

201501826



Operator: Felix Energy LLC  
 Well Name: Columbine 15-4AH  
 Proposed TD: 15815' MD/10520' TVD  
 Location: 15 - 15N - 10W  
 Purpose: Drill, complete & equip horizontal well

Date: 1/27/2015  
 Field:  
 County, State: Blaine, OK  
 Objective: Miss  
 AFE No.:

Intangibles		Drilling (830)	Completion (840)	Facility (840)	Total
010	Permits, Licenses, Etc	6,000			6,000
020	Staking & Surveying	8,000			8,000
025	Road, Locations	70,000	20,000	5,000	95,000
030	Damages	50,000			50,000
035	Mobilization/Demobilization	197,000			197,000
040	Daywork Contract 23 days @ \$17000	396,775			396,775
045	Footage Contract				
050	Mouse/Rathole/Conduct Pipe	15,050			15,050
055	Directional Drilling & Surveying	249,000			249,000
060	Bits, Tools, Stabilizers	70,260	27,000		97,260
065	Fuel, Power	107,188	8,750		115,938
070	Drill Water	8,700			8,700
075	Mud & Chemicals	230,000			230,000
080	Mud Logging	25,200			25,200
085	Drill Stem Testing				
090	Core Analysis				
095	Openhole Logging				
100	Cement Services/Float Equip	145,000			145,000
105	Transportation, Trucking	26,600	35,000		61,600
110	Casing Crew & Equipment	52,913			52,913
115	Welding Services	15,000	5,000	10,000	30,000
120	Contract Labor	25,000	15,000		40,000
125	Rental Equipment	119,675	188,000	5,000	312,675
130	Completion Rig		72,000		72,000
135	Coiled Tubing				
140	Cased Hole Logs & Surveys		6,500		6,500
145	Perforating/Wireline Services		245,000		245,000
150	Miscellaneous	75,000	100,000		175,000
155	Acidizing/Fracturing 20 stg plug & perf - Slickwater		2,206,150		2,206,150
160	Well Testing		50,000		50,000
165	Completion Fluids		15,000		15,000
170	Other Services	197,050	63,500		260,550
175	Supervision	133,400	89,100		222,500
180	Overhead	11,426	6,000		17,426
185	Well Control Insurance	15,815			15,815
190	Legal, Title Services	3,000			3,000
195	P&A Costs				
200	Contingency	67,592	78,800		146,392
Subtotal - Intangibles		2,320,643	3,230,800	20,000	5,571,443
Tangibles		Drilling (850)	Completion (860)	Facility (860)	Total
010	Conductor Casing				
015	Surface Casing 1950' 9.625 40# K-55 STC	48,750			48,750
120	Intermediate Casing 9032' 7 32# P-110 BTC	275,460			275,460
125	Drilling Liner				
130	Production Casing				
135	Production Liner 6833' 4.5 13.5# P-110 BTC	88,829			88,829
140	Production Tubing 8552' 2.875in Prod Tubing		47,464		47,464
145	Wellhead Equipment	22,000	15,000		37,000
150	Float Equip/Liner Hanger				
155	Nipple/ Valve/ Fitting/Flowline			45,000	45,000
160	Subsurface Equipment		15,000		15,000
165	Surface Equipment			156,300	156,300
170	Supervision			21,600	21,600
175	Hauling			5,000	5,000
180	Compressors				
185	Artificial Lift (surface)				
186	Artificial Lift (downhole)		20,000		20,000
190	Power				
195	Flow Lines			15,000	15,000
200	Pipeline & Metering			15,000	15,000
205	Misc & TCC Contingency				
300	Build Battery			32,000	32,000
Subtotal - Tangibles		435,039	97,464	289,900	822,403
Total AFE		2,755,682	3,328,264	309,900	6,393,845



MAY 5 2015

Felix Energy LLC Approval

Approved by:

Date: 3-26-15

Working Interest Owner Approval

Approved by:

Date: 5/5/2015

THIS AFE IS ONLY AN ESTIMATE. BY RETURNING ONE SIGNED COPY, PARTY AGREES TO PAY ITS WORKING INTEREST SHARE OF ACTUAL COSTS INCURRED.