	\$0	\$0	\$2,500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Testing - Well Control Equipment	160	\$35,000	\$0	\$0	\$35,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Transportation - Land	162	\$32,393	\$0	\$10,000	\$42,393																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Services Welding	166	\$7,500	\$0	\$0	\$7,500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Drill Bits	301	\$210,000	\$150,000	\$0	\$360,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Blow-Out Preventor	302	\$33,893	\$0	\$0	\$33,893																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Completion Fluids	304	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Cranes	307	\$0	\$0	\$10,000	\$10,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Drill String	310	\$51,904	\$0	\$0	\$51,904																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Fuel	313	\$254,952	\$0	\$0	\$254,952																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Gas Measurement	317	\$0	\$0	\$20,000	\$20,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Rent Lost in Hole	325	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Rent Miscellaneous Surface Equipment	328	\$34,092	\$350,000	\$33,000	\$417,092																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Mud - Drilling	329	\$390,030	\$0	\$0	\$390,030																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Mud Monitoring & Processing Equipment	330	\$76,282	\$0	\$0	\$76,282																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Stabilizer, Under-Reamer, Hole-Opener	341	\$20,197	\$0	\$0	\$20,197																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Vapor Recovery System	349	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Drilling Water	350	\$9,073	\$0	\$0	\$9,073																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Water Handling Equipment	351	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Drilling Insurance	501	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Legal Fees	503	\$3,000	\$0	\$0	\$3,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Regulatory Compliance	511	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Overhead	965	\$16,496	\$50,000	\$0	\$66,496																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Subtotal - Intangibles		\$3,748,002	\$5,500,000	\$132,000	\$9,380,002																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
TANGIBLES		880	881	883																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Oil Measurement Equipment	332	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Line Pipe & Battery Fittings	335	\$0	\$0	\$58,000	\$58,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Separators	340	\$0	\$0	\$25,000	\$25,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Stock Tanks	345	\$0	\$0	\$62,000	\$62,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Treaters	347	\$0	\$0	\$58,000	\$58,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Artificial Lift	601	\$0	\$0	\$150,000	\$150,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Casing Accessories	602	\$25,000	\$0	\$0	\$25,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Packers / Anchors / Liner Hangers	604	\$0	\$0	\$10,000	\$10,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Water Casing (Conductor Casing)	607	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Pipe Surface Casing (\$48 / ft)	608	\$72,000	\$0	\$0	\$72,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Pipe Intermediate Casing	609	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Production Casing/Liner (\$29 / ft)	610	\$532,498	\$0	\$0	\$532,498																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Pipe Casing Liner	611	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Tubing	613	\$0	\$0	\$90,000	\$90,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Rods	614	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Tubing Accessories	616	\$0	\$0	\$0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Wellhead	617	\$22,500	\$0	\$0	\$22,500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Subtotal - Tangibles		\$651,998	\$0	\$453,000	\$1,104,998																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
AFE TOTAL		\$4,400,000	\$5,500,000	\$585,000	\$10,485,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Scope By		Prepared By	Prepared By	Prepared By																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Date Modified		Date Modified	Date Modified	Date Modified																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		9/28/2014	9/28/2014	9/28/2014																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

This AFE is only an estimate. By returning one signed copy the undersigned hereby agrees to pay it share of the all actual

PREPARED BY: B Crump

NAME: _____ COMPANY: _____
 PRINTED NAME: _____ DATE: _____
 TITLE: _____

10/21/14
42

1021404217
201403326