


Well Name: 29 & 32 17N-8W					
STACK	AFE Drill Days = 24				
PROJECT DESCRIPTION & OBJECTIVE:					
		PROPOSED TD: 8,650 TVD / 19,160 MD			
		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	\$50,000	\$30,000	\$0	\$80,000
Cased Hole Electric Wireline	102	\$0	\$460,000	\$0	\$460,000
Services - Casing Crews and Running Tools	103	\$60,000	\$50,000	\$0	\$110,000
Services Cementing/Coil Tubing Unit	105	\$175,000		\$0	\$175,000
Communications	109	\$8,000		\$0	\$8,000
Consultants	110	\$110,000	\$150,000	\$3,000	\$263,000
Core / Fluid Analysis	111	\$0		\$0	\$0
Directional Drilling Operations	113	\$350,000		\$0	\$350,000
Environmental & Safety Services	117	\$1,500	\$35,000	\$0	\$36,500
Fishing Services	119	\$0		\$0	\$0
Fluids Disposal (includes transportation)	120	\$75,000	\$20,000	\$0	\$95,000
Services Formation Evaluation	121	\$0		\$0	\$0
Formation Stimulation - Fracturing	122		\$2,720,000	\$0	\$2,720,000
Formation Stimulation - Other	123		\$20,000	\$0	\$20,000
Inspection - Bottom Hole Assembly	129	\$5,000		\$0	\$5,000
Inspection - Casing	130	\$5,000		\$0	\$5,000
Inspection - Drill Pipe	131	\$25,000		\$0	\$25,000
Inspection - Tubing	133	\$0	\$11,000	\$0	\$11,000
Installation / Removal - Pipeline	135			\$50,000	\$50,000
Labor - Company Supervision	139	\$0		\$0	\$0
Company Labor	140	\$		\$2,000	\$2,000
Labor - Contract Employees	141	\$0		\$0	\$0
Location Preparation	143	\$150,000	\$1,000	\$0	\$151,000
Location Remediation & Maintenance	144	\$250,000	\$12,500	\$0	\$262,500
Services Miscellaneous	146	\$0	\$6,500	\$0	\$6,500
Mud Logging Services	147	\$25,000		\$0	\$25,000
Drilling & Completion Rig Costs	150	\$550,000	\$115,000	\$14,000	\$679,000
Drilling Well Turnkey Costs	152	\$0		\$0	\$0
Rig Mobilization & De-Mobilization	153	\$200,000		\$0	\$200,000
Security Services	154	\$0	\$15,000	\$0	\$15,000
Slickline Services	155	\$0		\$0	\$0
Survey - Location	156	\$1,500		\$0	\$1,500
Survey - Well (not associated with directional drilling)	157	\$0		\$0	\$0
Testing - Well Control Equipment	160	\$10,000	\$8,000	\$0	\$18,000
Transportation - Land	162	\$11,000	\$25,000	\$13,000	\$49,000
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$0		\$0	\$0
Services Welding	166	\$4,500		\$0	\$4,500
Drill Bits	301	\$120,000	\$10,000	\$0	\$130,000
Blow-Out Preventor	302	\$17,000	\$50,000	\$0	\$67,000
Completion Fluids	304		\$5,000	\$0	\$5,000
Cranes	307	\$	\$10,000	\$10,000	\$20,000
Drill String	310	\$10,000		\$0	\$10,000
Fuel	313	\$100,000	\$235,000	\$0	\$335,000
Gas Measurement	317	\$		\$13,000	\$13,000
Rent Lost in Hole	325	\$0		\$0	\$0
Rent Miscellaneous Surface Equipment	328	\$12,000	\$165,000	\$72,000	\$249,000
Mud - Drilling	329	\$400,000		\$0	\$400,000
Mud Monitoring & Processing Equipment	330	\$70,000		\$0	\$70,000
Stabilizer, Under-Reamer, Hole-Opener	341	\$15,000		\$0	\$15,000
Vapor Recovery System	349	\$		\$20,000	\$20,000
Drilling Water	350	\$20,000	\$480,000	\$0	\$500,000
Water Handling Equipment	351	\$		\$16,000	\$16,000
Drilling Insurance	501	\$10,000		\$0	\$10,000
Legal Fees	503	\$15,000		\$0	\$15,000
Regulatory Compliance	511	\$1,500		\$0	\$1,500
Overhead	965	\$13,000		\$0	\$13,000
Subtotal - Intangibles		\$2,870,000	\$4,634,000	\$213,000	\$7,717,000
TANGIBLES		880	881	883	
Oil Measurement Equipment	332			\$0	\$0
Line Pipe & Battery Fittings	335			\$0	\$0
Separators	340			\$34,000	\$34,000
Stock Tanks	345			\$58,000	\$58,000
Treaters	347			\$0	\$0
Artificial Lift	601			\$25,000	\$25,000
Casing Accessories	602	\$50,000			\$50,000
Packers / Anchors / Liner Hangers	604	\$0		\$0	\$0
Water Casing (Conductor Casing)	607	\$10,000			\$10,000
Pipe Surface Casing (\$40 / ft)	608	\$60,000			\$60,000
Pipe Intermediate Casing	609	\$0			\$0
Production Casing/Liner (\$26 / ft)	610	\$500,000		\$0	\$500,000
Pipe Casing Liner	611	\$0			\$0
Tubing	613			\$68,000	\$68,000
Rods	614			\$0	\$0
Tubing Accessories	616			\$8,000	\$8,000
Wellhead	617	\$30,000	\$30,000		\$60,000
Subtotal - Tangibles		\$650,000	\$30,000	\$193,000	\$873,000
AFE TOTAL		\$3,520,000	\$4,664,000	\$406,000	\$8,590,000

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: M Patten

NAME: _____
 PRINTED NAME: _____
 TITLE: _____

COMPANY: _____
 DATE: _____



8/31/15 CC

CD 15-3761T