

Operator:
Well Name:
Whistle Pig 10-1H
Proposed TD:
14421' MD/9315' TVD
Location:
10-13N-7W
Purpose:
Drill, complete & equip horizontal well

Date: Field: County, State: Objective: AFE No.:

9/16/2014 Cangainer, OK

| 010 | Intangibles | | Completion (840) | Facility (840) | Total |
|---|--|-----------|----------------------------|--|--|
| | Permits, Licenses, Etc | 6,000 | | | 6,00 |
| 020 | Staking & Surveying | 8,000 | | | 8,00 |
| 025 | Road, Locations | 150,000 | 30,000 | 5,000 | 185,00 |
| 030 | Damages | 50,000 | | | 50,0 |
| 035 | Mobilization/Demobilization | 264,000 | | | 264,0 |
| 040 | Daywork Contract 23 days @ \$23500 | 546,550 | . 8 | | 546,5 |
| 045 | Footage Contract | | | | |
| 050 | Mouse/Rathole/Conduct Pipe | 15,500 | | | 15,5 |
| 055 | Directional Drilling & Surveying | 282,000 | | | 282,0 |
| 060 | Bits, Tools, Stabilizers | 93,526 | 42,000 | | 135,5 |
| 065 | Fuel, Power | 137,200 | 8,750 | | 145.9 |
| 070 | Drill Water | 17,400 | 6,730 | | 17,4 |
| 075 | Mud & Chemicals | 345,000 | | | 345,0 |
| | | | | | |
| 080 | Mud Logging | 24,000 | | | 24,0 |
| 085 | Drill Stem Testing | | | | |
| 090 | Core Analysis | | | | |
| 095 | Openhole Logging | | | | |
| 100 | Cement Services/Float Equip | 145,000 | | | 145,0 |
| 105 | Transportation, Trucking | 64,800 | 25,000 | | 89,8 |
| 110 | Casing Crew & Equipment | 47,803 | - 100 | | 47,8 |
| 115 | Welding Services | 15,000 | 5,000 | 10,000 | 30,0 |
| 120 | Contract Labor | 25,000 | 10,000 | 20,000 | 35,0 |
| 125 | Rental Equipment | 125,575 | 175,000 | 10,000 | 310,5 |
| | W. C. | 125,575 | | 10,000 | |
| 130 | Completion Rig | | 115,500 | | 115,5 |
| 135 | Coiled Tubing | | | | |
| 140 | Cased Hole Logs & Surveys | | 10,000 | | 10,0 |
| 145 | Perforating/Wireline Services | | 200,000 | | 200,0 |
| 150 | Miscellaneous | 75,000 | 250,000 | | 325,0 |
| 155 | Acidizing/Fracturing 20 stg plug & perf - Slickwater | | 2,302,850 | | 2,302,8 |
| 160 | Well Testing | | 50,000 | | 50,0 |
| 165 | Completion Fluids | | 20,000 | | 20,0 |
| 170 | Other Services | 301,175 | 87,500 | | 388,6 |
| 175 | Supervision | 107,300 | 100,800 | - | 208,1 |
| 180 | Overhead | 11,426 | 6,000 | | 17,4 |
| 185 | Well Control Insurance | 14,421 | 0,000 | | 14,4 |
| | | | | | |
| 190 | Legal, Title Services | 3,000 | | | 3,0 |
| 195 | P&A Costs | | | | |
| 200 | Contingency | 258,721 | 257,880 | | 516,6 |
| | Subtotal - Intangibles | 3,133,396 | 3,696,280 | 25,000 | 6,854,67 |
| | | Drilling | Completion | Facility | Total . |
| Cangible | | | | | |
| | | (850) | (860) | (860) | Total |
| 010 | Conductor Casing | | (860) | (860) | |
| 010 015 | Conductor Casing Surface Casing 1500' 9.625 40# K-55 STC | 36,990 | (860) | (860) | |
| 010 015 120 | Conductor Casing Surface Casing 1500' 9.625 40# K-55 STC Intermediate Casing | | (860) | (860) | 10tal 36,9 |
| 010 015 120 125 | Conductor Casing Surface Casing 1500' 9.625 40# K-55 STC Intermediate Casing Drilling Liner | 36,990 | (860) | (860) | 36,9 |
| 010 015 120 | Conductor Casing Surface Casing 1500' 9.625 40# K-55 STC Intermediate Casing | 36,990 | (860) | (860) | 36,9 |
| 015 120 125 | Conductor Casing Surface Casing 1500' 9.625 40# K-55 STC Intermediate Casing Drilling Liner | 36,990 | | (860) | 36,9 314,3 |
| 010 015 120 125 130 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner Production Casing 14421'5.5 20# P-110 BTC | 36,990 | 36,142 | (860) | 36,9 |
| 010 015 120 125 130 135 | Conductor Casing Surface Casing 1500' 9.625 40# K-55 STC Intermediate Casing Drilling Liner Production Liner Production Liner Production Tubing 9100 ft of 2-3/8" | 36,990 | | (860) | 36,9 314,3 36,1 |
| 010 015 120 125 130 135 140 | Conductor Casing Surface Casing Intermediate Casing Drilling timer Production Casing Production Liner Production Unior Production Tubing Wellhead Equipment Surface 1500' 9.625 40# K-55 STC 1400' 9.625 40# FTC 1400' 9.625 40# FTC 1400' 9.625 40# FTC 1400' 9.625 40# FTC 1 | 36,990 | 36,142 | (860) | 36,9 314,3 |
| 010 015 120 125 130 135 140 145 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner Production Casing Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger | 36,990 | 36,142 | | 36,9 314,3 36,1 37,0 |
| 010 015 120 125 130 135 140 145 150 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner Production Casing Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline | 36,990 | 36,142 15,000 | (860) | 36,5 314,3 36,1 37,0 |
| 010 015 120 125 130 135 140 145 150 | Conductor Casing Surface Casing Intermediate Casing Drilling timer Production Casing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Subsurface Equipment Subsurface Equipment Subsurface Equipment | 36,990 | 36,142 | 60,000 | 36,5 314,3 36,1 37,0 60,0 |
| 010 015 120 125 130 135 140 145 150 155 160 | Conductor Casing Surface Casing Surface Casing Intermediate Casing Drilling Liner Production Casing Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment | 36,990 | 36,142 15,000 | 60,000 | 36,5 314,3 36,1 37,0 60,0 20,0 |
| 010 015 120 125 130 135 140 145 150 155 160 165 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner Production Casing Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Surface Equipment Supervision | 36,990 | 36,142 15,000 | 60,000 196,100 21,600 | 36,9 314,3 36,1 37,0 60,0 20,0 196,1 21,6 |
| 010 015 120 125 130 135 140 145 150 155 160 165 170 | Conductor Casing Surface Casing Intermediate Casing Drilling timer Production Casing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Subsurface Equipment Surface Equipment | 36,990 | 36,142 15,000 | 60,000 | 36,5 314,3 36,1 37,0 60,0 20,0 196,1 |
| 010 015 120 125 130 135 140 145 150 155 160 165 170 175 180 | Conductor Casing Surface Casing 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 Compressors | 36,990 | 36,142 15,000 | 60,000 196,100 21,600 | 36,5 314,3 36,1 37,0 60,0 20,0 196,1 |
| 010 015 120 125 135 140 145 150 165 170 175 180 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner 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) | 36,990 | 36,142 15,000 20,000 | 60,000 196,100 21,600 | 36,5 314,3 36,1 37,0 60,0 20,0, 196,1 21,6 |
| 010 015 120 125 130 135 140 145 150 155 160 165 170 175 180 | Conductor Casing Surface Casing Intermediate Casing Drilling timer Production Casing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment | 36,990 | 36,142 15,000 | 60,000 196,100 21,600 | 36,5 314,1 36,5 37,6 60,0 20,0 196,5 21,4 |
| 010 015 120 125 135 140 145 150 165 170 175 180 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner 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) | 36,990 | 36,142 15,000 20,000 | 60,000 196,100 21,600 5,000 | 36,5 314,3 36,,37,4 60,0 20,0 196,,21,4 5,4 |
| 010 015 120 125 130 135 140 145 150 155 160 165 170 175 180 | Conductor Casing Surface Casing Intermediate Casing Drilling timer Production Casing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment | 36,990 | 36,142 15,000 20,000 | 60,000 196,100 21,600 5,000 | 36,5 314,3 36,37,6 60,0 20,0 196,2 21,4 5,0 |
| 010 015 120 125 130 135 140 145 150 155 160 165 170 175 180 185 | Conductor Casing Surface Casing Intermediate Casing Drilling timer Production Casing Production Casing Production Liner Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Authority Supervision Hauling Compressors Artificial Lift (surface) Artificial Lift (downhole) Power | 36,990 | 36,142 15,000 20,000 | 60,000 196,100 21,600 5,000 | 36,5 314,3 36,1 37,0 60,0, 20,0 196,1 21,6 5,0 |
| 010 015 120 125 130 135 140 145 150 155 160 165 170 175 180 185 186 190 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner Production Casing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Actificial Liner Supervision Hauling Compressors Artificial Liner Artificial Liner Flow Lines Ploel Line | 36,990 | 36,142 15,000 20,000 | 60,000 196,100 21,600 5,000 | 36,5 314,3 36,1 37,0 60,0, 20,0 196,1 21,6 5,0 |
| 010 015 120 125 130 135 140 145 150 165 170 185 180 185 186 190 195 200 205 | Conductor Casing Surface Casing Intermediate Casing Drilling timer Production Casing Production Casing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Intermediate Company Surface Equipment Surface Fitting/Flowline Suppression Hauling Compressors Artificial Lift (downhole) Power Flow Lines Pipeline & Metering Misc & TCC Contingency | 36,990 | 36,142 15,000 20,000 | 60,000 196,100 21,600 5,000 15,000 65,000 | 36,5 314,3 36,1 37,0 60,0 20,0 196,1 21,6 5,0 |
| 010 015 120 125 130 135 140 145 150 155 160 170 175 180 185 186 190 | Conductor Casing Surface Casing Intermediate Casing Drilling Liner Production Casing Production Tubing Wellhead Equipment Float Equip/Liner Hanger Nipple/ Valve/ Fitting/Flowline Subsurface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Equipment Surface Actificial Liner Supervision Hauling Compressors Artificial Liner Artificial Liner Flow Lines Ploel Line | 36,990 | 36,142 15,000 20,000 | 60,000 196,100 21,600 5,000 | 36,9 314,3 36,1 |

| Felix Energy LLC Approval | DATE | al S. D. |
|---------------------------------|-------------|-----------------|
| Approved by: //////// | - The Alian | Strol S. DENNIS |
| Date: 9-17-19 | /e/ 7/14/15 | EXHIBIT_ O |
| Working Interest Owner Approval | 1. | 10 000 000 |
| Approved by: | | RPR CSR |
| Date: | | CAL REPORT |

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