



# Authority for Expenditure Drilling, Completion, Facilities

WELL NAME: LOHMEYER 1H-26X  
AFE NO. 45424  
RC NO. 500396397  
Date: 12/21/2015

OPERATOR:	STATE	COUNTY	SECTION	TOWNSHIP	RANGE	PROPOSED TD
Newfield Exploration-Mid Continent	OK	KINGFISHER	26	17N	8W	8,318' TVD /18,518' MD
DRILLING COMMENTS		COMPLETION COMMENTS			FACILITIES	
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	FACILITIES	ART. LIFT
INTANGIBLES						TOTAL
Base / Field Office Operations		101	\$ 31,606.00	\$ 30,000.00	\$ -	\$ 61,606.00
Cased Hole Electric Wireline		102	\$ -	\$ 460,000.00	\$ -	\$ 470,000.00
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	\$ 185,000.00	\$ -	\$ -	\$ 185,000.00
Communications		109	\$ 5,926.00	\$ -	\$ -	\$ 5,926.00
Consultants		110	\$ 84,283.00	\$ 150,000.00	\$ -	\$ 234,283.00
Core / Fluid Analysis		111	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00
Directional Drilling Operations		113	\$ 292,963.00	\$ -	\$ -	\$ 292,963.00
Environmental & Safety Services		117	\$ 1,054.00	\$ 35,000.00	\$ -	\$ 36,054.00
Fishing Services		119	\$ -	\$ -	\$ -	\$ -
Fluids Disposal (includes transportation)		120	\$ 57,945.00	\$ 20,000.00	\$ -	\$ 77,945.00
Services Formation Evaluation		121	\$ -	\$ -	\$ -	\$ -
Formation Stimulation - Fracturing		122	\$ -	\$ 2,720,000.00	\$ -	\$ 2,720,000.00
Formation Stimulation - Other		123	\$ -	\$ 20,000.00	\$ -	\$ 20,000.00
Hot Oiling Services		128	\$ -	\$ 9,000.00	\$ -	\$ 9,000.00
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
Labor - Contract Employees		141	\$ -	\$ -	\$ 42,000.00	\$ -
Location Preparation		143	\$ 200,000.00	\$ 1,000.00	\$ 15,000.00	\$ 216,000.00
Location Remediation & Maintenance		144	\$ 250,000.00	\$ 12,500.00	\$ 2,000.00	\$ 264,500.00
Services Miscellaneous		146	\$ -	\$ 6,500.00	\$ -	\$ 11,500.00
Mud Logging Services		147	\$ 19,205.00	\$ -	\$ -	\$ 19,205.00
Drilling & Completion Rig Costs		150	\$ 408,313.00	\$ 115,000.00	\$ 15,000.00	\$ 538,313.00
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	\$ 8,692.00	\$ 25,000.00	\$ 10,000.00	\$ 48,692.00
Tubular Conveyed Perforating & Drill Stem Testing Services		165	\$ -	\$ -	\$ -	\$ -
Services Welding		166	\$ 3,500.00	\$ -	\$ -	\$ 3,500.00
Drill Bits		301	\$ 130,000.00	\$ 10,000.00	\$ -	\$ 140,000.00
Blow-Out Preventor		302	\$ 13,169.00	\$ 50,000.00	\$ 2,000.00	\$ 65,169.00
Completion Fluids		304	\$ -	\$ 5,000.00	\$ -	\$ 5,000.00
Cranes		307	\$ -	\$ 10,000.00	\$ -	\$ 10,000.00
Drill String		310	\$ 7,500.00	\$ -	\$ -	\$ 7,500.00
Electrical Repairs		311	\$ -	\$ -	\$ -	\$ -
Fuel		313	\$ 82,441.00	\$ 235,000.00	\$ -	\$ 317,441.00
Gas Measurement		317	\$ -	\$ -	\$ 20,000.00	\$ 20,000.00
Heaters - Indirect Line		321	\$ -	\$ -	\$ -	\$ -
Rent Lost in Hole		325	\$ -	\$ -	\$ -	\$ -
Rent Miscellaneous Surface Equipment		328	\$ 9,468.00	\$ 165,000.00	\$ 17,000.00	\$ 191,468.00
Mud - Drilling		329	\$ 305,913.00	\$ -	\$ -	\$ 305,913.00
Mud Monitoring & Processing Equipment		330	\$ 50,043.00	\$ -	\$ -	\$ 50,043.00
Stabilizer, Under-Reamer, Hole-Opener		341	\$ 10,535.00	\$ -	\$ -	\$ 10,535.00
Tools & Supplies		346	\$ -	\$ -	\$ -	\$ -
Vapor Recovery System		349	\$ -	\$ -	\$ 18,000.00	\$ 18,000.00
Drilling Water		350	\$ 15,804.00	\$ 480,000.00	\$ -	\$ 495,804.00
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	\$ 10,140.00	\$ -	\$ -	\$ 10,140.00
Subtotal - Intangibles			\$ 2,549,000.00	\$ 4,634,000.00	\$ 131,000.00	\$ 7,360,000.00
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
Treators		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	\$ 481,000.00	\$ -	\$ -	\$ 481,000.00
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			\$ 601,000.00	\$ 30,000.00	\$ 196,000.00	\$ 901,000.00
AFE TOTAL			\$ 3,150,000.00	\$ 4,664,000.00	\$ 327,000.00	\$ 8,261,000.00

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: \_\_\_\_\_ COMPANY: \_\_\_\_\_  
PRINTED NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_



12-22-15

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