

C 14 E K D	•			
Operator:	Felix Energy LLC	Date:	4/8/2014	
Well Name:	Baccarat 2920-4H	Field:		
Proposed TD:	19975' MD/9424' TVD	County, State:	Kingfisher, OK	
Location:	29 - 15N - 8W	Objective:	Meramec	
Purpose:	Drill, complete & equip horizontal well	AFE No.:		

	ntangibles		Completion (840)	Facility (840)	Total
010	Permits, Licenses, Etc	(830)	[840]	(840)	2
020	Staking & Surveying	3,000			
025	Road, Locations	250,000	75,000	5.000	330
030	Damages	30,000	73,000	3,000	30
035					
	Mobilization/Demobilization	188,000			188
_ 040	Daywork Contract	790,175	<del>-</del> -		790
045	Footage Contract				
050	Mouse/Rathole/Conduct Pipe	15,500			15,
055	Directional Drilling & Surveying	438,000			438,
060	Bits, Tools, Stabilizers	91,100	100,000		191,
065	Fuel, Power	200,900	99,750		300,
070	Drill Water	26,400			26,
075	Mud & Chemicals	234,000			234
080	Mud Logging	43,200			43
085	Drill Stem Testing				
				<del></del>	
090	Core Analysis				
095	Openhole Logging				
100	Cement Services/Float Equip	155,000			155
105	Transportation, Trucking	82,800	30,000		112
110	Casing Crew & Equipment	61,688	<u>-</u> . [		61
115	Welding Services	15,000	5,000	5,000	25
120	Contract Labor	25,000	10,000		35
125	Rental Equipment	377,622	150,000	10,000	537
130	Completion Rig	317,066	135,000	10,000	135
		<del></del>	100,000		100
135	Coiled Tubing				
140	Cased Hole Logs & Surveys		20,000		20
145	Perforating/Wireline Services		300,000		300
150	Miscellaneous	20,000	300,000		320
155	Acidizing/Fracturing	1	5,110,000	1	5,110
160	Well Testing		50,000		50
165	Completion Fluids		20,000		20
170	Other Services	280,950	120,000		400
				2 000	
175	Supervision	158,400	75,000	3,000	236
180	Overhead	17,336	6,000		23
185	Well Control Insurance	19,975			19
190	Legal, Title Services	3,000			3
195	P&A Costs		- }		
200	Contingency	229,388	435,874		665
	Subtotal - Intangibles	3,758,433	7,141,624	23,000	10,923,
		Drilling	Completion	Facility	
ngibles					
		(850)	(860)	(860)	Total
010	Conductor Casing	(850)	(860)	•	Total
010			(860)	•	
010 015	Surface Casing 1500' 9.625 36# K-55 STC	36,990	(860)	•	
010 015 120	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing		(860)	•	
010 015 120 125	Surface Casing 1500' 9.625 36# K-55 STC Intermediate Casing Drilling Liner	36,990	(860)	•	36
010 015 120 125 130	Surface Casing         1500' 9.625 36# K-S5 STC           Intermediate Casing         Drilling Liner           Production Casing         19975' 5.5 20# P-110 USF		(860)	•	36
010 015 120 125 130 135	Surface Casing         1500' 9.625 36# K-55 STC           Intermediate Casing         Drilling Liner           Production Casing         19975' 5.5 20# P-110 USF           Production Uner	36,990		•	36
010 015 120 125 130 135	Surface Casing         1500' 9.625 36# K-55 STC           Intermediate Casing         Drilling Liner           Production Casing         19975' 5.5 20# P-110 USF           Production Uner         Production Tubing           8,800 ft of 2-3/8"	36,990 	103,071	•	36 477
010 015 120 125 130 135 140 145	Surface Casing   1500' 9.625 36# K-S5 STC   Intermediate Casing   Drilling Liner   Production Casing   19975' 5.5 20# P-110 USF   Production Uner   Production Tubing   8,800 ft of 2-3/8"   Wellhead Equipment	36,990		•	36 477
010 015 120 125 130 135	Surface Casing         1500' 9.625 36# K-55 STC           Intermediate Casing         Drilling Liner           Production Casing         19975' 5.5 20# P-110 USF           Production Uner         Production Tubing           8,800 ft of 2-3/8"	36,990 	103,071	(860)	36 477 103 52
010 015 120 125 130 135 140 145	Surface Casing   1500' 9.625 36# K-S5 STC   Intermediate Casing   Drilling Liner   Production Casing   19975' 5.5 20# P-110 USF   Production Uner   Production Tubing   8,800 ft of 2-3/8"   Wellhead Equipment	36,990 	103,071	•	36 477 103 52
010 015 120 125 130 135 140 145	Surface Casing   1500' 9.625 36# K-55 STC	36,990 	103,071	(860)	36 477 103 52
010 015 120 125 130 135 140 145 150 155 160	Surface Casing   1500' 9.625 36# K-55 STC     Intermediate Casing   Drilling Liner	36,990 	103,071	(860)	36 477 103 52 50 20
010 015 120 125 130 135 140 145 150 155 160 165	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Casing 19975' 5.5 20# P-110 USF Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment	36,990 	103,071	(860) 60,000 135,000	36 477 103 52 60 20
010 015 120 125 130 135 140 145 150 165 170	Surface Casing 1500' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Casing 19975' 5.5 20# P-110 USF Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Supervision	36,990 	103,071	60,000 135,000 5,000	36 477 103 52 60 20 135 5
010 015 120 125 130 135 140 145 150 160 165 170 175	Surface Casing 1500' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Casing 19975' 5.5 20# P-110 USF Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Intermediate Subsurface Equipment Surface Intermediate Subsurface Equipment Surface Intermediate Surface Intermediate Subsurface Intermediate Surface Intermediate Interme	36,990 	103,071	(860) 60,000 135,000	36 477 103 52 60 20 135 5
010 015 120 125 130 135 140 145 150 155 160 165 170 175 180	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Casing 19975' 5.5 20# P-110 USF Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Capervision Hauling Compressors	36,990 	103,071	60,000 135,000 5,000 5,000	477 103 52 60 20 135 5
010 015 120 125 130 135 140 145 150 155 160 165 170 175 180	Surface Casing   1500' 9.625 36# K-S5 STC     Intermediate Casing   Drilling Liner     Production Casing   19975' 5.5 20# P-110 USF     Production Tubing   8,800 ft of 2-3/8"     Wellhead Equipment     Float Equip/Liner Hanger     Nipple/ Valve/ Fitting/Flowline     Subsurface Equipment     Surface Equipment     Surface Equipment     Surface Equipment     Surface Equipment     Surface Equipment     Compressors     Artificial Lift (surface)	36,990 	103,071 30,000 20,000	60,000 135,000 5,000	477 103 52 60 20 135 5 5
010 015 120 125 130 135 140 145 150 155 160 175 170 175 180 185	Surface Casing   1500' 9.625 36# K-55 STC     Intermediate Casing   1975' 5.5 20# P-110 USF     Production Casing   19975' 5.5 20# P-110 USF     Production Tubing   8,800 ft of 2-3/8"     Wellhead Equipment     Float Equip/Uner Hanger     Nipple/ Valve/ Fitting/Flowline     Subsurface Equipment     Surface Equipment     Surface Equipment     Surface Equipment     Compressors     Artificial Lift (surface)     Artificial Lift (downhole)	36,990 	103,071	60,000 135,000 5,000 30,000	36 477 103 52 60 20 135 5 5 30 40
010 015 120 125 130 135 140 145 150 155 160 165 170 175 180	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Unier Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Artificial Lift (surface) Artificial Lift (surface) Power	36,990 	103,071 30,000 20,000	60,000 135,000 5,000 5,000	36 477 103 52 60 20 135 5 5 30 40
010 015 120 125 130 135 140 145 150 155 160 175 170 175 180 185	Surface Casing   1500' 9.625 36# K-55 STC     Intermediate Casing   1975' 5.5 20# P-110 USF     Production Casing   19975' 5.5 20# P-110 USF     Production Tubing   8,800 ft of 2-3/8"     Wellhead Equipment     Float Equip/Uner Hanger     Nipple/ Valve/ Fitting/Flowline     Subsurface Equipment     Surface Equipment     Surface Equipment     Surface Equipment     Compressors     Artificial Lift (surface)     Artificial Lift (downhole)	36,990 	103,071 30,000 20,000	(860) 	477 103 52 60 20 135 5, 5 30 40
010 015 120 130 135 140 145 150 155 160 165 177 180 185 186 190	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Casing 19975' 5.5 20# P-110 USF Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Uner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (surface) Artificial Lift (downhole) Power Flow Lines	36,990 	103,071 30,000 20,000	60,000 135,000 5,000 30,000	477 103 52 60 20 135 5, 5 30 40
010 015 120 130 135 140 145 150 155 160 170 175 180 186 190	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Casing 19975' 5.5 20# P-110 USF Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Acquipment Surface Equipment Surface Equipment Surface Acquipment Surface Equipment Sur	36,990 	103,071 30,000 20,000	(860) 	36 477 103 52 60 20 135 5, 5 90 40 35
010 015 120 130 135 140 145 150 155 160 165 170 175 180 185 190 190 200	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Uner Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Flow Lines Pipeline & Metering Miss & ArtCC Contingency	36,990 	103,071 30,000 20,000	(860) 	36 477 103 52 60 20 135 5, 5 90 40 35
010 015 120 130 135 140 145 150 155 160 170 175 180 186 190	Surface Casing 1500' 9.625 36# K-S5 STC Intermediate Casing Drilling Liner Production Casing 19975' 5.5 20# P-110 USF Production Casing 19975' 5.5 20# P-110 USF Production Tubing 8,800 ft of 2-3/8" Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Acquipment Surface Equipment Surface Equipment Surface Acquipment Surface Equipment Sur	36,990 	103,071 30,000 20,000	(860) 60,000 135,000 5,000 30,000 35,000 85,000	477 103 52 60 20 135 5, 5 30 40

Felix Energy LLC Approval	
Approved by: 4/10/14  Date: 4/10/14  PART - 1	
Working Interest Owner Approval	
Approved by:	-f
Date:	ĺ
THIS AFE IS ONLY AN ESTIMATE. BY RETURNING ONE SIGNED COPY, PARTY AGREES TO PAY ITS WORKING INTEREST SHARE OF ACTUAL COSTS INCURRED.	- \( \)
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