

Authorization For Expenditure

NOV 0 1 2016

EXHIBIT 2

OR C.S.R.

ompany Entity MAREX ENERGY CO			Date Prepared	10/07/2016			
Region Well Name Anadarko MARY 1H-2326X (FKA POOL 1H-2326X)	Prospect or Field Name Property Number CANA CORE PROSPECT 350116-046.01						
cation	County	State	Oil	Type Well Expl	X		
c.'s 23_26-14N-8W, Canadian County, OK	Canadian OK		Gas X		-		
liests Tree	Est.Start Date	Est. Comp Date	Formation	Ttl Measur	ed Den		
limate Type liginal Estimate X	Escatari Date	est. cemp oute	T. Carrier	17,050'			
vised Estimate oplemental Estimate	12/15/2016	02/01/2017	17 MERAMEC		Ttl Vertical Dept 9,730'		
ject Description ill and complete a horizontal test. Shared 2 well pad. Drill to 70' long lateral in the Meramec formation. Run and cemen ough new facility	t production casing. Zipper Frac +/-	32 stages. Drill out plug	s and run production	on tubing. Flow to	sales		
angibles	Dry Hale Cost \$1,760,000	After Casing I	Point	\$1,760,000	Cost		
illing Costs mpletion Costs	\$1,700,000	\$3,826,67	7	\$3,826,677			
tal Intangible Costs	\$1,760,000	\$3,826,67		\$5,586,677	-		
ngiblac		101					
ngibles ell Equipment	\$45,000	\$480,100		\$525,100			
ase Equipment	G0000000000000000000000000000000000000	\$349,906		\$349,906			
tal Tangible Well Cost	\$45,000	\$830,006		\$875,006			
g and Abandon Cost	\$0	\$0		\$0			
tal Well Cost	\$1,805,000	\$4,656,68	3	\$6,461,683			
		ic Price Multiplier.					
eless otherwise indicated below, you, as a non-operating wing as Operator conducts operations hereunder and to pay unust provide a certificate of such insurance acceptable temmencement of drilling operations. You agree that failure occured by Operator. I elect to purchase my own well control insurance cell control insurance dell control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator, provides, amounted to the control insurance procured by Operator.	your prorated share of the premiur o Operator, as to form and limits, a e to provide the certificate of insura policy.	covered by Operator's was therefore. If you elect the time this AFE is retunce, as provided herein, 0% W.I.) of Combined Si	t to purchase your urned, if available, will result in your l	own well control i but in no event lat being covered by i	nsuran ter thai		
ell Gontrol Insurance cless otherwise indicated below, you, as a non-operating wang as Operator conducts operations hereunder and to pay unust provide a certificate of such insurance acceptable to make the provide of control insurance occurred by Operator. I elect to purchase my own well control insurance ell control insurance procured by Operator, provides, amounted redrilling and clean-up/pollution expense covering drawteing Election marex sells its gas under arm's-length contracts with third planes to Cimarex's Marketing Department, we will share wall be deemed an election to market your gas with Cimarex I elect to take my gas in kind.	your prorated share of the premiur o Operator, as to form and limits, a to provide the certificate of insural policy. Ing other terms, for \$20,000,000 (10 iilling (through completion) with a superior policy of the provided in the provide	covered by Operator's was therefore. If you elect the time this AFE is retunce, as provided herein, 10% W.I.) of Combined Si 1,000,000 (100% W.I.) of ay include fees. In addit will be subject to all of ursuant to which gas will the forth above.	t to purchase your- urned, if available, will result in your l ngle Limit coverage eductible. tion, penalties may the terms of such co	own well control is but in no event lat being covered by in the for well control and be incurred for incontracts. Upon wr	nsuran ter than insuran and sufficien ritten		
eless otherwise indicated below, you, as a non-operating wing as Operator conducts operations hereunder and to pay unust provide a certificate of such insurance acceptable to memencement of drilling operations. You agree that failure occured by Operator. I elect to purchase my own well control insurance ell control insurance procured by Operator, provides, amounted redrilling and clean-up/pollution expense covering drawteeing election. Believed to the service of the service election of the service election expense covering drawteeing election. The service election election election election election election election election. Election to market your gas with Cimarex ellipse election to market your gas with Cimarex ellipse election to the election to market your gas with Cimarex election to the election to the election to the election election to election election to election to election to election election election to election ele	your prorated share of the premiur of Operator, as to form and limits, a to provide the certificate of insural policy. Ing other terms, for \$20,000,000 (10 circling (through completion) with a sparty purchasers. Such contracts more pour share of gas with Cimarex, you into you the terms and conditions pix under the terms and conditions see the terms and conditions of its contracts of the terms and conditions of the ter	covered by Operator's was therefore. If you elect the time this AFE is ret noce, as provided herein, 10% W.I.) of Combined Si 1,000,000 (100% W.I.) of an include fees. In addit will be subject to all of ursuant to which gas will the forth above.	t to purchase your- urned, if available, will result in your l ngle Limit coverage eductible. cion, penalties may the terms of such or be sold. Failure to	be incurred for incontracts. Upon wr make an election	ter than the the than the than the than the the than the the than the the than the		
less otherwise indicated below, you, as a non-operating w g as Operator conducts operations hereunder and to pay; u must provide a certificate of such insurance acceptable t mencement of drilling operations. You agree that failure occured by Operator. I elect to purchase my own well control insurance cell control insurance procured by Operator, provides, amou ated redrilling and clean-up/pollution expense covering dr wrketing Election narex sells its gas under arm's-length contracts with third is umes delivered over time. Should you choose to market y quest to Cimarex's Marketing Department, we will share w will be deemed an election to market your gas with Cimarex I elect to take my gas in kind. I elect to market my gas with Cimarex pursuant to miments on AFE. e above costs are estimates only and anticipate trouble fre shout affecting the authorization for expenditure herein gre	your prorated share of the premiur of Operator, as to form and limits, a to provide the certificate of insural policy. Ing other terms, for \$20,000,000 (10 circling (through completion) with a sparty purchasers. Such contracts more pour share of gas with Cimarex, you into you the terms and conditions pix under the terms and conditions see the terms and conditions of its contracts of the terms and conditions of the ter	covered by Operator's was therefore. If you elect the time this AFE is retunce, as provided herein, 10% W.I.) of Combined Si 1,000,000 (100% W.I.) of any include fees. In additively to all of the subject to all of the su	t to purchase your- urned, if available, will result in your l ngle Limit coverage eductible. cion, penalties may the terms of such or be sold. Failure to	be incurred for incontracts. Upon wr make an election	nsuranter tha nsuran and nsuran a		
less otherwise indicated below, you, as a non-operating w g as Operator conducts operations hereunder and to pay; u must provide a certificate of such insurance acceptable t mencement of drilling operations. You agree that failure occured by Operator. I elect to purchase my own well control insurance cell control insurance procured by Operator, provides, amounted redrilling and clean-up/pollution expense covering dr wheting Election harex sells its gas under arm's-length contracts with third is umes delivered over time. Should you choose to market y quest to Cimarex's Marketing Department, we will share w all be deemed an election to market your gas with Cimarex I elect to take my gas in kind. I elect to market my gas with Cimarex pursuant to minents on AFE e above costs are estimates only and anticipate trouble fre shout affecting the authorization for expenditure herein gr al, curative, regulatory and well costs under term of the jo	your prorated share of the premiur of Operator, as to form and limits, a to provide the certificate of insural policy. Ing other terms, for \$20,000,000 (10 citiling (through completion) with a sparty purchasers. Such contracts more pour share of gas with Cimarex, you into your share of gas with Cimarex, you into your the terms and conditions per conditions are under the terms and conditions see the terms and conditions of its contracts. By approval of this AFE, the introperating agreement, regulators.	covered by Operator's was therefore. If you elect the time this AFE is retunce, as provided herein, 10% W.I.) of Combined Si 1,000,000 (100% W.I.) of any include fees. In additively to all of the subject to all of the su	t to purchase your urned, if available, will result in your langle Limit coverage eductible. cion, penalties may the terms of such cobe sold. Failure to be sold. Failure to be agrees to pay its pible agreement coverage eductions.	be incurred for incontracts. Upon wr make an election	ter thai insuran		
less otherwise indicated below, you, as a non-operating we gas Operator conducts operations hereunder and to pay unust provide a certificate of such insurance acceptable to memencement of drilling operations. You agree that failure occured by Operator. I elect to purchase my own well control insurance at least reduction and clean-up/pollution expense covering driveting Election narex sells its gas under arm's-length contracts with third purest elivered over time. Should you choose to market yourst to Cimarex's Marketing Department, we will share well be deemed an election to market your gas with Cimarex will be deemed an election to market your gas with Cimarex. I elect to take my gas in kind. I elect to market my gas with Cimarex pursuant to mimonis on AFE. It is above costs are estimates only and anticipate trouble free hout affecting the authorization for expenditure herein grain, curative, regulatory and well costs under term of the journey of the provided of the provi	your prorated share of the premiur or Operator, as to form and limits, a to provide the certificate of insural policy. Ing other terms, for \$20,000,000 (10 cirilling (through completion) with a sparty purchasers. Such contracts myour share of gas with Cimarex, you ith you the terms and conditions pix under the terms and conditions so the terms and conditions of its contracts. By approval of this AFE, the introperating agreement, regulator Cimarex Energy Co. Appi	covered by Operator's was therefore. If you elect the time this AFE is ret nce, as provided herein, 10% W.I.) of Combined Si 1,000,000 (100% W.I.) of an include fees. In addit will be subject to all of ursuant to which gas will be the forth above. Intract. ble change in plans. The working interest owner y order or other applications.	t to purchase your urned, if available, will result in your langle Limit coverage eductible. cion, penalties may the terms of such cobe sold. Failure to be sold. Failure to be agrees to pay its pible agreement coverage eductions.	be incurred for incontracts. Upon wr make an election	ter than the the than the than the than the the than the the than the the than the		
ess otherwise indicated below, you, as a non-operating we gas Operator conducts operations hereunder and to pay must provide a certificate of such insurance acceptable to mmencement of drilling operations. You agree that failure cured by Operator. I elect to purchase my own well control insurance lil control insurance procured by Operator, provides, amounted redrilling and clean-up/pollution expense covering driveting Election. The search sellists gas under arm's-length contracts with third purchase sellists gas under arm's-length contracts with third purchase delivered over time. Should you choose to market y usest to Cimarex's Marketing Department, we will share well be deemed an election to market your gas with Cimarex lil be deemed an election to market your gas with Cimarex. I elect to take my gas in kind. I elect to market my gas with Cimarex pursuant to market your gas with cimarex pursuant to make the provided of the	your prorated share of the premiur or Operator, as to form and limits, a to provide the certificate of insural policy. Ing other terms, for \$20,000,000 (10 cirilling (through completion) with a sparty purchasers. Such contracts myour share of gas with Cimarex, you ith you the terms and conditions pix under the terms and conditions so the terms and conditions of its contracts. By approval of this AFE, the introperating agreement, regulator Cimarex Energy Co. Appi	covered by Operator's was therefore. If you elect the time this AFE is ret note, as provided herein, 10% W.I.) of Combined Si 1,000,000 (100% W.I.) of an include fees. In addit will be subject to all of ursuant to which gas will the forth above. Intract.	t to purchase your urned, if available, will result in your langle Limit coverage eductible. cion, penalties may the terms of such cobe sold. Failure to be sold. Failure to be agrees to pay its pible agreement coverage eductions.	be incurred for incontracts. Upon wr make an election	nsuranter tha nsuran and nsuran a		

CD 201604337



Project Cost Estimate

					BCP - Drilling		ACP - Drilling		Completio
					(Dry Hole Cost)				Stimulation
ntangibles		3 2 3 3 M		Codes	FRE CO.	Codes	arres.	Codes	
oads & Location Preparation / Restoration				DIDC.100	\$82,000	1919	27,6,1	STIM.100	\$11,0
amages				DIDC.105	\$20,000			STIM.255	\$60,0
Aud / Fluids Disposal Charges	00 1400 0000 60	1 676 EAN AV	Dar Day	DIDC.255		DICC 120	\$106,000	311W.233	300,0
lay Rate 17.50 DH Days 4. Misc Preparation Cost (mouse hole, rat hole, page 1.1)	ds pile clusters misc.)	\$26,500.00	rei bay	DIDC.115	\$26,000	11111	11111	1311	11111
its	us, pine ciusters, misc.)			DIDC.125	\$126,000	DICC.125	\$0	STIM.125	-
uel \$1.50 Per Gall	lon 1.800	.00 Gallons Per	Day	DIDC.135	\$47,000	DICC.130	\$0	11111	33377
Vater for Drilling Rig / Completion Fluids (Not F	The state of the s			DIDC.140	\$7,000	DICC.135	\$1,000	STIM.135	\$20,0
Aud & Additives				DIDC.145	\$223,000	1111	91111		18182
urface Rentals				DIDC.150	\$50,000	DICC.140	\$0		\$126,0
ownhole Rentals				DIDC.155	\$20,000		994	STIM.145	\$45,0
ormation Evaluation (DST, Coring including eva	aluation, G&G Services			DIDC.160	\$0			STIM.150	****
Aud Logging	15.50 Days	@ \$1,000.00	Per Day	DIDC.170	\$16,000				1111
pen Hole Logging				DIDC.180	\$0	W.	675 000		444
ementing & Float Equipment				DIDC.185	\$13,000	DICC.155	\$75,000	STULL LOO	\$4,
ubular Inspections				DIDC.190	\$7,000	DICC.160	\$10,000		24,
asing Crews				DIDC.195	\$4,000	DICC.165			
xtra Labor, Welding, Etc.				DIDC 205	\$10,000 \$7,000	DICC.170	\$5,000	STIM.170 STIM.175	\$5,
and Transporation (Trucking for tangibles)		\$3,500.00	Per Deu	DIDC.205 DIDC.210	\$93,000	DICC.175	\$14,000		\$59,
upervision		\$3,500.00	rer Day	DIDC.210	\$18,000	DICC.255	\$4,000		\$8,
railer House / Camp / Catering				DIDC.220	\$1,000	DICC.190	\$4,000		\$8,
Other Misc Expenses Overhead				DIDC.225	\$7,000	DICC.195	\$5,000	11111	11111
lemedial Cementing				DIDC.223	\$0	11118	11111	STIM.215	
MOB/DEMOB				DIDC.240	\$94,000	77777	11111	11111	11111
Pirectional Drilling Services				DIDC.245	\$172,000		11111		
Crane for Construction				11111	7111111	11/11	11111	11111	11/11
olids Control				DIDC.260	\$25,000	9////	11/1/	11111	11111
Vell Control Equip (Snubbling Svcs.)				DIDC.265	\$25,000	DICC.240	\$6,000	STIM.240	\$11,
ishing & Sidetrack Operations				DIDC.270	\$0	DICC.245	\$0	STIM.245	
ompletion Rig				11111	111111111111111111111111111111111111111		9313	STIM.115	\$24,
Coil Tubing				11111				STIM.260	\$63,
Completion Logging, Perforating, WL Units, WL	Surveys			11/11	Willist.	A. E. E.	1111	STIM.200	\$126,
Composite Plugs				1111	1111111	11111	4111	STIM.390	\$40,
Stimulation Pumping Charges, Chemicals, Addit	rives, Sand						1111	5TIM.210	\$2,160,
Stimulation Water / Water Transfer / Water Sto	orage					444		STIM.395	\$205,
Cimarex Owned Frac / Rental Equipment				MIL	(HHHH)			STIM.305	\$30,
egal / Regulatory / Curative				DIDC.300	\$20,000		444	444	HH.
	.50 Per Foot			DIDC.285 DIDC.435	\$9,000	DICC.220	\$12,000	STIM.220	\$150,
					\$84,000		313,000	211M1.550	2130,
	rilling Intangibles			111111	8888888	1888	19195	3338	XFFFF
Construction For Flow Lines	nling intangibles					HH	444		
Construction For Flow Lines Construction For Sales P/L	illing intangibles				\$1,760,000	1111	\$272,000		\$3,155,
onstruction For Flow Lines onstruction For Sales P/L	nuing intangibles				\$1,760,000		\$272,000		\$3,155,
ionstruction For Flow Lines Construction For Soles P/L Cotal Intangible Cost Cangible - Well Equipment			6/5		\$1,760,000	HHI.	\$272,000		\$3,155,
Construction For Flow Lines Construction For Sales P/L Fotal Intangible Cost Fangible - Well Equipment Casing	Siz		\$/Foot				\$272,000		\$3,155,
Construction For Flow Lines Construction For Sales P/L Fotal Intangible Cost Fangible - Well Equipment Casing Orive Pipe	Siz	0.0	\$0.00	DWEB.150	\$0		\$272,000		\$3,155,
Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Cangible - Well Equipment Casing Drive Pipe Conductor Pipe	Siz 0 0	0.0	\$0.00	DWEB.150 DWEB.130	\$0 \$0		\$272,000		\$3,155,
ionstruction For Flaw Lines ionstruction For Sales P/L iotal Intangible Cost iangible - Well Equipment iangible - Well Equipment ionsuration of the Pipe ionductor Pipe Water String	Siz 0 0 0	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	DWEB.150 DWEB.130 DWEB.135	\$0 \$0 \$0		\$272,000		\$3,155,
construction For Flaw Lines construction For Sales P/L fotal Intangible Cost angible - Well Equipment casing prive Pipe conductor Pipe Water String purface Casing	Siz 0 0 0 0 0 9.625	0.00 0.00 0.00 1500.00	\$0.00 \$0.00 \$0.00 \$22.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140	\$0 \$0 \$0 \$33,000		\$272,000		\$3,155,
Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Casing Corner Pipe Conductor Pipe Vater String Courage Casing Contend Cosing Co	Siz 0 0 0 0 0 9.625 0 0	0.00 0.00 0.00 1500.00	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145	\$0 \$0 \$0 \$33,000		\$272,000		\$3,155,
Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Cosing Crive Pipe Conductor Pipe Vater String Conference Cosing Contract Cosing C	Siz 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 1500.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 DWEB.155	\$0 \$0 \$0 \$33,000 \$0 \$0		\$272,000		\$3,155,
onstruction For Flaw Lines construction For Sales P/L otal Intangible Cost angible - Well Equipment assing prive Pipe conductor Pipe Vater String urface Casing attermediate Casing 1 Intermediate Casing 2 orilling Liner	Siz 0 0 0 0 9.625 0 0	0.00 0.00 1500.00 0.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 DWEB.155	\$0 \$0 \$0 \$33,000				\$3,155,
Construction For Flaw Lines Construction For Sales P/L Cotal Intangible Cost Casing Conductor Pipe Conductor Pipe Conductor Pipe Conductor Casing Contermediate Casing 1 Intermediate Casing 2 Corilling Liner Production Casing or Liner	Siz 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 DWEB.155	\$0 \$0 \$0 \$33,000 \$0 \$0		\$256,000		
Construction For Flaw Lines Construction For Sales P/L Cotal Intangible Cost Casing Core Pipe Conductor Pipe Water String Counting Counti	Siz 0 0 0 0 9.625 0 0 0 5.5	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 DWEB.155	\$0 \$0 \$0 \$33,000 \$0 \$0	DWEA.100	\$256,000		
Construction For Flow Lines Construction For Sales P/L cotal Intangible Cost Casing Corner Pipe Conductor Pipe Vater String Courage Casing Contended C	Siz 0 0 0 0 9.625 0 0 0 0 0 0 5.5	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 DWEB.155	\$0 \$0 \$33,000 \$0 \$0 \$0 \$0	DWEA.100	\$256,000	STIMT.101 STIMT 105	\$50,
Construction For Flaw Lines Construction For Sales P/L Cotal Intangible Cost Langible - Well Equipment Lasing Drive Pipe Conductor Pipe Water String Confuctor Pipe Water String Contemporary Contempor	Siz 0 0 0 0 9.625 0 0 0 5.5	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$0 \$0	DWEA.100 DWEA.120	\$256,000	STIMT.101 STIMT.105 STIMT.120	\$50,
construction For Flaw Lines Construction For Soles P/L Cotal Intangible Cost angible - Well Equipment Cosing Conductor Pipe Conductor Pipe Conductor Pipe Confuctor Casing Confuctor Casing Confuctor Casing Confuctor Casing Confuctor Casing or Liner Confuction Tie-Back Cubing Confuction Tie-Back Cubing Confuctor Tie-Back Cubing Confuct	Siz 0 0 0 0 9.625 0 0 0 5.5	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120	\$50, \$45,
construction For Flaw Lines construction For Sales P/L otal Intangible Cost angible - Well Equipment casing prive Pipe conductor Pipe Water String urface Casing intermediate Casing 1 intermediate Casing 2 intermediate Casing 2 intermediate Casing or Liner production Casing or Liner production Tie-Back uibing Wellhead, Tree, Chokes iner Hanger, Isolation Packer packer, Nipples	Siz 0 0 0 0 9.625 0 0 0 5.5	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.120	\$50, \$45,
Construction For Flaw Lines Construction For Soles P/L Cotal Intangible Cost Englible - Well Equipment Cosing Corive Pipe Conductor Pipe Water String Fourface Casing Intermediate Casing 1 Intermediate Casing 2 Corilling Liner Production Toesing or Liner Production Tie-Back Valuing Wellhead, Tree, Chokes Iner Hanger, Isolation Packer Packer, Nipples Counting Unit, Engine	5tz 0 0 0 0 9.625 0 0 0 5.5 0 2.875	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.120 STIMT.400	\$50, \$45,
construction For Flaw Lines construction For Sales P/L otal Intangible Cost angible - Well Equipment casing prive Pipe conductor Pipe Vater String urface Casing attermediate Casing 1 ntermediate Casing 2 prilling Liner Production Tie-Back vabing Vellhead, Tree, Chokes iner Hanger, Isolation Packer vacker, Nipples values pownhole Lift Equipment (BHP, Rods, Anchors,	5tz 0 0 0 0 9.625 0 0 0 5.5 0 2.875	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50, \$45,
construction For Flaw Lines construction For Soles P/L otal Intangible Cost angible - Well Equipment casing prive Pipe conductor Pipe Vater String urface Casing antermediate Casing 1 intermediate Casing 2 civilling Liner Production Casing or Liner Production Tie-Back Vabing Vellhead, Tree, Chokes iner Hanger, Isolation Packer Vacker, Nipples Vamping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, angible - Lease Equipment	5tz 0 0 0 0 9.625 0 0 0 5.5 0 2.875	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50, \$45,
construction For Flaw Lines construction For Soles P/L otal Intangible Cost angible - Well Equipment cosing prive Pipe conductor Pipe Voder String urface Casing intermediate Casing 1 intermediate Casing 2 intermediate Casing 2 intermediate Casing or Liner production Casing or Liner production Tie-Back ubing Vellhead, Tree, Chokes iner Hanger, Isolation Packer facker, Nipples founding Unit, Engine founding Life Equipment (BHP, Rods, Anchors, angible - Lease Equipment	5tz 0 0 0 0 9.625 0 0 0 5.5 0 2.875	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50, \$45,
Construction For Flaw Lines Construction For Sales P/L Cotal Intangible Cost Consider Cost Conductor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Cosing Conductor Cosing Contermediate Cosing 1 Contermediate Cosing 2 Corrilling Liner Corduction Cosing or Liner Corduction Tie-Back Corduction Tie-Back Colling Liner Conduction Tie-Back Contermediate Cosing Contermediate Cosing Contermediate Cosing Conduction Tie-Back Contermediate Cosing Contermediate Contermediate Cosing Cosing Cosing Cosin	Stz O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50, \$45,
construction For Flaw Lines construction For Sales P/L otal Intangible Cost angible - Well Equipment casing prive Pipe conductor Pipe conduction Casing 1 contermediate Casing 2 conduction Casing or Liner conduction Tie-Bock c	Siz 0 0 9,625 0 0 0 5,5 0 2,875 ESP, GVLs, PC Pump)	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50, \$45,
Construction For Flaw Lines Construction For Soles P/L Cotal Intangible Cost Angible - Well Equipment Cosing Corner Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conduction Casing 1 Intermediate Casing 1 Intermediate Casing 2 Corilling Liner Corduction Casing or Liner Corduction Tie-Back Cubing Conduction Tie-Back Cubing Conduction Tie-Back Cubing Common Life Region Common Life Life Equipment Common Life Lase Equipment Common Life Lase Equipment Common Life Lase Equipment Conduction Tie-Back	Siz 0 0 9,625 0 0 0 5,5 0 2,875 ESP, GVLs, PC Pump)	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50, \$45,
Construction For Flaw Lines Construction For Soles P/L Cotal Intangible Cost Englible - Well Equipment Cosing Covine Pipe Conductor Pipe Water String Confirm Cosing Cosin	Siz 0 0 9,625 0 0 0 5,5 0 2,875 ESP, GVLs, PC Pump)	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50, \$45,
Construction For Flaw Lines Construction For Sales P/L Total Intangible Cost Cost Intangible Cost Cost Intangible Cost Cost Intangible Cost Cost Intangible Cost Conductor Pipe Conductor Pipe Conductor Pipe Conductor String Conductor Cosing Contermediate Cosing 1 Contermediate Cosing 2 Corilling Liner Corduction Cosing or Liner Corduction Tie-Back Cost Intermediate Cosing Conduction Tie-Back Cost Intermediate Cosing Conduction Tie-Back Conduction Tie-Back Conduction Tie-Back Control Tie-Back Conductor Control Tie-Back Cont	Siz O O O O O O O O O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50 \$45 \$16
construction For Flaw Lines construction For Sales P/L otal Intangible Cost angible - Well Equipment casing prive Pipe conductor Pipe Vater String urface Casing intermediate Casing 1 intermediate Casing 2 corilling Liner reduction Casing or Liner reduction Tie-Back vabing Vellhead, Tree, Chokes iner Hanger, Isolation Packer larcker, Nipples lamping Unit, Engine lownhole Lift Equipment (BHP, Rods, Anchors, empible - Lease Equipment lanks, Tanks Steps, Stairs lottery (Heater Treater, Separator, Gas Treatin econdary Containments by erhead Power Distribution (electric line to far acility Electrical & Automation	Siz O O O O O O O O O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50 \$45 \$16
onstruction For Flaw Lines onstruction For Sales P/L otal Intangible Cost angible - Well Equipment assing prive Pipe onductor Pipe Vater String urface Casing attermediate Casing 1 intermediate Casing 2 intermediate Casing 2 intermediate Casing or Liner roduction Casing or Liner roduction Tie-Back vabing vellhead, Tree, Chokes iner Hanger, Isolation Packer vacker, Nipples umping Unit, Engine bownhole Lift Equipment (BHP, Rods, Anchors, angible - Lease Equipment anks, Tanks Steps, Stairs lattery (Heater Treater, Separator, Gas Treatin econdary Containments brerhead Power Distribution (electric line to far acility Electrical & Automation WD Connection low Lines (Line Pipe from wellhead to central f lippline to Sales	Siz O O O O O O O O O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA.100 DWEA.120	\$256,000 \$0 \$12,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$50 \$45 \$16
construction For Flaw Lines construction For Sales P/L otal Intangible Cost angible - Well Equipment casing prive Pipe conductor Pipe Vater String urface Casing attermediate Casing 1 attermediate Casing 2 prilling Liner production Casing or Liner production Tie-Back ubing Vellhead, Tree, Chokes iner Hanger, Isolation Packer forcker, Nipples forwhole Lift Equipment (BHP, Rods, Anchors, langible - Lease Equipment docker, Nesses Equipment for Clease Equipment anks, Tanks Steps, Stairs lattery (Heater Treater, Separator, Gas Treatin econdary Containments overhead Power Distribution (electric line to far acidity Electrical & Automation WD Connection	Siz O O O O O O O O O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$0 \$0 \$12,000 \$0	DWEA 100 DWEA 165 DWEA.125	\$256,000 \$0 \$12,000 \$0	STIMT.101 STIMT.120 STIMT.400 STIMT.400	\$500 \$45 \$16 \$19
onstruction For Flaw Lines onstruction For Sales P/L otal Intangible Cost angible - Well Equipment assing prive Pipe onductor Pipe Vater String urface Casing attermediate Casing 1 intermediate Casing 2 intermediate Casing 2 intermediate Casing or Liner roduction Casing or Liner roduction Tie-Back vabing vellhead, Tree, Chokes iner Hanger, Isolation Packer vacker, Nipples umping Unit, Engine bownhole Lift Equipment (BHP, Rods, Anchors, angible - Lease Equipment anks, Tanks Steps, Stairs lattery (Heater Treater, Separator, Gas Treatin econdary Containments brerhead Power Distribution (electric line to far acility Electrical & Automation WD Connection low Lines (Line Pipe from wellhead to central f lippline to Sales	Siz O O O O O O O O O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$33,000 \$0 \$0 \$12,000	DWEA 100 DWEA 165 DWEA.125	\$256,000 \$0 \$12,000	STIMT.101 STIMT.120 STIMT.400 STIMT.400	\$50 \$45 \$16
construction For Flow Lines construction For Soles P/L cotal Intangible Cost angible - Well Equipment assing arrive Pipe conductor Pipe conductor Pipe conductor String corrected assing 1 ctermediate Casing 1 ctermediate Casing 2 cirlling Liner roduction Tie-Back abing cellihead, Tree, Chokes ner Hanger, Isolation Packer acker, Nipples cownhole Lift Equipment (BHP, Rods, Anchors, angible - Lease Equipment A/C Lease Equipment anaks, Tanks Steps, Stairs attery (Heater Treater, Separator, Gas Treatin econdary Containments werhead Power Distribution (electric line to far actifity Electrical & Automation WD Connection ow Lines (Line Pipe from wellhead to central f pelline to Sales leters and Metering Equipment actal Tangibles	Siz O O O O O O O O O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.135 DWEB.140 DWEB.145 DWEB.145 DWEB.160 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$12,000 \$0 \$12,000	DWEA.120 DWEA.125	\$256,000 \$0 \$12,000 \$0 \$0 \$268,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$50 \$45 \$16 \$19
construction For Flow Lines construction For Soles P/L cotal Intangible Cost Intelligible - Well Equipment using urface Casing urface Casing urface Casing termediate Casing 1 termediate Casing 2 rilling Liner roduction Tie-Back ubing tellhead, Tree, Chokes ner Hanger, Isolation Packer acker, Nipples umping Unit, Engine ownhole Lift Equipment (BHP, Rods, Anchors, mighible - Lease Equipment tanks, Tanks Steps, Stairs attery (Heater Treater, Separator, Gas Treatin technique Connection activity Electrical & Automation WD Connection own Lines (Line Pipe from wellhead to central f pelline to Sales leters and Metering Equipment	Siz O O O O O O O O O	0.0 0.0 0.0 1500.0 0.0 0.0 0.0 17050.0	\$0.00 \$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$0.00 \$15.00 \$0.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.155 DWEB.160	\$0 \$0 \$33,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$12,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA 100 DWEA 165 DWEA.125	\$256,000 \$0 \$12,000 \$0 \$0 \$268,000	STIMT.101 STIMT.120 STIMT.400 STIMT.400	\$50 \$45 \$16 \$19



Project Cost Estimate

		ALC: NO.			Production		Post	Total We
							Completion	
					Equipment /			Cost
Intengibles Roads & Location Preparation / Restoration		TA PAISON		Codes CON.100	Construction \$4,700	PCOM.100	\$3,200	\$100,90
Damages				CON.105	\$4,760	PCONI. 100	77777	\$20,00
Mud / Fluids Disposal Charges				9111	1111111	PCOM.255	\$76,557	\$226,5
	CP Days @	\$26,500.00	Per Day	44	444A	HH.		\$570,0
Misc Preparation Cost (mouse hole, rat hole, pads, pile	clusters, misc.)			444	4444			\$26,0
Fuel \$1.50 Per Gallon	1 800 00	Gallons Per D	av	999		PCOM.125 PCOM.130	\$0 \$0	\$126,0
Nater for Drilling Rig / Completion Fluids (Not Frac Wo		GUNDAY CT D	,	1111		PCOM.135	\$5,500	\$33,5
Mud & Additives				13111		111111	MARIE.	\$223,0
Surface Rentals				CON 140	\$9,650	PCOM.140	\$121,260	\$306,9
Downhole Rentals Formation Evaluation (DST, Coring including evaluatio	n GRG Services			1111		PCOM.145	\$0	\$65,0
Mud Lagging	15.50 Days @	\$1,000.00	Per Day	1111	mm			\$16,0
Open Hale Logging								
Cementing & Float Equipment				44			£2.700	\$88,0
Tubular Inspections Casing Crews				1411	4444	PCOM 160	\$3,700	\$24,7
Extra Labor, Welding, Etc.				CON.170	\$67,550	PCOM.170	\$18,000	\$100,5
and Transporation (Trucking for tangibles)				CON.175	\$16,500	PCOM.175	\$6,800	\$48,3
Supervision		\$3,500.00	Per Day	CON.180	\$5,100	PCOM.180	\$9,000	\$180,1
Trailer House / Camp / Catering					CAROL	20011		\$30,0
Other Misc Expenses Overhead				CON.190	\$4,000	PCOM.190	\$0	\$13,0
Remedial Cementing				1111	1111111	PCOM.215	\$0	312,0
MOB/DEMOB				11/11	2111111	11111	11/1/11	\$94,0
Directional Drilling Services				11/11	1111111	11/11	111111	\$172,0
Crane for Construction				CON.230	\$0		4444	
Solids Control Well Control Equip (Snubbing Svcs.)				(HH)		PCOM.240	\$3,960	\$25,0 \$45,9
Fishing & Sidetrack Operations				1111		PCOM.245	\$0	413,5
Completion Rig				3311		PCOM.115	\$13,800	\$37,8
Coil Tubing						PCOM.260	\$0	\$63,0
Completion Logging, Perforating, WL Units, WL Survey	/S			444	444	PCOM.200 PCOM.390	\$8,000	\$134,0
Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Si	and			999		PCOM.210	\$0	\$2,160,0
Stimulation Water / Water Transfer / Water Storage	0110			1111		111111	1111111	\$205,0
Cimarex Owned Frac / Rental Equipment								\$30,0
Legal / Regulatory / Curative				CON.300	\$0			\$20,0
Well Control Insurance \$0.50 Pe Contingency 5.0 % of Drilling In				CON.220	50	PCOM.220	\$22,400	\$9,0
	ntongioles			CON.310		PCOW1.220	222,100	
Construction For Flow Lines					\$0	11111	1111111	-
Construction For Flow Lines Construction For Sales P/L				CON.265	\$0 \$0		999	
				-			\$292,177	
Construction For Sales P/L Total Intangible Cost				-	\$0		\$292,177	
Construction For Sales P/L Total Intangible Cost Tangible - Well Equipment	Size	Feet	\$/Foot	-	\$0		\$292,177	
Construction For Sales P/L Total Intangible Cost	Size 0	Feet 0.00	\$/Foot \$0.00	-	\$0		\$292,177	
Construction For Sales P/L Total Intangible Cost Tangible - Well Equipment Cosing Drive Pipe Conductor Pipe	0	0.00	\$0.00 \$0.00	-	\$0		\$292,177	\$5,586,6
Construction For Sales P/L Fotal Intangible Cost Fangible - Well Equipment Cassing Drive Pipe Conductor Pipe Water String	0 0 0	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	-	\$0		\$292,177	\$5,586,6
Construction For Sales P/L Total Intangible Cost Tangible - Well Equipment Cassing Drive Pipe Conductor Pipe Water String Surface Casing	0 0 0 9.625	0.00 0.00 0.00 1500.00	\$0.00 \$0.00 \$0.00 \$22.00	-	\$0		\$292,177	\$5,586,6
Construction For Sales P/L Total Intangible Cost Tangible - Well Equipment Cosing Drive Pipe	0 0 0	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	-	\$0		\$292,177	\$5,586,6
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Fourface Casing Intermediate Casing 1 Intermediate Casing 2 Onlling Liner	0 0 0 9.625 0 0	0.00 0.00 0.00 1500.00 0.00 0.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00	-	\$0		\$292,177	\$5,586,6 \$33,0
Construction For Sales P/L Fotal Intangible Cost Formula Intangible Cost Formula Intangible Cost Formula Intangible Cost Formula Internet Inte	0 0 0 9.625 0 0 0 5.5	0.00 0.00 0.00 1500.00 0.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$0		\$292,177	\$5,586,6 \$33,0 \$256,0
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Furface Casing Intermediate Casing 1 Intermediate Casing 2 Ordilling Liner Production Casing or Liner Production Tie-Back	0 0 9.625 0 0 0 5.5	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$0			\$5,586,6
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Entermediate Casing Intermediate Casing 1 Intermediate Casing 2 Production Casing or Liner Production Tie-Back Fulling	0 0 0 9.625 0 0 0 5.5	0.00 0.00 0.00 1500.00 0.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$0	PCOMT.105		\$5,586,6 \$33,0 \$256,0 \$100,0
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Entermediate Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Fulling Wellhead, Tree, Chokes	0 0 9.625 0 0 0 5.5	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$0	PCOMT.105		\$5,586,6 \$33,0 \$256,0 \$100,0
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Foreface Casing Intermediate Casing 1 Intermediate Casing 2 Ordilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples	0 0 9.625 0 0 0 5.5	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$0	PCOMT.400	\$50,000 \$13,600	\$33,0 \$256,0 \$100,0 \$69,0
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Intermediate Casing Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Dumping Unit, Engine	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$0	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,6 \$256,6 \$100,6 \$69,6
Construction For Sales P/L Total Intangible Cost Costing Conductor Pipe Conductor Pipe Water String Curface Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes iner Hanger, Isolation Packer Packer, Nipples Downhole Lift Equipment (BHP, Rods, Anchors, ESP, G) Downhole Lift Equipment (BHP, Rods, Anchors, ESP, G)	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$0	PCOMT.400	\$50,000 \$13,600	\$33,6 \$256,6 \$100,6 \$69,6
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Driving Liner Production Casing or Liner Production Tie-Back Fubing Wellhead, Tree, Chokes Inner Hanger, Isolation Packer Packer, Nippies Dumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, G) Fangible Lease Equipment	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CON 265	\$107,500	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$33,0 \$256,0 \$100,0 \$69,0 \$37,5
Construction For Sales P/L Cotal Intangible Cost Cangible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Unface Casing Intermediate Casing 1 Intermediate Casing 2 Domling Liner Production Casing or Liner Production Tie-Back Vubing Wellhead, Tree, Chokes Inter Hanger, Isolation Packer Packer, Nipples Cownhole Lift Equipment (BHP, Rods, Anchors, ESP, Gl Conglibre Lease Equipment Lot Clease Equipment	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	-	\$107,500 \$107,500 \$69,386 \$41,892	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$256,0 \$100,0 \$69,0 \$37,5 \$41,6
Construction For Sales P/L Total Intangible Cost Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Jiner Hanger, Isolation Packer Packer, Nippies Pownhole Lift Equipment Total Case Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equip Battery (Heater Treater, Separator, Gas Treating Equip	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CON 265 CONT.400 CONT.405 CONT.405	\$107,500 \$107,500 \$69,386 \$41,892 \$107,428	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$33,0 \$256,0 \$100,0 \$69,0 \$29,6 \$37,5 \$41,8 \$107,4
Construction For Sales P/L Fotal Intangible Cost Cannoble - Well Equipment Casing Drive Pipe Conductor Pipe Water String Gurface Casing Intermediate Casing 1 Intermediate Casing 2 Intermediate Casing 2 Intermediate Casing 2 Intermediate Casing or Liner Production Tie-Back Fubing Wellhead, Tree, Chokes Inner Hanger, Isolation Packer Packer, Nippies Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Gl Fantible - Lease Equipment Canks, Tanks Steps, Stairs Sattery (Heater Treater, Separator, Gas Treating Equipment Geondary Containments	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.410 CONT.410	\$69,386 \$41,892 \$107,428 \$8,500	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$33,0 \$256,0 \$100,0 \$69,0 \$29,6 \$37,5 \$41,8 \$107,4
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Forder Casing Intermediate Casing 1 Intermediate Casing 2 Orilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes John Tie-Back Forder Casing Casing Casing Casing Casing Forduction Tie-Back Forduct	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.405 CONT.405 CONT.415 CONT.420	\$69,386 \$41,832 \$107,489 \$8,500 \$0	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$33,0 \$256,0 \$100,0 \$69,0 \$29,6 \$37,5 \$41,8 \$107,4 \$8,5
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Intermediate Casing 2 Intermediate Casing 2 Intermediate Casing 7 Intermediate Casing 7 Intermediate Casing 8 Intermediate Casing 9 Intermediate Casing	0 0 0 9.625 0 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.410 CONT.410	\$69,386 \$41,892 \$107,428 \$8,500	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$256,0 \$100,0 \$69,0 \$37,5 \$41,8 \$107,4 \$8,5
Construction For Sales P/L Fotal Intangible Cost Familian Cost Formal Intangible Cost Familian Cost Formal Cost Form	0 0 0 9.625 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.410 CONT.410 CONT.420 CONT.420	\$69,386 \$41,892 \$107,428 \$8,500 \$55,200	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$256,0 \$100,0 \$69,0 \$37,5 \$41,8 \$107,4 \$8,5
Construction For Sales P/L Fotal Intangible Cost Cannible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Fubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Gl Engible - Lease Equipment V/C Lease Equipment Saltery (Heater Treater, Separator, Gas Treating Equipments) Diverhead Power Distribution (electric line to facility) Facility Electrical & Automation WWO Connection Flow Lines (Line Pipe from wellhead to central facility) Dippline to Sales	0 0 0 9.625 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.400 CONT.410 CONT.425 CONT.425 CONT.435 CONT.435	\$69,386 \$41,892 \$107,428 \$0,55,200 \$0,55,200 \$0	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$256,0 \$100,0 \$69,0 \$37,5 \$69,3 \$41,8 \$107,4 \$8,5
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Driving Liner Production Casing or Liner Production Tie-Back Fubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Gl Engible - Case Equipment V/C Lease Equipment Soverhead Power Distribution (electric line to facility) Facility Electrical & Automation WIMD Connection Filow Lines (Line Pipe from wellhead to central facility) Filowlines (Line Pipe from Wellhead to Central Facility)	0 0 0 9.625 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.405 CONT.410 CONT.415 CONT.420 CONT.430 CONT.430	\$69,386 \$41,892 \$107,428 \$8,500 \$55,200 \$0 \$67,500	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0 \$18,500	\$33,0 \$256,0 \$100,0 \$69,0 \$29,6 \$37,5 \$41,6 \$107,4 \$8,5 \$55,2
Construction For Sales P/L Fotal Intangible Cost Casing Drive Pipe Conductor Pipe Water String Forder Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Inner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Gl Cangible Lease Equipment W/C Lease Equipment Canks, Tanks Steps, Stairs Bacttery (Heater Treater, Separator, Gas Treating Equip Bicecondary Containments Diverhead Power Distribution (electric line to facility) Fordity Electrical & Automation WWD Connection Filippline to Sales	0 0 0 9.625 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.400 CONT.410 CONT.425 CONT.425 CONT.435 CONT.435	\$69,386 \$41,892 \$107,428 \$0,55,200 \$0,55,200 \$0	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0	\$33,0 \$33,0 \$256,0 \$100,0 \$69,0 \$37,5 \$69,3 \$41,8 \$107,4 \$8,5
Construction For Sales P/L Cotal Intangible Cost Casing Drive Pipe Conductor Pipe Conduction Pipe Conduction Casing 1 Contermediate Casing 1 Conduction Casing or Liner Conduction Casing or Liner Conduction Tie-Back Could Conduction Tie-Back Could Conduction Tie-Back Could Conduction Packer Conduction Tie-Back Could Conduction Packer Conduction Casing or Liner Conduction Tie-Back Could Conduction Packer Conduction Tie-Back Could Conduction Packer Conduction Conduction Conduction Packer Conduction Conduction (electric line to facility) Conduction Conduction Conduction Conduction Packer Conduction Packer Conduction Conduction Conduction Packer Conduction Packer Conduction Conduction Conduction Packer Conduction Conduction Conduction Packer Conduction Conduction Conduction Cond	0 0 0 9.625 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.400 CONT.410 CONT.425 CONT.425 CONT.435 CONT.435	\$69,386 \$41,892 \$107,428 \$8,500 \$55,200 \$0 \$67,500	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0 \$18,500	\$33,0 \$256,0 \$100,0 \$69,0 \$37,5 \$41,6 \$107,4 \$8,5 \$55,2
construction For Sales P/L otal Intangible Cost angible - Well Equipment asing trive Pipe onductor Pipe Vater String urface Casing attermediate Casing 1 attermediate Casing 2 triviling Liner roduction Casing or Liner roduction Tie-Back whing Wellhead, Tree, Chokes inner Hanger, Isolation Packer acker, Nipples umping Unit, Engine townhole Lift Equipment (BHP, Rods, Anchors, ESP, Gl angible - Lease Equipment Arches Equipment Arches Tanks Steps, Stairs attery (Heater Treater, Separator, Gas Treating Equip econdary Containments werhead Power Distribution (electric line to facility) accility Electrical & Automation WD Connection low Lines (Line Pipe from wellhead to central facility) ippline to Sales Meters and Metering Equipment	0 0 0 9.625 0 0 5.5 0 2.875	0.00 0.00 0.00 1500.00 0.00 0.00 17050.00	\$0.00 \$0.00 \$0.00 \$22.00 \$0.00 \$0.00 \$15.00	CONT.400 CONT.400 CONT.400 CONT.410 CONT.425 CONT.425 CONT.435 CONT.435	\$69,386 \$41,892 \$107,428 \$8,500 \$55,200 \$0 \$67,500	PCOMT.400 PCOMT.405	\$50,000 \$13,600 \$0 \$18,500	\$33,0 \$256,0 \$100,0 \$69,0 \$29,6 \$37,5 \$41,6 \$107,4 \$8,5 \$55,2