


Well Name: Duffy 1H-5X					
STACK	AFE Drill Days = 20				
PROJECT DESCRIPTION & OBJECTIVE:					
		AFE #:	DATE: 6-15-15		
		PROPOSED TC	8,155' TVD / 18,530' 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	\$42,000	\$0	\$0	\$42,000
Cased Hole Electric Wireline	102	\$0	\$292,500	\$0	\$292,500
Services - Casing Crews and Running Tools	103	\$35,000	\$0	\$0	\$35,000
Services Cementing/Coil Tubing Unit	105	\$125,000	\$0	\$0	\$125,000
Communications	109	\$6,750	\$0	\$0	\$6,750
Consultants	110	\$90,000	\$100,000	\$3,000	\$193,000
Core / Fluid Analysis	111	\$0	\$0	\$0	\$0
Directional Drilling Operations	113	\$300,000		\$0	\$300,000
Environmental & Safety Services	117	\$2,010	\$0	\$0	\$2,010
Fishing Services	119	\$0	\$0	\$0	\$0
Fluids Disposal (includes transportation)	120	\$110,010	\$0	\$0	\$110,010
Services Formation Evaluation	121	\$0		\$0	\$0
Formation Stimulation - Fracturing	122		\$2,900,000	\$0	\$2,900,000
Formation Stimulation - Other	123		\$400,000	\$0	\$400,000
Inspection - Bottom Hole Assembly	129	\$5,000		\$0	\$5,000
Inspection - Casing	130	\$0	\$0	\$0	\$0
Inspection - Drill Pipe	131	\$25,000		\$0	\$25,000
Inspection - Tubing	133	\$0	\$0	\$0	\$0
Installation / Removal - Pipeline	135			\$50,000	\$50,000
Labor - Company Supervision	139	\$0	\$100,000	\$0	\$100,000
Company Labor	140	\$-	\$-	\$2,000	\$2,000
Labor - Contract Employees	141	\$0	\$52,750	\$0	\$52,750
Location Preparation	143	\$190,000	\$50,000	\$0	\$240,000
Location Remediation & Maintenance	144	\$160,000	\$25,000	\$0	\$185,000
Services Miscellaneous	146	\$0	\$200,000	\$0	\$200,000
Mud Logging Services	147	\$22,500		\$0	\$22,500
Drilling & Completion Rig Costs	150	\$583,124	\$275,000	\$14,000	\$872,124
Drilling Well Turnkey Costs	152	\$0		\$0	\$0
Rig Mobilization & De-Mobilization	153	\$165,000	\$0	\$0	\$165,000
Security Services	154	\$0	\$0	\$0	\$0
Slickline Services	155	\$0	\$0	\$0	\$0
Survey - Location	156	\$1,500		\$0	\$1,500
Survey - Well (not associated with directional drilling)	157	\$0	\$0	\$0	\$0
Testing - Well Control Equipment	160	\$20,000	\$0	\$0	\$20,000
Transportation - Land	162	\$9,900	\$0	\$13,000	\$22,900
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$0	\$0	\$0	\$0
Services Welding	166	\$3,500	\$0	\$0	\$3,500
Drill Bits	301	\$120,000	\$175,000	\$0	\$295,000
Blow-Out Preventor	302	\$30,000	\$0	\$0	\$30,000
Completion Fluids	304		\$43,750	\$0	\$43,750
Cranes	307	\$-	\$-	\$10,000	\$10,000
Drill String	310	\$0	\$0	\$0	\$0
Fuel	313	\$88,482	\$10,000	\$0	\$98,482
Gas Measurement	317	\$-	\$-	\$13,200	\$13,200
Rent Lost in Hole	325	\$0	\$0	\$0	\$0
Rent Miscellaneous Surface Equipment	328	\$10,750	\$300,000	\$72,000	\$382,750
Mud - Drilling	329	\$342,984		\$0	\$342,984
Mud Monitoring & Processing Equipment	330	\$57,000		\$0	\$57,000
Stabilizer, Under-Reamer, Hole-Opener	341	\$12,000	\$0	\$0	\$12,000
Vapor Recovery System	349	\$-	\$-	\$20,000	\$20,000
Drilling Water	350	\$18,000	\$0	\$0	\$18,000
Water Handling Equipment	351	\$-	\$-	\$16,000	\$16,000
Drilling Insurance	501	\$0		\$0	\$0
Legal Fees	503	\$0	\$0	\$0	\$0
Regulatory Compliance	511	\$0		\$0	\$0
Overhead	965	\$10,500	\$0	\$0	\$10,500
Subtotal - Intangibles		\$2,586,009	\$4,924,000	\$213,200	\$7,723,209
TANGIBLES		880	881	883	
Oil Measurement Equipment	332		\$0	\$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	\$26,000			\$26,000
Packers / Anchors / Liner Hangers	604	\$0		\$0	\$0
Water Casing (Conductor Casing)	607	\$10,000			\$10,000
Pipe Surface Casing	608	\$42,000			\$42,000
Pipe Intermediate Casing	609	\$0			\$0
Production Casing/Liner	610	\$486,512		\$0	\$486,512
Pipe Casing Liner	611	\$0			\$0
Tubing	613			\$68,000	\$68,000
Rods	614			\$0	\$0
Tubing Accessories	616			\$7,500	\$7,500
Wellhead	617	\$22,000			\$22,000
Subtotal - Tangibles		\$586,512	\$0	\$192,500	\$779,012
AFE TOTAL		\$3,172,521	\$4,924,000	\$405,700	\$8,502,221

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: _____



6-16-15