

Bernard 1H-5X		NEWFIELD				
PLAY TYPE: North Cana Oil		AFE Drill Days = 34.3				
PROJECT DESCRIPTION & OBJECTIVE:						
10,230 Lateral						
		AFE #:				
		PROPOSED TD 8,400 TVD / 16,617 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	\$56,475	\$0	\$0	\$56,475
Cased Hole Electric Wireline		102	\$0	\$250,000	\$0	\$250,000
Services - Casing Crews and Running Tools		103	\$68,000	\$87,500	\$0	\$155,500
Services Cementing/Coil Tubing Unit		105	\$207,000	\$0	\$0	\$207,000
Communications		109	\$8,039	\$0	\$0	\$8,039
Consultants		110	\$0	\$41,125	\$3,000	\$44,125
Core / Fluid Analysis		111	\$0	\$0	\$0	\$0
Directional Drilling Operations		113	\$268,209	\$0	\$0	\$268,209
Environmental & Safety Services		117	\$27,414	\$0	\$0	\$27,414
Fishing Services		119	\$0	\$0	\$0	\$0
Fluids Disposal (includes transportation)		120	\$20,561	\$0	\$0	\$20,561
Services Formation Evaluation		121	\$80,000	\$0	\$0	\$80,000
Formation Stimulation - Fracturing		122		\$2,667,500	\$0	\$2,667,500
Formation Stimulation - Other		123		\$305,000	\$0	\$305,000
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		\$50,000	\$0	\$50,000
Labor - Company Supervision		139	\$137,072	\$175,000	\$0	\$312,072
Company Labor		140	\$	\$	\$2,000	\$2,000
Labor - Contract Employees		141	\$0	\$26,375	\$0	\$26,375
Location Preparation		143	\$135,000	\$25,000	\$0	\$160,000
Location Remediation & Maintenance		144	\$290,227	\$75,000	\$0	\$365,227
Services Miscellaneous		146	\$103,170	\$100,000	\$0	\$203,170
Mud Logging Services		147	\$55,358	\$0	\$0	\$55,358
Drilling & Completion Rig Costs (\$26,800 / day)		150	\$784,383	\$275,000	\$14,000	\$1,073,383
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	\$26,561	\$0	\$13,000	\$39,561
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	\$200,000	\$0	\$390,000
Blow-Out Preventor		302	\$34,914	\$0	\$0	\$34,914
Completion Fluids		304		\$10,000	\$0	\$10,000
Cranes		307	\$	\$	\$10,000	\$10,000
Drill String		310	\$47,591	\$0	\$0	\$47,591
Fuel		313	\$208,609	\$10,000	\$0	\$218,609
Gas Measurement		317	\$	\$	\$13,200	\$13,200
Rent Lost in Hole		325	\$0	\$0	\$0	\$0
Rent Miscellaneous Surface Equipment		328	\$35,368	\$250,000	\$72,000	\$357,368
Mud - Drilling		329	\$444,799		\$0	\$444,799
Mud Monitoring & Processing Equipment		330	\$78,963		\$0	\$78,963
Stabilizer, Under-Reamer, Hole-Opener		341	\$20,707	\$0	\$0	\$20,707
Vapor Recovery System		349	\$	\$	\$20,000	\$20,000
Drilling Water		350	\$9,424	\$0	\$0	\$9,424
Water Handling Equipment		351	\$	\$	\$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	\$17,134	\$28,500	\$0	\$45,634
Subtotal - Intangibles			\$3,703,102	\$4,536,000	\$213,200	\$8,452,302
TANGIBLES			880	881	883	
Oil Measurement Equipment		332		\$0	\$0	\$0
Line Pipe & Battery Fittings		335			\$34,000	\$34,000
Separators		340			\$58,000	\$58,000
Stock Tanks		345			\$0	\$0
Treaters		347			\$25,000	\$25,000
Artificial Lift		601			\$25,000	\$25,000
Casing Accessories		602	\$25,000		\$0	\$0
Packers / Anchors / Liner Hangers		604	\$0		\$0	\$0
Water Casing (Conductor Casing)		607	\$0		\$0	\$0
Pipe Surface Casing (\$48 / ft)		608	\$72,000		\$0	\$72,000
Pipe Intermediate Casing		609	\$0		\$0	\$0
Production Casing/Liner (\$29 / ft)		610	\$477,398		\$0	\$477,398
Pipe Casing Liner		611	\$0		\$68,000	\$68,000
Tubing		613			\$0	\$0
Rods		614			\$7,500	\$7,500
Tubing Accessories		616	\$22,500	\$14,000	\$0	\$36,500
Wellhead		617	\$596,898	\$14,000	\$192,500	\$803,398
Subtotal - Tangibles			\$4,300,000	\$4,550,000	\$405,700	\$9,255,700
AFE TOTAL						

CD-2013-6400-T
6401-T



1-8-14

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: _____