



Authority for Expenditure Drilling,
Completion, Facilities

WELL NAME: Funk 1H-27
AFE NO. 46336
RC NO. 500398915
Date: 5/4/2016

7/25/16
BMS

OPERATOR:	STATE	COUNTY	SECTION	TOWNSHIP	RANGE	PROPOSED TD
Newfield Exploration-Mid Continent	OK	CANADIAN	27	13N	7W	9,470' TVD/14,470' MD

DRILLING COMMENTS		COMPLETION COMMENTS					FACILITIES	
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	FACILITIES	ART. LIFT	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	\$	-	\$	32,500.00	
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	\$	-	\$	-	\$	6,000.00	
Labor - Contract Employees	141	\$	-	\$	49,000.00	\$	49,000.00	
Location Preparation	143	\$	120,000.00	\$	5,000.00	\$	141,000.00	
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	\$	204,919.00	
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	\$	-	\$	-	\$	-	
Stickline Services	155	\$	-	\$	-	\$	3,500.00	
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	\$	32,837.00	
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	\$	20,086.00	
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	\$	85,760.00	
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	348	\$	-	\$	125,000.00	\$	125,000.00	
Vapor Recovery System	349	\$	-	\$	18,000.00	\$	18,000.00	
Drilling Water	350	\$	12,703.00	\$	260,000.00	\$	272,703.00	
Water Handling Equipment	351	\$	-	\$	-	\$	-	
Drilling Insurance	501	\$	-	\$	-	\$	-	
Landowner Fees	502	\$	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	\$	256,000.00	
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	\$	-	\$	-	\$	10,000.00	
Casing Accessories	602	\$	22,000.00	\$	-	\$	22,000.00	
Miscellaneous Surface Equipment	603	\$	-	\$	-	\$	-	
Packers / Anchors / Liner Hangers	604	\$	-	\$	-	\$	-	
Water Casing (Co-inductor 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	
Rods	614	\$	-	\$	-	\$	-	
Tubing Accessories	616	\$	-	\$	-	\$	6,500.00	
Wellhead	617	\$	48,500.00	\$	7,500.00	\$	56,000.00	
Subtotal - Tangibles		\$	362,500.00	\$	7,500.00	\$	607,500.00	
AFE TOTAL		\$	1,900,000.00	\$	1,420,000.00	\$	3,847,000.00	

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: _____



OD 16-1913T

7/25/16