



Authority for Expenditure Drilling,  
Completion, Facilities

WELL NAME: Norma 1H-1X  
AFE NO.:  
RC NO.:  
Date: 11/14/2016

OPERATOR:	STATE	COUNTY	SECTION	TOWNSHIP	RANGE	PROPOSED TD					
Newfield Exploration-Mid Continent	OK	Kingfisher	1 & 12	17N	8W	8,018' TVD / 18,218' TMD					
DRILLING COMMENTS		COMPLETION COMMENTS			FACILITIES						
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	FACILITIES	ART. LIFT	TOTAL				
INTANGIBLES											
Base / Field Office Operations	101	\$	23,320.00	\$	30,000.00	\$	-	\$	53,320.00		
Cased Hole Electric Wireline	102	\$	-	\$	350,000.00	\$	-	\$	350,000.00		
Services - Casing Crews and Running Tools	103	\$	35,000.00	\$	26,000.00	\$	-	\$	4,500.00	\$	65,500.00
Services Cementing/Coil Tubing Unit	105	\$	65,000.00	\$	-	\$	-	\$	-	\$	65,000.00
Communications	109	\$	1,674.00	\$	-	\$	3,000.00	\$	-	\$	4,674.00
Consultants	110	\$	93,000.00	\$	135,000.00	\$	1,000.00	\$	-	\$	229,000.00
Core / Fluid Analysis	111	\$	-	\$	-	\$	-	\$	1,000.00	\$	1,000.00
Directional Drilling Operations	113	\$	165,947.00	\$	-	\$	-	\$	-	\$	165,947.00
Environmental & Safety Services	117	\$	744.00	\$	45,000.00	\$	-	\$	-	\$	45,744.00
Fishing Services	119	\$	-	\$	-	\$	-	\$	-	\$	-
Fluids Disposal (includes transportation)	120	\$	28,600.00	\$	30,000.00	\$	-	\$	-	\$	58,600.00
Services Formation Evaluation	121	\$	-	\$	-	\$	-	\$	-	\$	-
Formation Stimulation - Fracturing	122	\$	-	\$	2,470,000.00	\$	-	\$	-	\$	2,470,000.00
Formation Stimulation - Other	123	\$	-	\$	30,000.00	\$	-	\$	-	\$	30,000.00
Hot Oiling Services	128	\$	-	\$	-	\$	-	\$	-	\$	-
Inspection - Bottom Hole Assembly	129	\$	5,000.00	\$	-	\$	-	\$	-	\$	5,000.00
Inspection - Casing	130	\$	6,700.00	\$	-	\$	-	\$	-	\$	6,700.00
Inspection - Drill Pipe	131	\$	25,000.00	\$	-	\$	-	\$	-	\$	25,000.00
Inspection - Site	132	\$	-	\$	-	\$	-	\$	-	\$	-
Inspection - Tubing	133	\$	-	\$	-	\$	-	\$	-	\$	-
Installation / Removal - Pipeline	135	\$	-	\$	-	\$	-	\$	-	\$	-
Instrumentation	138	\$	-	\$	-	\$	20,000.00	\$	-	\$	20,000.00
Labor - Company Supervision	139	\$	-	\$	2,500.00	\$	-	\$	-	\$	2,500.00
Company Labor	140	\$	-	\$	1,000.00	\$	5,000.00	\$	2,000.00	\$	8,000.00
Labor - Contract Employees	141	\$	-	\$	12,500.00	\$	20,000.00	\$	-	\$	32,500.00
Location Preparation	143	\$	120,000.00	\$	-	\$	13,000.00	\$	-	\$	133,000.00
Location Remediation & Maintenance	144	\$	60,000.00	\$	-	\$	2,000.00	\$	-	\$	62,000.00
Measurement	145	\$	-	\$	-	\$	-	\$	-	\$	-
Services Miscellaneous	146	\$	-	\$	-	\$	-	\$	-	\$	-
Mud Logging Services	147	\$	12,240.00	\$	-	\$	-	\$	-	\$	12,240.00
Nitrogen Services	148	\$	-	\$	-	\$	-	\$	-	\$	-
Drilling & Completion Rig Costs	150	\$	244,800.00	\$	120,000.00	\$	-	\$	9,000.00	\$	373,800.00
Drilling Well Turnkey Costs	152	\$	35,000.00	\$	-	\$	-	\$	-	\$	35,000.00
Rig Mobilization & De-Mobilization	153	\$	145,000.00	\$	-	\$	-	\$	-	\$	145,000.00
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	\$	2,500.00	\$	-	\$	-	\$	-	\$	2,500.00
Transportation - Land	162	\$	6,138.00	\$	7,500.00	\$	10,000.00	\$	2,000.00	\$	25,638.00
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$	-	\$	-	\$	-	\$	-	\$	-
Services Welding	166	\$	3,500.00	\$	-	\$	85,000.00	\$	-	\$	88,500.00
Drill Bits	301	\$	65,000.00	\$	20,000.00	\$	-	\$	-	\$	85,000.00
Blow-Out Preventor	302	\$	9,300.00	\$	28,500.00	\$	-	\$	1,500.00	\$	39,300.00
Completion Fluids	304	\$	-	\$	72,000.00	\$	-	\$	-	\$	72,000.00
Cranes	307	\$	-	\$	30,000.00	\$	-	\$	-	\$	30,000.00
Drill String	310	\$	22,500.00	\$	-	\$	-	\$	-	\$	22,500.00
Electrical and Grounding	311	\$	-	\$	-	\$	105,000.00	\$	-	\$	105,000.00
Fuel	313	\$	46,500.00	\$	255,000.00	\$	-	\$	-	\$	301,500.00
Gas Measurement	317	\$	-	\$	-	\$	10,000.00	\$	-	\$	10,000.00
Heaters - Indirect Line	321	\$	-	\$	-	\$	-	\$	-	\$	-
Rent Lost in Hole	325	\$	-	\$	-	\$	-	\$	-	\$	-
Rent Miscellaneous Surface Equipment	328	\$	7,635.00	\$	180,000.00	\$	15,000.00	\$	5,000.00	\$	207,635.00
Mud - Drilling	329	\$	161,984.00	\$	-	\$	-	\$	-	\$	161,984.00
Mud Monitoring & Processing Equipment	330	\$	37,200.00	\$	-	\$	-	\$	-	\$	37,200.00
Stabilizer, Under-Reamer, Hole-Opener	341	\$	7,440.00	\$	-	\$	-	\$	-	\$	7,440.00
Tools & Supplies	346	\$	-	\$	-	\$	-	\$	-	\$	-
Utilities Systems	348	\$	-	\$	-	\$	-	\$	-	\$	-
Vapor Recovery System	349	\$	-	\$	-	\$	23,000.00	\$	-	\$	23,000.00
Drilling Water	350	\$	4,860.00	\$	1,210,000.00	\$	-	\$	-	\$	1,214,860.00
Water Handling Equipment	351	\$	-	\$	10,000.00	\$	-	\$	-	\$	10,000.00
Drilling Insurance	501	\$	10,000.00	\$	-	\$	-	\$	-	\$	10,000.00
Landowner Fees	502	\$	-	\$	-	\$	-	\$	-	\$	-
Legal Fees	503	\$	130,500.00	\$	-	\$	-	\$	-	\$	130,500.00
Regulatory Compliance	511	\$	1,500.00	\$	-	\$	-	\$	-	\$	1,500.00
Overhead	965	\$	7,161.00	\$	-	\$	-	\$	-	\$	7,161.00
Subtotal - Intangibles		\$	1,592,243.00	\$	5,080,000.00	\$	312,000.00	\$	25,000.00	\$	7,009,243.00
TANGIBLES											
Oil Measurement Equipment	332	\$	-	\$	-	\$	40,000.00	\$	-	\$	40,000.00
Line Pipe & Battery Fittings	335	\$	-	\$	-	\$	75,000.00	\$	-	\$	75,000.00
Pumps	336	\$	-	\$	-	\$	10,000.00	\$	-	\$	10,000.00
Separators	340	\$	-	\$	-	\$	55,000.00	\$	-	\$	55,000.00
Stock Tanks	345	\$	-	\$	-	\$	45,000.00	\$	-	\$	45,000.00
Treaters	347	\$	-	\$	-	\$	35,000.00	\$	-	\$	35,000.00
Artificial Lift	601	\$	-	\$	-	\$	-	\$	10,000.00	\$	10,000.00
Casing Accessories	602	\$	14,000.00	\$	-	\$	-	\$	-	\$	14,000.00
Miscellaneous Surface Equipment	603	\$	-	\$	-	\$	50,000.00	\$	-	\$	50,000.00
Packers / Anchors / Liner Hangers	604	\$	80,000.00	\$	-	\$	-	\$	-	\$	80,000.00
Water Casing (Conductor Casing)	607	\$	10,000.00	\$	-	\$	-	\$	-	\$	10,000.00
Pipe Surface Casing	608	\$	8,000.00	\$	-	\$	-	\$	-	\$	8,000.00
Pipe Intermediate Casing	609	\$	267,000.00	\$	-	\$	-	\$	-	\$	267,000.00
Production Casing/Liner	610	\$	207,900.00	\$	-	\$	-	\$	-	\$	207,900.00
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	\$	21,000.00	\$	30,000.00	\$	27,000.00	\$	-	\$	78,000.00
Subtotal - Tangibles		\$	607,900.00	\$	30,000.00	\$	337,000.00	\$	46,500.00	\$	1,021,400.00
AFE TOTAL		\$	2,200,143.00	\$	5,110,000.00	\$	649,000.00	\$	71,500.00	\$	8,030,643.00

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: \_\_\_\_\_



11/14/16