

Operator: Well Name: Proposed TD: Location:

Felix Energy LLC
Whistle Pig 10-1H
14421' MD/9315' TVD
10-13N-7W
Drill, complete & equip horizontal well Purpose:

9/16/2014 Date: Field: County, State: Objective: AFE No.:

Kingfisher, OK 0

	bles	Orilling (830)	Completion (840)	Facility (840)	Total
010	Permits, Licenses, Etc	6,000			6,000
020	Staking & Surveying	8,000			8,000
025	Road, Locations	150,000	30,000	5,000	185,000
030	Damages	50,000			50,000
035	Mobilization/Demobilization	264,000			264,000
040	Daywork Contract 23 days @ \$23500	546,550	-		546,550
045	Footage Contract	-			-
050	Mouse/Rathole/Conduct Pipe	15,500			15,50
055	Directional Drilling & Surveying	282,000			282,000
060	Bits, Tools, Stabilizers	93,526	42,000		135,52
065	Fuel, Power	137,200	8,750		145,95
070	Drill Water	17,400	0,750		17,40
075	Mud & Chemicals	345,000			345,00
080	Mud Logging	24,000			24,00
085	Drill Stem Testing	24,000			24,00
cale to be able to the		: 1			
090	Core Analysis				
095	Openhole Logging	- 1			
100	Cement Services/Float Equip	145,000			145,00
105	Transportation, Trucking	64,800	25,000		89,80
110	Casing Crew & Equipment	47,803	- 1		47,80
115	Welding Services	15,000	5,000	10,000	30,00
120	Contract Labor	25,000	10,000		35,00
125	Rental Equipment	125,575	175,000	10,000	310,57
130	Completion Rig		115,500		115,50
135	Coiled Tubing		- 11		
140	Cased Hole Logs & Surveys	-	10,000		10,00
145	Perforating/Wireline Services		200,000		200,00
150	Miscellaneous	75,000	250,000		325,00
155	Acidizing/Fracturing 20 stg plug & perf - Slickwater	10,000	2,302,850		2,302,85
160	Well Testing		50,000		50,00
165	Completion Fluids		20,000		20,00
		301,175			388,67
170	Other Services		87,500		208,10
175	Supervision	107,300	100,800		
180	Overhead	11,426	6,000		17,42
185	Well Control Insurance	14,421			14,42
190	Legal, Title Services	3,000			3,00
195	P&A Costs				
200	Contingency	258,721	257,880		516,60
	Subtotal - Intangibles	3,133,396	3,696,280	25,000	6,854,670
angible	es	Drilling (850)	Completion (860)	Facility (860)	Total
010	Conductor Casing	(030)	(000)	(000)	
		36 888			36,99
015	Surface Casing 1500' 9 675 40# K-55 STC				
015	Surface Casing 1500' 9.625 40# K-55 STC	36,990			30,33
120	Intermediate Casing	36,990			30,55
120 125	Intermediate Casing Drilling Liner	-			
120 125 130	Intermediate Casing Drilling Liner Production Casing 14421' 5.5 20# P-110 BTC	36,990			314,37
120 125 130 135	Intermediate Casing Drilling Liner Production Casing 14421' 5.5 20# P-110 BTC Production Liner	-			314,37
120 125 130 135 140	Intermediate Casing	314,378	36,142		314,37 - 36,14
120 125 130 135 140 145	Intermediate Casing Drilling Liner Production Casing Production Liner Production Tubing Wellhead Equipment Intermediate Casing 14421' 5.5 20# P-110 BTC 9100 ft of 2-3/8"	-	36,142 15,000		
120 125 130 135 140 145 150	Intermediate Casing Drilling Liner Production Casing Production Casing 14421' 5.5 20# P-110 BTC Production Tubing Production Tubing 9100 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger	314,378	Company of the Compan		314,37 36,14 37,00
120 125 130 135 140 145 150	Intermediate Casing Drilling Liner Production Casing 14421' 5.5 20# P-110 BTC Production Liner Production Tubing 9100 ft of 2-3/8" Weilhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline	314,378	15,000	60,000	314,37 36,14 37,00
120 125 130 135 140 145 150	Intermediate Casing Drilling Liner Production Casing Production Casing 14421' 5.5 20# P-110 BTC Production Tubing Production Tubing 9100 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger	314,378	Company of the Compan		314,37 36,14 37,00 - 60,00 20,00
120 125 130 135 140 145 150	Intermediate Casing Drilling Liner Production Casing 14421' 5.5 20# P-110 BTC Production Liner Production Tubing 9100 ft of 2-3/8" Weilhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline	314,378	15,000	196,100	314,37 36,14 37,00 60,00 20,00
120 125 130 135 140 145 150 155	intermediate Casing Drilling Liner Production Casing Production Liner Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment	314,378	15,000	196,100 21,600	314,37,00 36,14 37,00 - 60,00 20,00 196,10 21,60
120 125 130 135 140 145 150 155 160	Intermediate Casing Drilling Liner Production Casing Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment	314,378	20,000	196,100	314,37,00 36,14 37,00 - 60,00 20,00 196,10 21,60
120 125 130 135 140 145 150 155 160 165 170 175 180	Intermediate Casing Drilling Liner Production Casing Production Casing 14421' 5.5 20# P-110 BTC Production Tubing 9100 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Suprace Equipment Suprace Equipment Supervision Hauling Compressors	314,378	20,000	196,100 21,600	314,37,00 36,14 37,00 - 60,00 20,00 196,10 21,60
120 125 130 135 140 145 150 155 160 165 170	Intermediate Casing Drilling Liner Production Casing Production Liner Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Supervision Hauling	314,378	20,000	196,100 21,600	314,37 36,14 37,00 - 60,00 20,00 196,11 21,60 5,00
120 125 130 135 140 145 150 155 160 165 170 175 180	Intermediate Casing Drilling Liner Production Casing Production Casing 14421' 5.5 20# P-110 BTC Production Tubing 9100 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Suprace Equipment Suprace Equipment Supervision Hauling Compressors	314,378	20,000	196,100 21,600	314,37 36,14 37,00 - 60,00 20,00 196,11 21,60 5,00
120 125 130 135 140 145 150 155 160 165 170 175 180	Intermediate Casing Drilling Liner Production Casing Production Liner Production Liner Production Tubing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (downhole)	314,378	20,000	196,100 21,600	314,37 36,14 37,00
120 125 130 135 140 145 150 160 165 170 175 180 185	Intermediate Casing Drilling Liner Production Casing Production Casing Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (surface)	314,378	20,000	196,100 21,600	314,33 36,14 37,00 60,00 20,00 196,10 21,60 5,00
120 125 130 135 140 145 150 155 160 165 170 175 180 185 186 190	intermediate Casing Drilling Liner Production Casing Production Casing Production Univer Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Flow Lines	314,378	20,000	196,100 21,600 5,000	314,37 36,14 37,00 - 60,00 20,00 196,11 21,60 5,00
120 125 130 135 140 145 150 155 160 165 170 175 180 185 186 190	intermediate Casing Drilling Liner Production Casing Production Liner Production Liner Production Tubing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Flow Lines Pipeline & Metering	314,378	20,000	196,100 21,600 5,000 - - 15,000	314,37 36,14 37,00 20,00 196,10 21,60 5,00
120 125 130 135 140 145 150 155 160 165 170 175 180 185 186 190 195 200 205	intermediate Casing Drilling Liner Production Casing Production Casing Production Liner Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Flow Lines Pipeline & Metering Misc & TCC Contingency	314,378	20,000	196,100 21,600 5,000 - - - 15,000 65,000	314,33 36,14 37,00 20,00 196,10 21,60 5,00 - - 20,00 15,00 65,00
120 125 130 135 140 145 150 155 160 165 170 175 180 185 186 190	intermediate Casing Drilling Liner Production Casing Production Liner Production Liner Production Tubing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Flow Lines Pipeline & Metering	314,378	20,000	196,100 21,600 5,000 - - 15,000	314,37 36,14 37,00 - 60,00 20,00

Approved by:		NOV 2 1 2014
Date: 9-12-14		TEH. W.
Working Interest Owner Approval Approved by:	STAU	The state of the s
Date:		EXHIBIT
THIS AFE IS ONLY AN ESTIMATE. BY RETURNING ONE SIGNED CO	PY, PARTY AGREES TO PAY ITS WORKING INTEREST SHARE OF ACTU	UAL COSTS INCURRED C.S.R.