

Annuschat 1H-6X		NEWFIELD	
PLAY TYPE: North Cana Oil		AFE Drill Days = 38.2	
PROJECT DESCRIPTION & OBJECTIVE: 10,230 Lateral		AFE #: PROPOSED TD 8,438 TVD / 19,214 MD PREPARED BY / DATE: BKC 12/17/2013 AFE TYPE: Drill and Complete Original	

DETAIL OF ESTIMATED EXPENDITURES	COST CODE	DRILLING	COMPLETION	COMPLETION	TOTAL
INTANGIBLES		880	881	883	
Base / Field Office Operations (housing, utilities, trash etc.)	101	\$62,040	\$0	\$0	\$62,040
Cased Hole Electric Wireline	102	\$0	\$330,000	\$0	\$330,000
Services - Casing Crews and Running Tools	103	\$68,000	\$115,500	\$0	\$183,500
Services Cementing/Coil Tubing Unit	105	\$207,000	\$0	\$0	\$207,000
Coil Tubing Unit	108	\$0	\$0	\$0	\$0
Communications	109	\$8,913	\$0	\$0	\$8,913
Consultants	110	\$0	\$200,000	\$3,000	\$203,000
Core / Fluid Analysis	111	\$0	\$0	\$0	\$0
Directional Drilling Operations	113	\$311,779	\$0	\$0	\$311,779
Environmental & Safety Services	117	\$30,594	\$0	\$0	\$30,594
Fishing Services	119	\$0	\$0	\$0	\$0
Fluids Disposal (includes transportation)	120	\$22,946	\$0	\$0	\$22,946
Services Formation Evaluation	121	\$80,000	\$0	\$0	\$80,000
Formation Stimulation - Fracturing	122	\$0	\$3,511,500	\$0	\$3,511,500
Formation Stimulation - Other	123	\$0	\$401,000	\$0	\$401,000
Inspection - Bottom Hole Assembly	129	\$18,500	\$0	\$0	\$18,500
Inspection - Casing	130	\$1,500	\$0	\$0	\$1,500
Inspection - Drill Pipe	131	\$43,000	\$0	\$0	\$43,000
Inspection - Tubing	133	\$0	\$0	\$0	\$0
Installation / Removal - Pipeline	135	\$0	\$0	\$50,000	\$50,000
Labor - Company Supervision	139	\$152,972	\$175,000	\$0	\$327,972
Company Labor	140	\$0	\$0	\$2,000	\$2,000
Labor - Contract Employees	141	\$0	\$34,815	\$0	\$34,815
Location Preparation	143	\$135,000	\$50,000	\$0	\$185,000
Location Remediation & Maintenance	144	\$314,898	\$100,000	\$0	\$414,898
Services Miscellaneous	146	\$113,108	\$150,000	\$0	\$263,108
Mud Logging Services	147	\$65,295	\$0	\$0	\$65,295
Drilling & Completion Rig Costs (\$26,800 / day)	150	\$890,914	\$275,000	\$14,000	\$1,179,914
Drilling Well Turnkey Costs	152	\$0	\$0	\$0	\$0
Rig Mobilization & De-Mobilization	153	\$234,125	\$0	\$0	\$234,125
Security Services	154	\$0	\$0	\$0	\$0
Slickline Services	155	\$0	\$0	\$0	\$0
Survey - Location	156	\$3,000	\$0	\$0	\$3,000
Survey - Well (not associated with directional drilling)	157	\$2,500	\$0	\$0	\$2,500
Testing - Well Control Equipment	160	\$35,000	\$0	\$0	\$35,000
Transportation - Land	162	\$28,946	\$0	\$13,000	\$41,946
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$0	\$0	\$0	\$0
Services Welding	166	\$7,500	\$10,000	\$0	\$17,500
Drill Bits	301	\$190,000	\$250,000	\$0	\$440,000
Blow-Out Preventor	302	\$38,094	\$0	\$0	\$38,094
Completion Fluids	304	\$0	\$9,185	\$0	\$9,185
Cranes	307	\$0	\$0	\$10,000	\$10,000
Drill String	310	\$59,110	\$0	\$0	\$59,110
Fuel	313	\$228,285	\$45,000	\$0	\$273,285
Gas Measurement	317	\$0	\$0	\$13,200	\$13,200
Rent Lost in Hole	325	\$0	\$0	\$0	\$0
Rent Miscellaneous Surface Equipment	328	\$39,343	\$300,000	\$72,000	\$411,343
Mud - Drilling	329	\$493,179	\$0	\$0	\$493,179
Mud Monitoring & Processing Equipment	330	\$87,310	\$0	\$0	\$87,310
Stabilizer, Under-Reamer, Hole-Opener	341	\$22,297	\$0	\$0	\$22,297
Vapor Recovery System	349	\$0	\$0	\$20,000	\$20,000
Drilling Water	350	\$10,517	\$0	\$0	\$10,517
Water Handling Equipment	351	\$0	\$0	\$16,000	\$16,000
Drilling Insurance	501	\$0	\$0	\$0	\$0
Legal Fees	503	\$3,000	\$0	\$0	\$3,000
Regulatory Compliance	511	\$0	\$0	\$0	\$0
Overhead	965	\$19,122	\$35,000	\$0	\$54,122
Subtotal - Intangibles		\$4,027,789	\$5,992,000	\$213,200	\$10,232,989
TANGIBLES		880	881	883	
Oil Measurement Equipment	332	\$0	\$0	\$0	\$0
Line Pipe & Battery Fittings	335	\$0	\$0	\$0	\$0
Separators	340	\$0	\$0	\$34,000	\$34,000
Stock Tanks	345	\$0	\$0	\$58,000	\$58,000
Treaters	347	\$0	\$0	\$0	\$0
Artificial Lift	601	\$0	\$0	\$25,000	\$25,000
Casing Accessories	602	\$25,000	\$0	\$0	\$25,000
Packers / Anchors / Liner Hangers	604	\$0	\$0	\$0	\$0
Water Casing (Conductor Casing)	607	\$0	\$0	\$0	\$0
Pipe Surface Casing (\$48 / ft)	608	\$72,000	\$0	\$0	\$72,000
Pipe Intermediate Casing	609	\$0	\$0	\$0	\$0
Production Casing/Liner (\$29 / ft)	610	\$552,711	\$0	\$0	\$552,711
Pipe Casing Liner	611	\$0	\$0	\$0	\$0
Tubing	613	\$0	\$0	\$68,000	\$68,000
Rods	614	\$0	\$0	\$0	\$0
Tubing Accessories	616	\$0	\$0	\$7,500	\$7,500
Wellhead	617	\$22,500	\$14,000	\$0	\$36,500
Subtotal - Tangibles		\$672,211	\$14,000	\$192,500	\$878,711
AFE TOTAL		\$4,700,000	\$6,006,000	\$405,700	\$11,111,700

CD-2013-4260T



1-15-14

This AFE is only an estimate. By returning one signed copy the undersigned hereby agrees to pay it share of the all actual

PREPARED BY: B Crump

NAME: _____
 PRINTED NAME: _____
 TITLE: _____

COMPANY: _____
 DATE: _____