



Authority for Expenditure Drilling, Completion, Facilities

WELL NAME: 14N-06W-27 & 34
AFE NO. 28223
RC NO. 500343416
Date: 12/16/2015

Operator:	State	County	Section	Township	Range	Proposed TD
Newfield Exploration-Mid Continent	OK	CANADIAN	27 & 34	14N	6W	8,300' TVD / 19,000' MD
Drilling Comments	Completion Comments					Facilities
Detail of Estimated Expenditures	Cost Code	Drilling	Completion	Facilities	Art. Lift	Total
Intangibles						
Base / Field Office Operations	101	\$ 31,200.00	\$ 35,000.00	\$ -	\$ -	\$ 66,200.00
Cased Hole Electric Wireline	102	\$ -	\$ 430,000.00	\$ -	\$ 10,000.00	\$ 440,000.00
Services - Casing Crews and Running Tools	103	\$ 45,000.00	\$ 50,000.00	\$ -	\$ 4,500.00	\$ 99,500.00
Services Cementing/Coil Tubing Unit	105	\$ 175,000.00	\$ -	\$ -	\$ -	\$ 175,000.00
Communications	109	\$ 5,850.00	\$ -	\$ -	\$ -	\$ 5,850.00
Consultants	110	\$ 83,201.00	\$ 120,000.00	\$ -	\$ -	\$ 203,201.00
Core / Fluid Analysis	111	\$ -	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00
Directional Drilling Operations	113	\$ 260,003.00	\$ -	\$ -	\$ -	\$ 260,003.00
Environmental & Safety Services	117	\$ 1,040.00	\$ 30,000.00	\$ -	\$ -	\$ 31,040.00
Fishing Services	119	\$ -	\$ -	\$ -	\$ -	\$ -
Fluids Disposal (includes transportation)	120	\$ 57,201.00	\$ 15,000.00	\$ -	\$ -	\$ 72,201.00
Services Formation Evaluation	121	\$ -	\$ -	\$ -	\$ -	\$ -
Formation Stimulation - Fracturing	122	\$ -	\$ 1,913,500.00	\$ -	\$ -	\$ 1,913,500.00
Formation Stimulation - Other	123	\$ -	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00
Hot Oiling Services	128	\$ -	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00
Inspection - Bottom Hole Assembly	129	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00
Inspection - Casing	130	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00
Inspection - Drill Pipe	131	\$ 25,000.00	\$ -	\$ -	\$ -	\$ 25,000.00
Inspection - Site	132	\$ -	\$ -	\$ -	\$ -	\$ -
Inspection - Tubing	133	\$ -	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00
Installation / Removal - Pipeline	135	\$ -	\$ -	\$ -	\$ -	\$ -
Instrumentation	138	\$ -	\$ -	\$ -	\$ -	\$ -
Labor - Company Supervision	139	\$ -	\$ -	\$ -	\$ -	\$ -
Company Labor	140	\$ -	\$ -	\$ 7,000.00	\$ 2,000.00	\$ 9,000.00
Labor - Contract Employees	141	\$ -	\$ -	\$ 42,000.00	\$ -	\$ 42,000.00
Location Preparation	143	\$ 75,000.00	\$ 1,000.00	\$ 15,000.00	\$ -	\$ 91,000.00
Location Remediation & Maintenance	144	\$ 125,000.00	\$ 12,500.00	\$ 2,000.00	\$ -	\$ 139,500.00
Services Miscellaneous	146	\$ -	\$ 6,000.00	\$ -	\$ 5,000.00	\$ 11,000.00
Mud Logging Services	147	\$ 18,900.00	\$ -	\$ -	\$ -	\$ 18,900.00
Drilling & Completion Rig Costs	150	\$ 447,832.00	\$ 100,000.00	\$ -	\$ 15,000.00	\$ 562,832.00
Drilling Well Turnkey Costs	152	\$ -	\$ -	\$ -	\$ -	\$ -
Rig Mobilization & De-Mobilization	153	\$ 200,000.00	\$ -	\$ -	\$ -	\$ 200,000.00
Security Services	154	\$ -	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00
Slickline Services	155	\$ -	\$ -	\$ -	\$ -	\$ -
Survey - Location	156	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00
Survey - Well	157	\$ -	\$ -	\$ -	\$ -	\$ -
Testing - Well Control Equipment	160	\$ 7,500.00	\$ 8,000.00	\$ -	\$ -	\$ 15,500.00
Transportation - Land	162	\$ 8,580.00	\$ 25,000.00	\$ 10,000.00	\$ 5,000.00	\$ 48,580.00
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$ -	\$ -	\$ -	\$ -	\$ -
Services Welding	166	\$ 3,500.00	\$ -	\$ -	\$ -	\$ 3,500.00
Drill Bits	301	\$ 120,000.00	\$ 10,000.00	\$ -	\$ -	\$ 130,000.00
Blow-Out Preventor	302	\$ 13,000.00	\$ 50,000.00	\$ -	\$ 2,000.00	\$ 65,000.00
Completion Fluids	304	\$ -	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00
Cranes	307	\$ -	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00
Drill String	310	\$ 7,500.00	\$ -	\$ -	\$ -	\$ 7,500.00
Electrical Repairs	311	\$ -	\$ -	\$ -	\$ -	\$ -
Fuel	313	\$ 81,883.00	\$ 200,000.00	\$ -	\$ -	\$ 281,883.00
Gas Measurement	317	\$ -	\$ -	\$ 20,000.00	\$ -	\$ 20,000.00
Heaters - Indirect Line	321	\$ -	\$ -	\$ -	\$ -	\$ -
Rent Lost in Hole	325	\$ -	\$ -	\$ -	\$ -	\$ -
Rent Miscellaneous Surface Equipment	328	\$ 9,350.00	\$ 150,000.00	\$ 17,000.00	\$ -	\$ 176,350.00
Mud - Drilling	329	\$ 301,049.00	\$ -	\$ -	\$ -	\$ 301,049.00
Mud Monitoring & Processing Equipment	330	\$ 49,401.00	\$ -	\$ -	\$ -	\$ 49,401.00
Stabilizer, Under-Reamer, Hole-Opener	341	\$ 10,400.00	\$ -	\$ -	\$ -	\$ 10,400.00
Tools & Supplies	346	\$ -	\$ -	\$ -	\$ -	\$ -
Vapor Recovery System	349	\$ -	\$ -	\$ 18,000.00	\$ -	\$ 18,000.00
Drilling Water	350	\$ 15,600.00	\$ 480,000.00	\$ -	\$ -	\$ 495,600.00
Water Handling Equipment	351	\$ -	\$ -	\$ -	\$ -	\$ -
Drilling Insurance	501	\$ 10,000.00	\$ -	\$ -	\$ -	\$ 10,000.00
Legal Fees	503	\$ 65,000.00	\$ -	\$ -	\$ -	\$ 65,000.00
Regulatory Compliance	511	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00
Overhead	965	\$ 10,010.00	\$ -	\$ -	\$ -	\$ 10,010.00
Subtotal - Intangibles		\$ 2,276,000.00	\$ 3,695,000.00	\$ 131,000.00	\$ 46,000.00	\$ 6,148,000.00
Tangibles						
Oil Measurement Equipment	332	\$ -	\$ -	\$ -	\$ -	\$ -
Line Pipe & Battery Fittings	335	\$ -	\$ -	\$ 78,000.00	\$ -	\$ 78,000.00
Pumps	336	\$ -	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00
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	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
Casing Accessories	602	\$ 46,000.00	\$ -	\$ -	\$ -	\$ 46,000.00
Miscellaneous Surface Equipment	603	\$ -	\$ -	\$ -	\$ -	\$ -
Packers / Anchors / Liner Hangers	604	\$ -	\$ -	\$ -	\$ -	\$ -
Water Casing (Conductor Casing)	607	\$ 10,000.00	\$ -	\$ -	\$ -	\$ 10,000.00
Pipe Surface Casing	608	\$ 42,000.00	\$ -	\$ -	\$ -	\$ 42,000.00
Pipe Intermediate Casing	609	\$ -	\$ -	\$ -	\$ -	\$ -
Production Casing/Liner	610	\$ 494,000.00	\$ -	\$ -	\$ -	\$ 494,000.00
Pipe Casing Liner	611	\$ -	\$ -	\$ -	\$ -	\$ -
Tubing	613	\$ -	\$ -	\$ -	\$ 55,000.00	\$ 55,000.00
Rods	614	\$ -	\$ -	\$ -	\$ -	\$ -
Tubing Accessories	616	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
Wellhead	617	\$ 22,000.00	\$ 30,000.00	\$ -	\$ -	\$ 52,000.00
Subtotal - Tangibles		\$ 614,000.00	\$ 30,000.00	\$ 196,000.00	\$ 74,000.00	\$ 914,000.00
AFE TOTAL		\$ 2,890,000.00	\$ 3,725,000.00	\$ 327,000.00	\$ 120,000.00	\$ 7,062,000.00

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: _____



CD15-4572T

1/13/16