

Authorization For Expenditure

| Company Entity CIMAREX ENERGY CO | | | | Date Prepa | - | ber 4, 2015 | |
|---|--|--|--|--|--------------------------------------|--|--|
| Region | Well Name | Prospect or Field Name | Property Number | | Drillin | g AFE No. | |
| Anadarko | ROYAL 1-21H | CANA NORTHWEST PROSPECT | 350012-389.01 | 2215147 | | | |
| Location | | County | State | | Tyr | e Well | |
| 21-15N-10W, Blaine Co., | ок | Blaine | ОК | Oil Gas | x | Expl Prod | X |
| | 244 8 - 22 3 No. 14 (3 ST | | | | | | |
| Original Estimate Revised Estimate Supplemental Estimate | X | Est,Start Date 09/21/2015 | 12/01/2015 | | issippi | 1tl Verti | ired Peat 600' cal Pelgih 880' |
| | o' long lateral in the Merai | et surface casing. Drill to 9560', set intermed mec formation. Run and cement production | | | | | |
| Intangibles | | Dry Hole Cost | After Casing | Point | Cor | mpleted Well | Cost |
| Drilling Costs | | \$2,784,000 | | | | \$2,784,000 |) |
| Completion Costs | | | \$2,728,2 | | | \$2,728,200 | |
| Total Intangible Costs | | \$2,784,000 | \$2,728,2 | 00 | | \$5,512,200 | |
| Tangibles | | | | | | | |
| Well Equipment | | \$474,000 | \$504,80 | | | \$978,800 | |
| Lease Equipment | | \$474.000 | \$355,80 | | | \$355,800 | |
| Total Tangible Well Cost | | \$474,000 | \$860,60 | 0 | - | \$1,334,600 | |
| Plug and Abandon Cost | - | \$0 | 50 | | | 50 | |
| Total Well Cost | | \$3,258,000 | \$3,588,8 | 00 | - | \$6,846,800 | |
| Unless otherwise indicate long as Operator conducts you must provide a certificommencement of drilling procured by Operator. I elect to purch: Well control insurance pro | s operations hereunder an cate of such insurance acc g operations. You agree th ase my own well control in ocured by Operator, provide | erating working interest owner, agree to be d to pay your prorated share of the premiur eptable to Operator, as to form and limits, a lat failure to provide the certificate of insura | ns therefore. If you ele t the time this AFE is re nce, as provided herein 0% W.I.) of Combined S | ct to purchase turned, if avai n, will result in | your own ilable, but your bein | well control in no event la g covered by | insurance ater than insurance |
| volumes delivered over tir request to Cimarex's Mark | me. Should you choose to seting Department, we wil | ith third party purchasers. Such contracts m market your share of gas with Cimarex, you I share with you the terms and conditions pu | will be subject to all of irsuant to which gas wi | the terms of | such contra | acts. Upon w | ritten |
| shall be deemed an election | on to market your gas with | n Cimarex under the terms and conditions se | t forth above. | | | | |
| l elect to take n | ny gas in kind. | | | | | | |
| ☐ I elect to marke | t my gas with Cimarex pu | rsuant to the terms and conditions of its co | ntract. | | | 1 | |
| | | | | | | abeliani (Defense | Contraction of the Contraction o |
| without affecting the auth | orization for expenditure | ouble free operations without any foreseea herein granted. By approval of this AFE, the of the joint operating agreement, regulator | working interest owne | r agrees to pa | y its propo | rtionate shar | |
| Prepared by | | Cimarex Energy Co. Appropriate States of Completion Manager. | | Manager | | | 7.5 |
| L | | Joint Interest Approve | al | | | | |
| Company | | By The Control of the | Date | | | | |

EXHIBIT CAL REPORT



| Lease | Nan | ne: |
|-------|-----|-----|
|-------|-----|-----|

| | | | | | BCP - Drilling | 3 | ACP - Drilling | 1074 | Completic |
|--|--|--|---|---|---|--|--|---|---|
| | | | | | (Dry Hole Cast | 9 | | | Stimulati |
| Intangibles Roads & Location Preparation / Restoration | | | | Codes | | Codes | | Codes | |
| Damages | | | | DIDC.100 | \$190,00 | | | 5TIM.100 | \$23, |
| Mud / Fluids Disposal Charges | | | | DIDC,105 | \$23,000 | | | MIMIM | MIMIM |
| Day Rate ####### DH Days 28 | 3.00 ACP Days @ | \$3.0 | 00 Per Day | DIDC.255 | \$115,000 | - Hadridge And | | STIM,255 | \$60, |
| Misc Preparation Cost (mouse hole, rat hole, po | ds, pile clusters, mi | sc.) | oo frei buy | DIDC.113 | \$754,000 | DICC.120 | \$78,000 | <i>}}}}}</i> | X//////// |
| Bits | | | | DIDC.125 | \$165,000 | DICC.125 | \$0 | STIM,125 | |
| Fuel \$1.80 Per Go | llon ## | #### Gallons Pe | r Day | DIDC.135 | \$107,000 | | | SIIM.125 | |
| Nater for Drilling Rig / Completion Fluids (Not I Mud & Additives | Frac Water) | | | DIDC.140 | \$10,000 | | \$1,000 | | MICHIEL P |
| Surface Rentals | | | | DIDC,145 | \$285,000 | | | | |
| Downhole Rentals | | | | DIDC.150 | \$75,000 | | \$0 | 5TIM.140 | \$120,0 |
| ormation Evaluation (DST, Coring including evo | aluation, G&G Service | PS) | - | DIDC.155 | \$40,000 | +////////// | | STIM.145 | |
| 1ud Logging | 0.00 Day | | 0 Per Day | DIDC.170 | \$0 | - Harper for freshir freshir freshir | | STIM,150 | THE THE PARTY OF T |
| pen Hole Logging | | | , | DIDC.180 | \$0 | | | | |
| ementing & Float Equipment | | | | DIDC.185 | \$54,000 | | \$59,000 | | |
| ubular Inspections | | | | DIDC.190 | \$15,000 | | \$8,000 | | MINIMINI MARKET |
| asing Crews | | | | DIDC.195 | \$27,000 | | \$24,000 | | |
| extra Labor, Welding, Etc. and Transporation (Trucking for tangibles) | | | | DIDC.200 | \$16,000 | DICC.170 | \$8,000 | | \$5,0 |
| upervision | | 11 -32 -20 - 2 | | DIDC.205 | \$20,000 | DICC.175 | \$9,000 | STIM.175 | |
| railer House / Camp / Catering | | \$3,800.0 | 0 Per Day | DIDC.210 | \$114,000 | 1 | \$15,000 | STIM.180 | \$60,0 |
| ther Misc Expenses | | | | DIDC,280 | \$35,000 | DICC.255 | \$5,000 | . STIM.280 | \$13,0 |
| verhead | | | | DIDC.220 | \$1,000 | DICC.190 | \$0 | STIM.190 | \$20,0 |
| emedial Cementing | | | | DIDC.225 | \$12,000 \$0 | DICC.195 | \$5,000 | AAAAAAAAAAA | |
| IOB/DEMOB | | 2000 | | DIDC.240 | \$190,000 | | | STIM,215 | |
| irectional Drilling Services | | | | DIDC.245 | \$249,000 | | | | |
| rane for Construction | 44 | | | | | | | | |
| olids Control | | | | DIDC.260 | \$45,000 | | | | MMMM |
| lell Control Equip (Snubbing Svcs.) shing & Sidetrack Operations | | | | DIDC.265 | \$55,000 | DICC.240 | \$7,000 | STIM,240 | \$20,0 |
| empletion Rig | | | | DIDC.270 | \$0 | DICC.245 | \$0 | STIM.245 | |
| nil Tubing | | | | VIIII III | | | | STIM.115 | |
| impletion Logging, Perforating, WL Units, WL S | Surveys | | | | 444444 | | | STIM.260 | \$160,0 |
| imposite Plugs | | | | | | <i>44444</i> | | STIM.200 | \$114,0 |
| imulation Pumping Charges, Chemicals, Additiv | ves, Sand | | | | | | | STIM.390 | \$60,00 |
| imulation Water / Water Transfer / Water Stor | age | | | | | | | STIM,210 | \$1,145,00 |
| marex Owned Frac / Rental Equipment | | | | | | | | STIM.395 STIM.305 | \$123,00 |
| gol / Regulatory / Curative | | | | | | | | | |
| all Castal Land | | | | DIDC.300 | \$7,000 | | | MIMIN | WIIIIIIII |
| | O Per Foot | | | DIDC.285 | \$7,000 \$16,000 | | | | |
| entingency 5.0 % of Drill | 0 Per Foot ling Intangibles | | | | | DICC.220 | \$11,000 | | |
| | | | | DIDC.285 | \$16,000 | DICC.220 | \$11,000 | | |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L | | | | DIDC.285 | \$16,000 \$133,000 | DICC.220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost | | | | DIDC.285 | \$16,000 | DICC.220 | \$11,000 \$230,000 | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost nulble - W/ell Equipment | | | | DIDC.285 | \$16,000 \$133,000 | DICC.220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible - Well Equipment sing | ling Intangibles | | \$/Foot | DIDC.285 | \$16,000 \$133,000 | DICC.220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost nsible - Well Equipment sing ve Pipe | ling Intangibles Size | 0.00 | \$0.00 | DIDC.285 DIDC.435 DIDC.435 | \$16,000 \$133,000 \$2,784,000 \$0 | DICC,220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible - Well Equipment sing we Pipe nductor Pipe | Size 0 | 0.00 | \$0.00 | DIDC.285 DIDC.435 DIDC.435 DWE8.150 DWE8.130 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 | DICC.220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible AVAIL Equipment sing ve Pipe nductor Pipe tter String | Size 0 0 0 | 0.00 | \$0.00 \$0.00 \$0.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 | DICC.220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible - W/ell Equipment sing ve Pipe nductor Pipe ter String foce Casing | Size 0 0 13.37 | 0.00 0.00 0.00 5 1500.00 | \$0.00 \$0.00 \$0.00 \$44.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 | DICC.220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost ngible Wiel Equipment sing ve Pipe nductor Pipe ter String foce Casing ermediate Casing 1 | | 0.00 0.00 0.00 5 1500.00 9560.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 | DICC,220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost relibie Wieli Equipment sing the Pipe aductor Pipe tter String face Casing termediate Casing 1 termediate Casing 2 ling Liner | Size 0 0 13.37 | 0.00 0.00 0.00 5 1500.00 9560.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.135 DWEB.135 DWEB.140 DWEB.145 DWEB.155 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$0 \$56,000 \$373,000 | DICC.220 | | | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost inglible - Well Equipment ting we Pipe ductor Pipe tere String foce Casing termediate Casing 1 termediate Casing 2 ling Liner duction Casing or Liner | Sizz O | 0.00 0.00 0.00 5 1500.00 9560.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 | | \$230,000 | STIM.220 | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible Well Equipment sing we Pipe nductor Pipe ter String foce Casing trimediate Casing 1 trimediate Casing 2 ling Liner duction Casing or Liner duction Tie-Back | Size Size O | 0.00 0.00 0.00 5 1500.00 9560.00 0.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.135 DWEB.135 DWEB.140 DWEB.145 DWEB.155 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 | DWEA.100 | \$230,000 | STIM.220 | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible - Well Equipment sing we Pipe nductor Pipe ter String face Cosing germediate Casing 1 termediate Casing 2 ling Liner duction Casing or Liner duction Tie-Back ling | Size | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.135 DWEB.135 DWEB.140 DWEB.145 DWEB.155 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 | | \$230,000 \$230,000 \$359,000 \$0 ! | STIM.220 | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost ngible - Wiel Equipment sing ve Pipe nductor Pipe tester String foce Casing germediate Casing 1 germediate Casing 2 ling Liner duction Tie-Back ining linead, Tree, Chokes | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.150 DWEB.135 DWEB.145 DWEB.145 DWEB.160 | \$16,000 \$133,000 \$2,784,000 \$2,784,000 \$0 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 | DWEA.100 DWEA.165 | \$230,000 | STIM.220 STIM.220 STIMT.101 STIMT.105 | \$2,056,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost tal Intangible Cost usible Wéli Equipment sing we Pipe ductor Pipe ther String face Casing ermediate Casing 1 ermediate Casing 2 lining Liner duction Casing or Liner duction Tie-Back sing line Liner lined Arree, Chokes er Hanger, Isolation Packer | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIDC.285 DIDC.435 DIDC.435 DWE8.150 DWE8.130 DWE8.135 DWE8.145 DWE8.145 DWE8.146 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 | \$230,000 \$359,000 \$0 8 \$45,000 | STIM.220 STIM.220 STIMT.301 STIMT.302 STIMT.305 STIMT.305 | \$2,056,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost tal Intang | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$0 5 \$45,000 \$0 | STIM.220 STIM.220 STIMT.301 STIMT.302 STIMT.305 STIMT.305 | \$98,00 \$2,056,00 \$2,056,00 \$40,000 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost ngible - Well Equipment sing we Pipe nductor Pipe ter String face Casing termediate Casing 1 termediate Casing 2 ling Liner duction Casing or Liner duction Casing or Liner duction Tie-Back ing lithead, Tree, Chokes ter Hanger, Isolation Packer ker, Nipples tenging Unit, Engine | Size | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$0 \$45,000 \$0 | \$TIM.220 | \$98,00 \$2,056,00 \$2,056,00 \$5,00 \$5,00 \$5,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost Inglible Well Equipment | Size | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.120 | \$98,00 \$2,056,00 \$2,056,00 \$5,000 \$5,000 \$5,000 \$1, |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible - Wéll Equipment sing ve Pipe nductor Pipe nter String face Casing ermediate Casing 1 ermediate Casing 1 fling Liner duction Tie-Back ing lilhead, Tree, Chokes er Hanger, Isolation Packer ker, Nipples pulse Light Equipment light Engine whole Lift Equipment (BHP, Rods, Anchors, ESI puble - Lesse Equipment) | Size | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$98,00 \$2,056,00 \$2,056,00 \$5,000 \$5,000 \$5,000 \$1, |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost Ingible Méli Equipment sing we Pipe Inductor Pipe Inter String foace Casing Fermediate Casing 1 Fermediate Casing 2 Fermediate Casing 2 Fermediate Casing 1 Fermediate Casing 2 Fermediate Casing 1 Fermediate Casing 1 Fermediate Casing 2 Fermediate Casing 3 Fermediate Casing 5 Fermediate Casing 6 Fermediate Casing 8 Fermediate Casing 9 Fermediate Ca | Size | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$98,00 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost tal Intangible Cost tal Intangible Cost sing ve Pipe nductor Pipe teter String foce Casing germediate Casing 1 germediate Casing 1 germediate Casing 2 ling Liner duction Tie-Back ining lilhead, Tree, Chokes ger Hanger, Isolation Packer ker, Nipples pring pull, Engine whole Lift Equipment (BHP, Rods, Anchors, Est gible - Lease Equipment) Lease Equipment ks, Tanks Steps, Stairs | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$2,056,000 \$2,056,000 \$2,056,000 \$5,000 \$5,000 \$5,000 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost natible Well Equipment sing we Pipe nductor Pipe there String foce Casing germediate Casing 1 germediate Casing 2 lining Liner duction Tie-Back lining Liner duction Tie-Back lining Liner string foce Resident Flow Liner lining Liner liner liner liner lining Liner liner liner lining Liner lin | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$98,00 \$2,056,00 \$2,056,00 \$5,000 \$5,000 \$5,000 \$1, |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost ngible - Wél Equipment sing we Pipe nductor Pipe ter String foce Casing remediate Casing 1 remediate Casing 2 lling Liner duction Casing or Liner duction Tie-Back sing lihead, Tree, Chokes re Hanger, Isolation Packer ker, Nipples nping Unit, Engine whole Lift Equipment Lease Factor, Separator, Gas Treating E pendary Containments | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$2,056,000 \$2,056,000 \$2,056,000 \$5,000 \$5,000 \$5,000 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost natible - Well Equipment sing ve Pipe nductor Pipe nter String foce Casing germediate Casing 1 germediate Casing 2 lining Liner duction Tie-Back lining Liner duction Tie-Back lining Liner duction Tie-Back lining Liner duction Tie-Back lining Liner lining Liner lining Liner lining Liner ger Hanger, Isolation Packer ker, Nipples nonling Unit, Engine vinhole Lift Equipment (BHP, Rods, Anchors, Esi pible-Lissa Equipment Lease Equipment Lease Equipment lease Equipment lease Equipment lease Treater, Separator, Gas Treating E pondary Containments leavy [Neuter Treater, Separator, Gas Treating E prinary Containments leavy [Neuter Treater, Separator, Gas Treating E prinary Containments lifty Electrical & Automation | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$2,056,000 \$2,056,000 \$2,056,000 \$5,000 \$5,000 \$5,000 |
| Intingency Instruction For Flow Lines Instruction For Flow Lines Instruction For Sales P/L Ital Intangible Cost Ingible Well Equipment Issing Interpolate Cost Ingible Well Equipment Issing Interpolate Cost Ingible Interpolate Interpolate Cosing 1 Interpolate Cosing 2 Ingible Cosing 2 Ingible Cosing 2 Ingible Cosing 2 Ingible Ingible Interpolate Ingible Ingible Interpolate Ingible Interpolate Interpolate Cost Ingible Interpolate Interpol | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$98,00 \$2,056,00 \$2,056,00 \$5,000 \$5,000 \$5,000 \$1, |
| Intingency Instruction For Flow Lines Instruction For Flow Lines Instruction For Sales P/L Ital Intangible Cost Ingible - Well Equipment Ising Interpret In | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.130 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$2,056,000 \$2,056,000 \$2,056,000 \$5,000 \$5,000 \$5,000 |
| Intingency 5.0 % of Drill Instruction For Flow Lines Instruction For Sales P/L Ital Intangible Cost Ital Interpretation Ital Ita | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$23.00 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.130 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$373,000 \$0 \$0 \$35,000 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$98,00 \$2,056,00 \$2,056,00 \$5,000 \$5,000 \$5,000 \$1, |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L tal Intangible Cost natible - Well Equipment tal Interesting force Casing terrediate Casing 1 terrediate Casing 2 lining Liner duction Tie-Back tining Liner duction Tie-Back tining lillhead, Tree, Chokes ter Hanger, Isolation Packer ker, Nipples numbole Lift Equipment (BHP, Rods, Anchors, Est pilotes Est Equipment Lease Equipment Lease Equipment thead Power Distribution (electric line to facilit lifty Electrical & Automation D Connection Lines (Line Pipe from wellhead to central facilit liter to Soles ers and Metering Equipment | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$5.10 | DIC.285 DIC.435 DIC.435 DWE8.130 DWE8.130 DWE8.130 DWE8.140 DWE8.145 DWE8.140 DWE8.145 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$98,00 \$2,056,00 \$2,056,00 \$5,000 \$5,000 \$5,000 \$1, |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost ngible - Well Equipment sing we Pipe nductor Pipe ther String foace Casing remediate Casing 1 remediate Casing 2 lling Liner duction Casing or Liner duction Tie-Back sing lithead, Tree, Chokes ret Hanger, Isolation Packer ker, Nipples nping Unit, Engine yokhole Lift Equipment Lease Equipment ks, Tanks Steps, Stairs terry [Heater-Treater, Separator, Gas Treating E tondary Containments rhead Power Distribution (electric line to facilit lifty Electrical & Automation o Connection v Lines Line Pipe from wellhead to central facilit viers (Line Pipe from wellhead to central facility electrical facility elect | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$5.10 | DIC.285 DIDC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.140 DWE8.145 DWE8.140 DWE8.150 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$66,000 \$373,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$359,000 \$0 \$45,000 \$0 \$0 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$2,056,000 \$2,056,000 \$2,056,000 \$5,000 \$5,000 \$5,000 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Sales P/L tal Intangible Cost ngible - Well Equipment sing ve Pipe nductor Pipe ther String foace Casing remediate Casing 1 remediate Casing 2 lling Liner duction Casing or Liner duction Tie-Back sing lithead, Tree, Chokes ret Hanger, Isolation Packer ker, Nipples nping Unit, Engine vinole Lift Equipment (BHP, Rods, Anchors, Esi pible - Lease Equipment Lease Equipment ks, Tanks Steps, Stairs terry [Heater-Treater, Separator, Gas Treating E tondary Containments rhead Power Distribution (electric line to facilit lifty Electrical & Automation O Connection O Lines (Line Pipe from wellhead to central facili line to Sales ers and Metering Equipment I Tangibles | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$5.10 | DWE8,150 DWE8,150 DWE8,150 DWE8,150 DWE8,150 DWE8,150 DWE8,160 DWE8,160 DWE8,160 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$0 \$56,000 \$373,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | DWEA.100 DWEA.165 DWEA.120 DWEA.125 | \$230,000 \$359,000 \$0 \$45,000 \$0 \$0 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.410 | \$2,056,000 \$2,056,000 \$2,056,000 \$3,000 \$45,000 \$45,000 |
| ntingency 5.0 % of Drill nstruction For Flow Lines nstruction For Soles P/L al Intangible Cost ling line Well Equipment ling we Pipe ductor Pipe ter String force Casing formediate Casing 1 formediate Casing 2 ling Liner duction Casing or Liner duction Tie-Back ling Liner function Tie-Back ling Liner line Liner Equipment lease Equipment lease Equipment lease Equipment lease Equipment lease Liner Pipe form wellhead to central facili line to Soles ers and Metering Equipment | Size O O O O O O O O O | 0.00 0.00 5 1500.00 9560.00 0.00 15600.00 | \$0.00 \$0.00 \$0.00 \$44.00 \$39.00 \$0.00 \$0.00 \$0.00 \$5.10 | DIC.285 DIDC.435 DIC.435 DWE8.130 DWE8.130 DWE8.135 DWE8.140 DWE8.140 DWE8.145 DWE8.140 DWE8.150 DWE8.140 | \$16,000 \$133,000 \$2,784,000 \$0 \$0 \$0 \$0 \$56,000 \$373,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 | DWEA.100 DWEA.165 DWEA.120 | \$230,000 \$359,000 \$0 \$45,000 \$0 \$0 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 | STIM.220 STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405 | \$98,00 \$2,056,00 \$2,056,00 \$5,000 \$5,000 \$45,000 \$45,000 |



Lease Name:

| CON.100 CON.105 CON.105 | Equipment / Construction \$2,50 | PCOM.125 | \$1,000 \$64,800 | \$216, \$23, \$239, |
|---|---|---|---|---|
| CON.100 CON.105 | \$2,50 | PCOM.125 | | \$23, \$239, |
| CON,105 | | PCOM.255 | | \$23, \$239, |
| | | PCOM.255 | \$64,800 | \$239, |
| CON.140 | | PCOM.125 | 304,800 | |
| CON.140 | | - | | \$832, |
| CON.140 | | - | | \$31, |
| CON.140 | | A poor | \$0 | \$165, |
| CON.140 | | PCOM,130 | \$0 | \$107, |
| CON.140 | | PCOM.135 | \$1,000 | \$12, |
| CON.140 | | | | \$285, |
| 111111111111111111111111111111111111111 | \$3,000 | PCOM.140 | \$232,000 | \$430,0 |
| | | PCOM.145 | \$0 | \$40,0 |
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| | | | | \$113,0 |
| | | PCOM.160 | \$3,700 | \$26,7 |
| CON 170 | \$23,000 | BCOM 170 | | \$51,0 |
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| | | | | \$39,3 \$203,1 |
| 7/////// | | | 75,000 | \$203,: |
| CON.190 | \$3,000 | PCOM.190 | SO | \$24,0 |
| | | WIIIIIN | Million | \$17,0 |
| | | PCOM.215 | \$0 | 71/,0 |
| | | | | \$190,0 |
| | | | | \$249,0 |
| CON.230 | \$4,000 | | | \$4,0 |
| | | | | \$45,0 |
| | | PCOM,240 | \$22,000 | \$104,0 |
| | | PCOM.245 | \$0 | |
| | | PCOM.115 | \$14,000 | \$14,0 |
| | | PCOM.260 | \$0 | \$160,0 |
| | | PCOM.200 | . \$0 | \$114,0 |
| 44444 | | PCOM.390 | \$0 | \$60,0 |
| 4444 | | PCOM.210 | \$0 | \$1,145,0 |
| | 444444 | | | \$123,0 |
| | | | | \$35,0 |
| CON.300 | | | | \$7,0 |
| CON 330 | \$4.800 | Million | | \$16,0 |
| - | | | \$35,500 | \$282,3 |
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| | \$52,400 | | \$389,800 | \$5,512,2 |
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| | | PCOMT.105 | \$54,000 | \$54,00 |
| | | | | \$120,00 |
| | | | | \$ |
| | | PCOMT.400 | \$1,800 | \$6,80 |
| | | PCOMT,405 | \$0 | \$ |
| | | PCOMT.410 | \$0 | \$ |
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| | \$65,000 | | | \$65,00 |
| CONT.405 | \$71,500 | | | \$71,50 |
| CONT.410 | \$115,700 | 44444 | | \$115,70 |
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| CON1.445 | - Li | | | \$32,20 |
| | 2222,800 | | \$55,800 | \$1,334,60 |
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| | CON.200 CON.200 CON.200 CON.255 CON.265 | CON.190 \$3,000 CON.190 \$3,000 CON.200 \$4,000 CON.200 \$4,800 CON.220 \$4,800 CON.255 \$50 CON.255 \$50 \$52,400 CON.400 \$53,500 CON.405 \$71,500 CONT.405 \$71,500 CONT.410 \$115,700 CONT.410 \$115,700 CONT.425 \$31,200 CONT.425 \$31,200 CONT.425 \$32,200 CONT.440 \$53,500 CONT.440 \$53,000 CONT.425 \$31,200 CONT.425 \$31,200 CONT.445 \$22,200 CONT.440 \$53,000 CONT.445 \$532,200 CONT.445 \$532,200 S355,800 | CON.175 \$3,500 PCOM.175 CON.180 \$5,100 PCOM.180 PCOM.180 PCOM.190 PCOM.190 PCOM.190 PCOM.190 PCOM.190 PCOM.215 PCOM.215 PCOM.215 PCOM.215 PCOM.215 PCOM.215 PCOM.215 PCOM.215 PCOM.210 PCOM.200 PCOM.390 PCOM.390 PCOM.210 | CON.170 \$23,000 PCOM.170 \$0 CON.175 \$5,800 PCOM.175 \$5,800 PCOM.175 \$5,800 PCOM.180 \$5,000 PCOM.180 \$5,000 PCOM.180 \$5,000 PCOM.180 \$5,000 PCOM.180 \$5,000 PCOM.180 \$5,000 PCOM.215 \$0 PCOM.210 \$0 PCO |