

 Operator:
 Felix Energy LLC
 Date:
 9/28/2015

 Well Name:
 Ollie 14-1AH
 Field:

 Proposed TD:
 14706 MD/9411 TVD
 County, State:
 Canadian, OK

 Location:
 14 - 13N - 7W
 Objective:
 Wdfd

 Purpose:
 Drill, complete & equip horizontal well
 AFE No.:

ntangib	les	Drilling (830)	Completion (840)	Facility (840)	Total
010	Permits, Licenses, Etc	15,000			15,
020	Staking & Surveying	8,000			
025	Road, Locations	70,000	20,000	5,000	95,
030	Damages	50,000			50,
035	Mobilization/Demobilization	191,600			191,
040	Daywork Contract 20 days @ \$17700	358,950	-		358,
045	Footage Contract	-			
050	Mouse/Rathole/Conduct Pipe	15,050			15
055	Directional Drilling & Surveying	230,000			230,
060	Bits, Tools, Stabilizers	77,824	27,000		104
065	Fuel, Power	94,063	8,750		102
070	Drill Water	7,800	- 3,,30		7
075	Mud & Chemicals	247,000			247
080	Mud Logging	20,400			20
085	Drill Stem Testing				
090	Core Analysis				
095	Openhole Logging	·			
100	Cement Services/Float Equip	125,000	·		125,
105	Transportation, Trucking	25,400	40,000		65
110	Casing Crew & Equipment	49,765			49
115	Welding Services	15,000	5,000	10,000	30
120	Contract Labor	25,000	25,000		50
125	Rental Equipment	89,800	183,500	5,000	278
130	Completion Rig	35,000	72,000	2,000	72
135	Coiled Tubing		72,000		
140	Cased Hole Logs & Surveys		6,500		6,
145	Perforating/Wireline Services		211,400		211
150	Miscellaneous	150,000	100,000		250,
155	Acidizing/Fracturing Plug & perf - Slickwater		1,860,900		1,860,
160	Well Testing		50,000		50,
165	Completion Fluids		15,000		15,
170	Other Services	185,210	63,500		248,
175	Supervision	143,000	102,400		245
180	Overhead	10,244	6,000		16,
185	Well Control Insurance	22,059	5,555		22,
190	Legal, Title Services	40,000			40,
195	P&A Costs	40,000			40,
200	Contingency	67,985	69,924		137,
				20,000	
	Subtotal - Intangibles	2,334,149	2,866,874	20,000	5,221,0
ingible	s	Drilling (850)	Completion (860)	Facility (860)	Total
				1000)	
010	Conductor Casing				
015	Surface Casing 2000' 9.625 36# K-55 STC	56,000			56,
015 120	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing	56,000			56,
015	Surface Casing 2000' 9.625 36# K-55 STC	56,000			56,
015 120	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner				
015 120 125	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner	56,000 - - - 338,238			
015 120 125 130	Surface Casing	338,238	40.467		338,
015 120 125 130 135 140	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing	338,238	40,467		338,
015 120 125 130 135 140 145	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment	338,238	40,467 15,000		338,
015 120 125 130 135 140 145	Surface Casing	338,238			338, 40, 37,
015 120 125 130 135 140 145 150	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline	338,238	15,000	45,000	338, 40, 37, 45,
015 120 125 130 135 140 145 150 155	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment	338,238			338, 40, 37, 45, 15,
015 120 125 130 135 140 145 150 155 160	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Uner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Subsurface Equipment	338,238	15,000	156,300	338, 40, 37, 45, 15,
015 120 125 130 135 140 145 150 155 160 165	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 8TC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Supervision	338,238	15,000	156,300 21,600	338, 40, 37, 45, 15, 156, 21,
015 120 125 130 135 140 145 150 155 160 165 170	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Supervision Hauling	338,238	15,000	156,300 21,600 5,000	338, 40, 37, 45, 15, 156, 21, 5,
015 120 125 130 135 140 145 150 155 160 165 170 175 180	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Uner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Supervision Surface Equipment Supervision Hauting Compressors	338,238	15,000	156,300 21,600 5,000	338, 40, 37, 45, 15, 156, 21, 5,
015 120 125 130 135 140 145 150 155 160 165 170 175 180	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Subsurface Equipment Subsurface Squipment Supervision Haufing Compressors Artificial Lift (surface)	338,238	15,000	156,300 21,600 5,000	338, 40, 37, 45, 156, 21, 5,
015 120 125 130 135 140 145 150 155 160 165 170 175 180 185	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Subsurface Equipment Supervision Hauling Compressors Artificial Lift (downhole)	338,238	15,000	156,300 21,600 5,000	338, 40, 37, 45, 156, 21, 5,
015 120 125 130 135 140 145 150 155 160 165 170 175 180 185	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing 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 (surface) Artificial Lift (surface) Power	338,238	15,000	156,300 21,600 5,000	338, 40, 37, 45, 156, 21, 5,
015 120 125 130 135 140 145 155 160 165 170 175 180 185 186 190	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 8TC Production Cusing 9411' 2.875in Prod Tubing 9411' 2.875in Prod Tubing 9411' 2.875in Prod Tubing Production Tubing 9411' 2.875in Prod Tubing Production Tubing 9411' 2.875in Prod Tubing Production Tubing 9411' 2.875in Prod Tubing Wellhead Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Supervision Supervision Hauling Compressors Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Power Flow Lines	338,238	15,000	156,300 21,600 5,000	338, 40, 37, 45, 15, 156, 21, 5,
015 120 125 130 135 140 145 150 155 160 165 170 175 180 185 186 190	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 8TC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Supervision Haufing Compressors Artificial Lift (downhole) Power Flow Lines Pipeline & Metering Pipeline & Metering	338,238	15,000	156,300 21,600 5,000	338, 40, 37, 45, 15, 156, 21, 5,
015 120 125 130 135 140 145 155 160 165 170 175 180 185 186 190	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 8TC Production Cusing 9411' 2.875in Prod Tubing 9411' 2.875in Prod Tubing 9411' 2.875in Prod Tubing Production Tubing 9411' 2.875in Prod Tubing Production Tubing 9411' 2.875in Prod Tubing Production Tubing 9411' 2.875in Prod Tubing Wellhead Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Supervision Supervision Hauling Compressors Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Power Flow Lines	338,238	15,000	156,300 21,600 5,000 	338, 40, 37, 45, 15, 156, 21, 5,
015 120 125 130 135 140 145 150 155 160 165 170 175 180 185 186 190	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 8TC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Supervision Haufing Compressors Artificial Lift (downhole) Power Flow Lines Pipeline & Metering Pipeline & Metering	338,238	15,000	156,300 21,600 5,000 	338, 40, 37, 45, 15, 156, 21, 5,
015 120 125 130 135 140 145 150 155 160 165 170 175 180 186 190 190	Surface Casing 2000' 9.625 36# K-55 STC Intermediate Casing Drilling Liner Production Casing 14706' 5.5 20# P-110 BTC Production Liner Production Tubing 9411' 2.875in Prod Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Subsurface Equipment Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (downhole) Power Flow Lines Pipeline & Metering Misc & TCC Contingency	338,238	15,000	156,300 21,600 5,000 - - 15,000 15,000	56, 338, 40, 37, 45, 156, 21, 5, 20, 15, 156, 38, 802,6



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