



# Authority for Expenditure Drilling, Completion, Facilities

WELL NAME: Hoile 111-25X

AFENO:

RCNO:

Date: 3/24/17

3/24/17 for DG

OPERATOR:		STATE	COUNTY	SECTION	TOWNSHIP	RANGE	PROPOSED TD				
Newfield Exploration-Mid Continent		OK	Blaine	25.30	16N	11W	10,692' / 21,135'				
DRILLING COMMENTS		COMPLETION COMMENTS				FACILITIES					
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	FACILITIES	ART. LIFT	TOTAL				
INTANGIBLES											
Base / Field Office Operations	101	\$	38,007.00	\$	30,000.00	\$	-	\$	68,007.00		
Cased Hole Electric Wireline	102	\$	-	\$	515,000.00	\$	-	\$	515,000.00		
Services - Casing Crews and Running Tools	103	\$	115,000.00	\$	50,000.00	\$	-	\$	4,500.00	\$	169,500.00
Services Cementing/Coil Tubing Unit	105	\$	185,000.00	\$	-	\$	-	\$	-	\$	185,000.00
Communications	109	\$	5,900.00	\$	-	\$	30,000.00	\$	-	\$	35,900.00
Consultants	110	\$	106,648.00	\$	125,000.00	\$	-	\$	-	\$	231,648.00
Core / Fluid Analysis	111	\$	-	\$	-	\$	-	\$	1,000.00	\$	1,000.00
Directional Drilling Operations	113	\$	259,753.00	\$	-	\$	-	\$	-	\$	259,753.00
Environmental & Safety Services	117	\$	1,063.00	\$	35,000.00	\$	-	\$	-	\$	36,063.00
Fishing Services	119	\$	-	\$	-	\$	-	\$	-	\$	-
Fluids Disposal (includes transportation)	120	\$	139,865.00	\$	20,000.00	\$	-	\$	-	\$	159,865.00
Services Formation Evaluation	121	\$	-	\$	-	\$	-	\$	-	\$	-
Formation Stimulation - Fracturing	122	\$	-	\$	3,020,000.00	\$	-	\$	-	\$	3,020,000.00
Formation Stimulation - Other	123	\$	-	\$	20,000.00	\$	-	\$	-	\$	20,000.00
Hot Oil Services	128	\$	-	\$	-	\$	-	\$	-	\$	-
Inspection - Bottom Hole Assembly	129	\$	10,000.00	\$	-	\$	-	\$	-	\$	10,000.00
Inspection - Casing	130	\$	-	\$	-	\$	-	\$	-	\$	-
Inspection - Drill Pipe	131	\$	30,000.00	\$	-	\$	-	\$	-	\$	30,000.00
Inspection - Site	132	\$	-	\$	-	\$	-	\$	-	\$	-
Inspection - Tubing	133	\$	-	\$	11,000.00	\$	-	\$	-	\$	11,000.00
Installation / Removal - Pipeline	135	\$	-	\$	-	\$	-	\$	-	\$	-
Instrumentation	138	\$	-	\$	-	\$	-	\$	-	\$	-
Labor - Company Supervision	139	\$	-	\$	-	\$	-	\$	-	\$	-
Company Labor	140	\$	-	\$	-	\$	5,000.00	\$	2,000.00	\$	7,000.00
Labor - Contract Employees	141	\$	-	\$	-	\$	40,000.00	\$	-	\$	40,000.00
Location Preparation	143	\$	120,000.00	\$	1,000.00	\$	13,000.00	\$	-	\$	134,000.00
Location Remediation & Maintenance	144	\$	117,500.00	\$	12,500.00	\$	2,000.00	\$	-	\$	132,000.00
Services Miscellaneous	146	\$	26,577.00	\$	6,500.00	\$	-	\$	-	\$	33,077.00
Mud Logging Services	147	\$	23,919.00	\$	-	\$	-	\$	-	\$	23,919.00
Drilling & Completion Rig Costs	150	\$	409,301.00	\$	125,000.00	\$	-	\$	9,000.00	\$	543,301.00
Drilling Well Turnkey Costs	152	\$	25,000.00	\$	-	\$	-	\$	-	\$	25,000.00
Rig Mobilization & De-Mobilization	153	\$	132,500.00	\$	-	\$	-	\$	-	\$	132,500.00
Security Services	154	\$	-	\$	15,000.00	\$	-	\$	-	\$	15,000.00
Shedline Services	155	\$	-	\$	-	\$	-	\$	-	\$	-
Survey - Location	156	\$	-	\$	-	\$	-	\$	-	\$	-
Survey - Well	157	\$	-	\$	-	\$	-	\$	-	\$	-
Testing - Well Control Equipment	160	\$	22,200.00	\$	8,000.00	\$	-	\$	-	\$	30,200.00
Transportation - Land	162	\$	8,770.00	\$	25,000.00	\$	10,000.00	\$	2,000.00	\$	45,770.00
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$	-	\$	-	\$	-	\$	-	\$	-
Services Welding	166	\$	3,000.00	\$	-	\$	-	\$	-	\$	3,000.00
Drill Bits	301	\$	202,500.00	\$	5,000.00	\$	-	\$	-	\$	207,500.00
Blow-Out Preventor	302	\$	13,288.00	\$	50,000.00	\$	-	\$	1,500.00	\$	64,788.00
Completion Fluids	304	\$	-	\$	5,000.00	\$	-	\$	-	\$	5,000.00
Cranes	307	\$	-	\$	10,000.00	\$	-	\$	-	\$	10,000.00
Drill String	310	\$	-	\$	-	\$	-	\$	-	\$	-
Electrical Repairs	311	\$	-	\$	-	\$	-	\$	-	\$	-
Fuel	313	\$	66,441.00	\$	215,000.00	\$	-	\$	-	\$	281,441.00
Gas Measurement	317	\$	-	\$	-	\$	10,000.00	\$	-	\$	10,000.00
Heaters - Indirect Line	321	\$	-	\$	-	\$	-	\$	-	\$	-
Rent Lost in Hole	325	\$	-	\$	-	\$	-	\$	-	\$	-
Rent Miscellaneous Surface Equipment	328	\$	9,302.00	\$	150,000.00	\$	15,000.00	\$	5,000.00	\$	179,302.00
Mud - Drilling	329	\$	247,986.00	\$	-	\$	-	\$	-	\$	247,986.00
Mud Monitoring & Processing Equipment	330	\$	63,153.00	\$	-	\$	-	\$	-	\$	63,153.00
Stabilizer, Under-Reamer, Hole Opener	341	\$	10,631.00	\$	-	\$	-	\$	-	\$	10,631.00
Tools & Supplies	346	\$	-	\$	-	\$	-	\$	-	\$	-
Vapor Recovery System	349	\$	-	\$	-	\$	23,000.00	\$	-	\$	23,000.00
Drilling Water	350	\$	18,946.00	\$	480,000.00	\$	-	\$	-	\$	498,946.00
Water Handling Equipment	351	\$	-	\$	-	\$	-	\$	-	\$	-
Drilling Insurance	501	\$	10,000.00	\$	-	\$	-	\$	-	\$	10,000.00
Legal Fees	503	\$	15,000.00	\$	-	\$	-	\$	-	\$	15,000.00
Regulatory Compliance	511	\$	1,500.00	\$	-	\$	-	\$	-	\$	1,500.00
Overhead	965	\$	10,232.00	\$	-	\$	-	\$	-	\$	10,232.00
Subtotal - Intangibles		\$	2,449,062.00	\$	4,934,000.00	\$	148,000.00	\$	25,000.00	\$	7,556,062.00
TANGIBLES											
Oil Measurement Equipment	332	\$	-	\$	-	\$	-	\$	-	\$	-
Line Pipe & Battery Fittings	335	\$	-	\$	-	\$	65,000.00	\$	-	\$	65,000.00
Pumps	336	\$	-	\$	-	\$	-	\$	-	\$	-
Separators	340	\$	-	\$	-	\$	18,000.00	\$	-	\$	18,000.00
Stock Tanks	345	\$	-	\$	-	\$	45,000.00	\$	-	\$	45,000.00
Treaters	347	\$	-	\$	-	\$	34,000.00	\$	-	\$	34,000.00
Utility Systems	348	\$	-	\$	-	\$	-	\$	-	\$	-
Artificial Lift	601	\$	-	\$	-	\$	-	\$	10,000.00	\$	10,000.00
Casing Accessories	602	\$	42,000.00	\$	-	\$	-	\$	-	\$	42,000.00
Miscellaneous Surface Equipment	603	\$	-	\$	-	\$	-	\$	-	\$	-
Packers / Anchors / Liner Hangers	604	\$	-	\$	-	\$	-	\$	-	\$	-
Water Casing (Conductor Casing)	607	\$	10,000.00	\$	-	\$	-	\$	-	\$	10,000.00
Pipe Surface Casing	608	\$	14,000.00	\$	-	\$	-	\$	-	\$	14,000.00
Pipe Intermediate Casing	609	\$	225,000.00	\$	-	\$	-	\$	-	\$	225,000.00
Production Casing/Liner	610	\$	533,000.00	\$	-	\$	-	\$	-	\$	533,000.00
Pipe Casing Liner	611	\$	-	\$	-	\$	-	\$	-	\$	-
Tubing	613	\$	-	\$	-	\$	-	\$	35,000.00	\$	35,000.00
Rods	614	\$	-	\$	-	\$	-	\$	-	\$	-
Tubing Accessories	616	\$	-	\$	-	\$	-	\$	1,500.00	\$	1,500.00
Wellhead	617	\$	37,500.00	\$	30,000.00	\$	-	\$	-	\$	67,500.00
Subtotal - Tangibles		\$	861,500.00	\$	30,000.00	\$	162,000.00	\$	46,500.00	\$	1,100,000.00
AFE TOTAL		\$	3,310,562.00	\$	4,964,000.00	\$	310,000.00	\$	71,500.00	\$	8,656,062.00

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: \_\_\_\_\_



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