

Bohman 1H-34X		NEWFIELD			
PLAY TYPE: North Cane Oil		AFE Drill Days = 36			
PROJECT DESCRIPTION & OBJECTIVE		10,230 Lateral			
		AFE #			
		PROPOSED TO: 8,178 TVD / 18,734 MD			
		PREPARED BY/ DATE: BKC 10-4-2013			
		AFE TYPE: Drill and Complete			
		Original			
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	TOTAL
INTANGIBLES			880	881	883
Base / Field Office Operations (housing, utilities, trash etc.)	101	\$63,090	\$0	\$0	\$63,090
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
Communications	109	\$9,078	\$0	\$0	\$9,078
Consultants	110	\$0	\$200,000	\$3,000	\$203,000
Core / Fluid Analysis	111	\$0	\$0	\$0	\$0
Directional Drilling Operations	113	\$320,000	\$0	\$0	\$320,000
Environmental & Safety Services	117	\$31,194	\$0	\$0	\$31,194
Fishing Services	119	\$0	\$0	\$0	\$0
Fluids Disposal (includes transportation)	120	\$23,396	\$0	\$0	\$23,396
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	\$155,972	\$175,000	\$0	\$330,972
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	\$321,311	\$100,000	\$0	\$421,311
Services Miscellaneous	146	\$114,983	\$150,000	\$0	\$264,983
Mud Logging Services	147	\$67,170	\$0	\$0	\$67,170
Drilling & Completion Rig Costs (\$26,800 / day)	150	\$911,014	\$275,000	\$14,000	\$1,200,014
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
Sickline 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	\$29,396	\$0	\$13,000	\$42,396
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	\$38,694	\$0	\$0	\$38,694
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	\$231,998	\$45,000	\$0	\$276,998
Gas Measurement	317	\$0	\$0	\$13,200	\$13,200
Rent Lost In Hole	325	\$0	\$0	\$0	\$0
Rent Miscellaneous Surface Equipment	328	\$40,093	\$300,000	\$72,000	\$412,093
Mud - Drilling	329	\$496,887	\$0	\$0	\$496,887
Mud Monitoring & Processing Equipment	330	\$68,885	\$0	\$0	\$68,885
Stabilizer, Under-Reamer, Hole-Opener	341	\$22,597	\$0	\$0	\$22,597
Vapor Recovery System	349	\$0	\$0	\$20,000	\$20,000
Drilling Water	350	\$10,723	\$0	\$0	\$10,723
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	\$19,497	\$35,000	\$0	\$54,497
Subtotal - Intangibles		\$4,863,214	\$6,992,000	\$213,200	\$10,268,414
TANGIBLES			880	881	883
Oil Measurement Equipment	332	\$0	\$0	\$0	\$0
Line Pipe & Battery Fittings	336	\$0	\$0	\$0	\$0
Separators	340	\$0	\$0	\$34,000	\$34,000
Stock Tanks	345	\$0	\$0	\$68,000	\$68,000
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)	806	\$72,000	\$0	\$0	\$72,000
Pipe Intermediate Casing	609	\$0	\$0	\$0	\$0
Production Casing/Liner (\$29 / ft)	610	\$572,286	\$0	\$0	\$572,286
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		\$601,786	\$14,000	\$182,500	\$808,286
AFE TOTAL		\$4,775,000	\$8,006,000	\$405,700	\$11,186,700

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

PREPARED BY: B Crump

NAME: \_\_\_\_\_  
 PRINTED NAME: \_\_\_\_\_  
 TITLE: \_\_\_\_\_

COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_



CD-2013-3719-T