

ALAN 1H-13X (SEC 13 & 24-16N-9W) STACK AFE Days = 34 PROJECT DESCRIPTION & OBJECTIVE: Drill 10,000+ LOL			
		AFE #: PROPOSED TD: TVD 8,960' / MD 19,210' AFE TYPE: Drill and Complete Original	

DETAIL OF ESTIMATED EXPENDITURES	COST CODE	DRILLING 880	COMPLETION 881	FACILITY 883	TOTAL
INTANGIBLES		880	881	883	
Base / Field Office Operations (housing, utilities, trash etc.)	101	\$56,109	\$0	\$0	\$56,109
Cased Hole Electric Wireline	102	\$0	\$400,000	\$0	\$400,000
Services - Casing Crews and Running Tools	103	\$82,000	\$115,500	\$0	\$197,500
Services Cementing/Coil Tubing Unit	105	\$177,000	\$0	\$0	\$177,000
Communications	109	\$7,981	\$0	\$0	\$7,981
Consultants	110	\$0	\$180,000	\$5,000	\$185,000
Core / Fluid Analysis	111	\$0	\$0	\$0	\$0
Directional Drilling Operations	113	\$262,875	\$0	\$0	\$262,875
Environmental & Safety Services	117	\$27,205	\$0	\$0	\$27,205
Fishing Services	119	\$0	\$0	\$0	\$0
Fluids Disposal (includes transportation)	120	\$20,404	\$0	\$0	\$20,404
Services Formation Evaluation	121	\$80,000	\$0	\$0	\$80,000
Formation Stimulation - Fracturing	122	\$0	\$3,300,000	\$0	\$3,300,000
Formation Stimulation - Other	123	\$0	\$450,000	\$0	\$450,000
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	\$10,000	\$10,000
Installation / Removal - Pipeline	135	\$0	\$0	\$0	\$0
Labor - Company Supervision	139	\$136,025	\$200,000	\$0	\$336,025
Company Labor	140	\$0	\$0	\$0	\$0
Labor - Contract Employees	141	\$0	\$0	\$57,000	\$57,000
Location Preparation	143	\$135,000	\$25,000	\$19,000	\$179,000
Location Remediation & Maintenance	144	\$266,060	\$50,000	\$0	\$316,060
Services Miscellaneous	146	\$136,522	\$150,000	\$0	\$286,522
Mud Logging Services	147	\$26,288	\$0	\$0	\$26,288
Drilling & Completion Rig Costs (\$26,800 / day)	150	\$777,368	\$500,000	\$14,000	\$1,291,368
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	\$33,205	\$15,000	\$10,000	\$58,205
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$0	\$0	\$0	\$0
Services Welding	166	\$7,500	\$0	\$0	\$7,500
Drill Bits	301	\$190,000	\$225,000	\$0	\$415,000
Blow-Out Preventor	302	\$34,705	\$0	\$0	\$34,705
Completion Fluids	304	\$0	\$10,000	\$0	\$10,000
Cranes	307	\$0	\$0	\$10,000	\$10,000
Drill String	310	\$57,302	\$0	\$0	\$57,302
Fuel	313	\$240,979	\$10,000	\$0	\$250,979
Gas Measurement	317	\$0	\$0	\$30,000	\$30,000
Rent Lost in Hole	325	\$0	\$0	\$0	\$0
Rent Miscellaneous Surface Equipment	328	\$35,106	\$300,000	\$18,000	\$353,106
Mud - Drilling	329	\$282,570	\$0	\$0	\$282,570
Mud Monitoring & Processing Equipment	330	\$78,413	\$0	\$0	\$78,413
Stabilizer, Under-reamer, Hole-Opener	341	\$20,603	\$0	\$0	\$20,603
Vapor Recovery System	349	\$0	\$0	\$18,000	\$18,000
Drilling Water	350	\$9,352	\$0	\$0	\$9,352
Water Handling Equipment	351	\$0	\$0	\$0	\$0
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	\$17,003	\$125,000	\$0	\$142,003
Subtotal - Intangibles		\$3,538,200	\$6,055,500	\$191,000	\$9,784,700
TANGIBLES		880	881	883	
Oil Measurement Equipment	332	\$0	\$0	\$0	\$0
Line Pipe & Battery Fittings	335	\$0	\$0	\$99,000	\$99,000
Separators	340	\$0	\$0	\$25,000	\$25,000
Stock Tanks	345	\$0	\$0	\$62,000	\$62,000
Treaters	347	\$0	\$0	\$58,000	\$58,000
Artificial Lift	601	\$0	\$0	\$100,000	\$100,000
Casing Accessories	602	\$25,000	\$0	\$0	\$25,000
Packers / Anchors / Liner Hangers	604	\$0	\$0	\$10,000	\$10,000
Water Casing (Conductor Casing)	607	\$0	\$0	\$0	\$0
Pipe Surface Casing (\$48 / ft)	608	\$72,000	\$0	\$0	\$72,000
Pipe Intermediate Casing	609	\$0	\$0	\$0	\$0
Production Casing/Liner (\$29 / ft)	610	\$542,300	\$0	\$0	\$542,300
Pipe Casing Liner	611	\$0	\$0	\$0	\$0
Tubing	613	\$0	\$0	\$90,000	\$90,000
Rods	614	\$0	\$0	\$0	\$0
Tubing Accessories	616	\$0	\$0	\$0	\$0
Wellhead	617	\$22,500	\$0	\$0	\$22,500
Subtotal - Tangibles		\$661,800	\$0	\$444,000	\$1,105,800
AFE TOTAL		\$4,200,000	\$6,055,500	\$635,000	\$10,890,500

Prepared By Brent Peoples Date Modified 12/23/2014	Prepared By Cody Bass Date Modified 12/23/2014	Prepared By Pablo Cardenas Date Modified 12/26/2014
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This AFE is only an estimate. By returning one signed copy the undersigned hereby agrees to pay it share of the all actual cost incurred

NAME: _____
 PRINTED NAME: _____
 TITLE: _____

COMPANY: _____
 DATE: _____

1-6-15

CD 2014-9075