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## Authority for Expenditure Drilling, Completion, Facilities

WELL NAME: SCOTT 1H-23X
AFE NO. 46482
RC NO. 500399232

Date: 8/8/2016 TOWNSHIP PROPOSED TD STATE COUNTY OPERATOR: Newfield Exploration-Mid Continent ок CANADIAN 14N 7W 8,750 **FACILITIES** DRILLING COMMENTS **COMPLETION COMMENTS** DRILLING COMPLETION FACILITIES ART. LIFT TOTAL DETAIL OF ESTIMATED EXPENDITURES COST CODE INTANGIBLES
Base / Field Office Operations 32,000.00 69,938.00 37.938.00 260,000.00 Cased Hole Electric Wireline 4,500.00 36,500.00 Services - Casing Crews and Running Tools Services Cementing/Coil Tubing Unit 103 104,139.00 105 4,155.00 67,641.00 30,000.00 34,155.00 Communications 100,000.00 167,641.00 1,000.00 172,873.00 Core / Fluid Analysis
Directional Drilling Operations
Environmental & Safety Services 1,000.00 172,873.00 S 28,739.00 28,000.00 Fishing Services
Fluids Disposal (includes transportation) 81,703.00 57,703.00 \$ 24,000.00 Services Formation Evaluation 1,040,000.00 1,040,000.00 Formation Stimulation - Fracturing Formation Stimulation - Other Hot Oiling Services 24,000.00 5,000.00 5,000.00 Inspection - Bottom Hole Assembly Inspection - Casing
Inspection - Drill Pipe 25,000.00 25,000.00 Inspection - Site Inspection - Tubing
Installation / Removal - Pipeline Instrumentation Labor - Company Supervision Company Labor Labor - Contract Employees 7,000.00 40,000.00 141,000.00 5,000.00 \$ 40,000.00 \$ 2,000.00 13,000.00 2,000.00 10,000.00 120,000.00 200,000.00 8,000.00 Location Preparation Location Remediation & Maintenance
Measurement 202,000.00 10,000.00 5,000.00 145 \$ 146 \$ 147 \$ 5.000.00 Services Miscellaneous Services Miscellaneous
Mud Logging Services
Nitrogen Services
Drilling & Completion Rig Costs
Drilling Well Turnkey Costs
Rig Mobilization & De-Mobilization
Security Services 12,122.00 12,122.00 228,970.00 69,000.00 145,000.00 245,970.00 9,000.00 8,000.00 145,000.00 Slickline Services 1,500.00 1,500.00 Survey - Location Survey - Well Testing - Well Control Equipment 160 \$ 162 \$ 165 \$ 5,700.00 6,095.00 4.000.00 2,000.00 20,000.00 10,000.00 38,095.00 Tubular Conveyed Perforating & Drill Stem Testing Services
Services Welding
Drill Bits Transportation - Land 3,500.00 3,500.00 9,234.00 16,000.00 1,500.00 26,734.00 Blow-Out Preventor Completion Fluids 36,000.00 36,000.00 Cranes 5,000.00 5,000.00 Drill String Electrical Repairs 36,938.00 180,938.00 313 \$ 317 \$ 321 \$ 325 \$ 144.000.00 Fuel Gas Measurement Heaters - Indirect Line Rent Lost in Hole 7,064.00 159,672.00 36,938.00 100,000.00 \$ 15,000.00 Rent Miscellaneous Surface Equipment Mud - Drilling Mud - Drilling
Mud Monitoring & Processing Equipment
Stabilizer, Under-Reamer, Hole-Opener
Tools & Supplies 36,938.00 7,388.00 341 \$
346 \$
348 \$
349 \$ 7,388.00 125,000.00 Utilities Systems Vapor Recovery System 18,000.00 430,081.00 416,000.00 14,081.00 Water Handling Equipment
Drilling Insurance **Drilling Water** 502 \$ 503 \$ 511 \$ Landowner Fees 15,000.00 \$ - \$ - \$ - \$ 5 - \$ 5 1,500.00 \$ - \$ - \$ 5 - \$ 5 1,683,500.00 \$ 2,260,000.00 \$ 268,000.00 \$ 25,000.00 \$ 15,000.00 Legal Fees 1,500.00 7,110.00 **4,236,500.00** Regulatory Compliance 965 \$ Overhead Subtotal - Intangibles TANGIBLES Oil Measurement Equipment 50,000.00 50,000.00 Line Pipe & Battery Fittings Pumps Separators Stock Tanks 18,000.00 18,000.00 340 \$ 345 5 347 \$ 601 \$ 29,000.00 Treaters 10,000.00 \$ Artificial Lift 42,000.00 42,000.00 Casing Accessories
Miscellaneous Surface Equipment
Packers / Anchors / Liner Hangers 10,000.00 Water Casing (Conductor Casing) Pipe Surface Casing 30,000.00 608 Pipe Intermediate Casing 306,000.00 306,000.00 Production Casing/Liner Pipe Casing Liner Tubing 611 35,000.00 35,000.00 613 Rods 1,500.00 1,500.00 Tubing Accessories
Wellhead
Subtotal - Tangibles
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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:		

OD 16-2922T



8/8/14