



# Authority for Expenditure Drilling, Completion, Facilities

WELL NAME: Minnie 1H-9XX  
AFE NO. 43594  
RC NO. 500379796  
Date: 2/11/2015

OPERATOR:	STATE	COUNTY	SECTION	TOWNSHIP	RANGE	PROPOSED TD
Newfield Exploration-Mid Continent	OK	Canadian	9/16/21	14N	7W	8,325TVD/20,525MD
DRILLING COMMENTS		COMPLETION COMMENTS			FACILITIES	
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	FACILITIES	ART. LIFT
INTANGIBLES						TOTAL
Base / Field Office Operations		101	\$ 54,665.00	\$ -	\$ -	\$ 54,665.00
Cased Hole Electric Wireline		102	\$ -	\$ 575,000.00	\$ -	\$ 575,000.00
Services - Casing Crews and Running Tools		103	\$ 82,000.00	\$ -	\$ 6,000.00	\$ 88,000.00
Services Cementing/Coil Tubing Unit		105	\$ 207,000.00	\$ -	\$ -	\$ 207,000.00
Communications		109	\$ 7,755.00	\$ -	\$ -	\$ 7,755.00
Consultants		110	\$ -	\$ 150,000.00	\$ -	\$ 150,000.00
Core / Fluid Analysis		111	\$ -	\$ -	\$ -	\$ -
Directional Drilling Operations		113	\$ 323,287.00	\$ -	\$ -	\$ 323,287.00
Environmental & Safety Services		117	\$ 26,380.00	\$ -	\$ -	\$ 26,380.00
Fishing Services		119	\$ -	\$ -	\$ -	\$ -
Fluids Disposal (includes transportation)		120	\$ 19,785.00	\$ -	\$ -	\$ 19,785.00
Services Formation Evaluation		121	\$ 80,000.00	\$ -	\$ -	\$ 80,000.00
Formation Stimulation - Fracturing		122	\$ -	\$ 4,071,000.00	\$ -	\$ 4,071,000.00
Formation Stimulation - Other		123	\$ -	\$ 496,740.00	\$ -	\$ 496,740.00
Inspection - Bottom Hole Assembly		129	\$ 18,500.00	\$ -	\$ -	\$ 18,500.00
Inspection - Casing		130	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00
Inspection - Drill Pipe		131	\$ 43,000.00	\$ -	\$ -	\$ 43,000.00
Inspection - Site		132	\$ -	\$ -	\$ -	\$ -
Inspection - Tubing		133	\$ -	\$ -	\$ -	\$ -
Installation / Removal - Pipeline		135	\$ -	\$ -	\$ -	\$ -
Instrumentation		138	\$ -	\$ -	\$ -	\$ -
Labor - Company Supervision		139	\$ 131,901.00	\$ 150,000.00	\$ -	\$ 281,901.00
Company Labor		140	\$ -	\$ -	\$ 7,000.00	\$ 7,000.00
Labor - Contract Employees		141	\$ -	\$ -	\$ 42,000.00	\$ 42,000.00
Location Preparation		143	\$ 135,000.00	\$ 50,000.00	\$ 10,000.00	\$ 195,000.00
Location Remediation & Maintenance		144	\$ 315,212.00	\$ 25,000.00	\$ -	\$ 340,212.00
Services Miscellaneous		146	\$ 132,913.00	\$ 250,000.00	\$ 9,775.00	\$ 392,688.00
Mud Logging Services		147	\$ 25,050.00	\$ -	\$ -	\$ 25,050.00
Drilling & Completion Rig Costs		150	\$ 749,737.00	\$ 343,000.00	\$ 20,000.00	\$ 1,112,737.00
Drilling Well Turnkey Costs		152	\$ -	\$ -	\$ -	\$ -
Rig Mobilization & De-Mobilization		153	\$ 234,125.00	\$ -	\$ -	\$ 234,125.00
Security Services		154	\$ -	\$ -	\$ -	\$ -
Slickline Services		155	\$ -	\$ -	\$ 3,500.00	\$ 3,500.00
Survey - Location		156	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00
Survey - Well		157	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00
Testing - Well Control Equipment		160	\$ 35,000.00	\$ -	\$ -	\$ 35,000.00
Transportation - Land		162	\$ 32,380.00	\$ -	\$ 10,000.00	\$ 42,380.00
Tubular Conveyed Perforating & Drill Stem Testing Services		165	\$ -	\$ -	\$ -	\$ -
Services Welding		166	\$ 7,500.00	\$ -	\$ -	\$ 7,500.00
Drill Bits		301	\$ 190,000.00	\$ 350,000.00	\$ -	\$ 540,000.00
Blow-Out Preventor		302	\$ 33,880.00	\$ -	\$ -	\$ 33,880.00
Completion Fluids		304	\$ -	\$ 75,000.00	\$ -	\$ 75,000.00
Cranes		307	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00
Drill String		310	\$ 52,879.00	\$ -	\$ -	\$ 52,879.00
Electrical Repairs		311	\$ -	\$ -	\$ -	\$ -
Fuel		313	\$ 234,855.00	\$ -	\$ -	\$ 234,855.00
Gas Measurement		317	\$ -	\$ -	\$ 20,000.00	\$ 20,000.00
Heater - Indirect Line		321	\$ -	\$ -	\$ -	\$ -
Rent Lost in Hole		325	\$ -	\$ -	\$ -	\$ -
Rent Miscellaneous Surface Equipment		328	\$ 34,075.00	\$ 350,000.00	\$ 25,000.00	\$ 422,075.00
Mud - Drilling		329	\$ 387,957.00	\$ -	\$ -	\$ 387,957.00
Mud Monitoring & Processing Equipment		330	\$ 76,248.00	\$ -	\$ -	\$ 76,248.00
Stabilizer, Under-Reamer, Hole-Opener		341	\$ 20,190.00	\$ -	\$ -	\$ 20,190.00
Vapor Recovery System		349	\$ -	\$ -	\$ -	\$ -
Drilling Water		350	\$ 9,068.00	\$ -	\$ 4,000.00	\$ 13,068.00
Water Handling Equipment		351	\$ -	\$ -	\$ -	\$ -
Drilling Insurance		501	\$ -	\$ -	\$ -	\$ -
Legal Fees		503	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00
Regulatory Compliance		511	\$ -	\$ -	\$ -	\$ -
Overhead		965	\$ 16,490.00	\$ 150,000.00	\$ -	\$ 166,490.00
Subtotal - Intangibles			\$ 3,726,832.00	\$ 7,035,740.00	\$ 124,000.00	\$ 10,958,847.00
TANGIBLES						
Oil Measurement Equipment		332	\$ -	\$ -	\$ -	\$ -
Line Pipe & Battery Fittings		335	\$ -	\$ -	\$ 58,000.00	\$ 58,000.00
Pumps		336	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
Separators		340	\$ -	\$ 25,000.00	\$ -	\$ 25,000.00
Stock Tanks		345	\$ -	\$ 62,000.00	\$ -	\$ 62,000.00
Treaters		347	\$ -	\$ 58,000.00	\$ -	\$ 58,000.00
Artificial Lift		601	\$ -	\$ -	\$ 20,000.00	\$ 20,000.00
Casing Accessories		602	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00
Miscellaneous Surface Equipment		603	\$ -	\$ -	\$ -	\$ -
Packers / Anchors / Liner Hangers		604	\$ -	\$ -	\$ -	\$ -
Water Casing (Conductor Casing)		607	\$ -	\$ -	\$ -	\$ -
Pipe Surface Casing		608	\$ 72,000.00	\$ -	\$ -	\$ 72,000.00
Pipe Intermediate Casing		609	\$ -	\$ -	\$ -	\$ -
Production Casing/Liner		610	\$ 553,668.00	\$ -	\$ -	\$ 553,668.00
Pipe Casing Liner		611	\$ -	\$ -	\$ -	\$ -
Tubing		613	\$ -	\$ -	\$ 65,000.00	\$ 65,000.00
Rods		614	\$ -	\$ -	\$ -	\$ -
Tubing Accessories		616	\$ -	\$ -	\$ 20,000.00	\$ 20,000.00
Wellhead		617	\$ 22,500.00	\$ -	\$ -	\$ 22,500.00
Subtotal - Tangibles			\$ 673,168.00	\$ 203,000.00	\$ 110,000.00	\$ 986,168.00
AFE TOTAL			\$ 4,400,000.00	\$ 7,035,740.00	\$ 327,000.00	\$ 11,945,015.00

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: \_\_\_\_\_

CD14-8/31T

