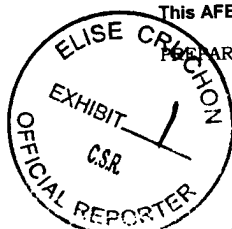


Well Name: 17N-8W-13&24		NEWFIELD 	
STACK	AFE Drill Days = 24		
PROJECT DESCRIPTION & OBJECTIVE:		AFE #:	
		PROPOSED TD: 8,050 TVD / 18,250 MD	
		AFE TYPE: Drill and Complete	
		Original	

DETAIL OF ESTIMATED EXPENDITURES	COST CODE	DRILLING 880	COMPLETION 881	COMPLETION 883	TOTAL
INTANGIBLES					
Base / Field Office Operations (housing, utilities, trash etc.)	101	\$40,558	\$30,000	\$0	\$70,558
Cased Hole Electric Wireline	102	\$0	\$460,000	\$0	\$460,000
Services - Casing Crews and Running Tools	103	\$45,000	\$50,000	\$0	\$95,000
Services Cementing/Coil Tubing Unit	105	\$175,000	\$0	\$0	\$175,000
Communications	109	\$7,605	\$0	\$0	\$7,605
Consultants	110	\$108,156	\$150,000	\$3,000	\$261,156
Core / Fluid Analysis	111	\$0	\$0	\$0	\$0
Directional Drilling Operations	113	\$337,986	\$0	\$0	\$337,986
Environmental & Safety Services	117	\$1,352	\$35,000	\$0	\$36,352
Fishing Services	119	\$0	\$0	\$0	\$0
Fluids Disposal (includes transportation)	120	\$74,357	\$20,000	\$0	\$94,357
Services Formation Evaluation	121	\$0	\$0	\$0	\$0
Formation Stimulation - Fracturing	122	\$0	\$2,720,000	\$0	\$2,720,000
Formation Stimulation - Other	123	\$0	\$20,000	\$0	\$20,000
Hot Oiling Services	128	\$0	\$9,000	\$0	\$9,000
Inspection - Bottom Hole Assembly	129	\$5,000	\$0	\$0	\$5,000
Inspection - Casing	130	\$5,000	\$0	\$0	\$5,000
Inspection - Drill Pipe	131	\$25,000	\$0	\$0	\$25,000
Inspection - Tubing	133	\$0	\$2,000	\$0	\$2,000
Installation / Removal - Pipeline	135	\$0	\$0	\$50,000	\$50,000
Labor - Company Supervision	139	\$0	\$0	\$0	\$0
Company Labor	140	\$0	\$0	\$2,000	\$2,000
Labor - Contract Employees	141	\$0	\$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	\$25,919	\$0	\$0	\$25,919
Drilling & Completion Rig Costs (\$19,135 / day)	150	\$551,062	\$115,000	\$14,000	\$680,062
Drilling Well Turnkey Costs	152	\$0	\$0	\$0	\$0
Rig Mobilization & De-Mobilization	153	\$200,000	\$0	\$0	\$200,000
Security Services	154	\$0	\$15,000	\$0	\$15,000
Slickline Services	155	\$0	\$0	\$0	\$0
Survey - Location	156	\$1,500	\$0	\$0	\$1,500
Survey - Well (not associated with directional drilling)	157	\$0	\$0	\$0	\$0
Testing - Well Control Equipment	160	\$7,500	\$8,000	\$0	\$15,500
Transportation - Land	162	\$11,154	\$25,000	\$13,000	\$49,154
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	\$10,000	\$0	\$130,000
Blow-Out Preventor	302	\$16,899	\$50,000	\$0	\$66,899
Completion Fluids	304	\$0	\$5,000	\$0	\$5,000
Cranes	307	\$0	\$10,000	\$10,000	\$20,000
Drill String	310	\$7,500	\$0	\$0	\$7,500
Fuel	313	\$94,750	\$235,000	\$0	\$329,750
Gas Measurement	317	\$0	\$0	\$13,200	\$13,200
Rent Lost in Hole	325	\$0	\$0	\$0	\$0
Rent Miscellaneous Surface Equipment	328	\$12,080	\$165,000	\$72,000	\$249,080
Mud - Drilling	329	\$384,595	\$0	\$0	\$384,595
Mud Monitoring & Processing Equipment	330	\$64,217	\$0	\$0	\$64,217
Stabilizer, Under-Reamer, Hole-Opener	341	\$13,519	\$0	\$0	\$13,519
Vapor Recovery System	349	\$0	\$0	\$20,000	\$20,000
Drilling Water	350	\$20,279	\$480,000	\$0	\$500,279
Water Handling Equipment	351	\$0	\$0	\$16,000	\$16,000
Drilling Insurance	501	\$10,000	\$0	\$0	\$10,000
Legal Fees	503	\$15,000	\$0	\$0	\$15,000
Regulatory Compliance	511	\$1,500	\$0	\$0	\$1,500
Overhead	965	\$13,012	\$0	\$0	\$13,012
Subtotal - Intangibles		\$2,799,000	\$4,634,000	\$213,200	\$7,646,200
TANGIBLES					
Oil Measurement Equipment	332	\$0	\$0	\$0	\$0
Line Pipe & Battery Fittings	335	\$0	\$0	\$0	\$0
Separators	340	\$0	\$34,000	\$0	\$34,000
Stock Tanks	345	\$0	\$58,000	\$0	\$58,000
Treaters	347	\$0	\$0	\$0	\$0
Artificial Lift	601	\$0	\$25,000	\$0	\$25,000
Casing Accessories	602	\$46,000	\$0	\$0	\$46,000
Packers / Anchors / Liner Hangers	604	\$0	\$0	\$0	\$0
Water Casing (Conductor Casing)	607	\$10,000	\$0	\$0	\$10,000
Pipe Surface Casing (\$40 / ft)	608	\$42,000	\$0	\$0	\$42,000
Pipe Intermediate Casing	609	\$0	\$0	\$0	\$0
Production Casing/Liner (\$26 / ft)	610	\$481,000	\$0	\$0	\$481,000
Pipe Casing Liner	611	\$0	\$0	\$0	\$0
Tubing	613	\$0	\$68,000	\$0	\$68,000
Rods	614	\$0	\$0	\$0	\$0
Tubing Accessories	616	\$0	\$7,500	\$0	\$7,500
Wellhead	617	\$22,000	\$30,000	\$0	\$52,000
Subtotal - Tangibles		\$601,000	\$30,000	\$192,500	\$823,500
AFE TOTAL		\$3,400,000	\$4,664,000	\$405,700	\$8,469,700

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 (9-14-2015)



NAME: _____
 PRINTED NAME: _____
 TITLE: _____

COMPANY: _____
 DATE: _____

(P W) 1509019-T

9-22-15