

## **Authorization For Expenditure**

ompany Entity IMAREX ENERGY CO				Date Prepare		12, 2016		
n day	Well Name	Prospect or Field Name	Property Number	NO CONTRACTOR	Drillian	AFE NO.		
	ee BIA 1H-2215X	CANA NORTHWEST PROSPECT				Marie Marie		
		Family	500	155450 DEC	T) n	e Weli	s Anton Allenda	
ocation		County	State	Oil	and the second second	Expl	X	
ection 22 & 15-16N-12W, Blaine (	County, Oklahoma	Blaine	OK	Gas X		Prod		
dimate Tyna		Est.Start Bate E	t. Comp Date	Farma	tion		swed Dep	
riginal Estimate	X			Mississippi		21,270' Ttl Vertical Dei		
evised Estimate upplemental Estimate				Managasiphi		11,270'		
		ace casing. Drill to 9548', set intermedial rmation. Run and cement production ca		tages. Drill out	t plugs. Ri		ion tubing	
rilling Costs	7	\$3,862,000		WWW.		\$3,862,00	\$3,862,000	
Completion Costs			\$5,587,500		en ministration — — — — — — — — — — — — — — — — — — —	\$5,587,50		
otal Intangible Costs		\$3,862,000	\$5,587,500			\$9,449,5	JU	
angibles		eard non	écac ann	Т		\$1 002 0	00	
Vell Equipment ease Equipment		\$456,000	\$626,800 \$346,400	Company of the last of the las	electrical designation of the second	\$1,082,80		
otal Tangible Well Cost		\$456,000	\$973,200			\$1,429,2	-	
lug and Abandon Cost		\$0	\$0			\$0		
otal Well Cost		\$4,318,000	\$6,560,70	0	\$10,878,700			
Veli Control Insurance		S and CEPS guidelines using the Historic			200 Me 1111	coured by	Opento	
Well Control Insurance. Inless otherwise indicated below, ong as Operator conducts operative our must provide a certificate of summencement of drilling operation coursed by Operator.  I elect to purchase my overlicontrol insurance procured by	you, as a non-operatin ons hereunder and to p uch insurance acceptab ons. You agree that fail wn well control insurar y Operator, provides, a	g working interest owner, agree to be co ay your prorated share of the premiums le to Operator, as to form and limits, at i lure to provide the certificate of insuran- nce policy. mong other terms, for \$20,000,000 (100)	vered by Operator's w therefore. If you elect the time this AFE is retu- ce, as provided herein, (6 W.I.) of Combined Si	t to purchase urned, if avail will result in t ngle Limit cov	your own able, but your bein	well contr in no event g covered l	ol insurar t later tha by Insurar	
Veli Control Insurance: Inless otherwise indicated below, ong as Operator conducts operative our must provide a certificate of stommencement of drilling operation coursed by Operator.  I elect to purchase my of Veli control insurance procured by elated redrilling and clean-up/polimarex sells its gas under arm's-leodumes delivered over time. Shot equest to Cimarex's Marketing Decuest to Cimarex's Marketing Decues to Cimarex's Marketing Decue	you, as a non-operatin ons hereunder and to p uch insurance acceptabons. You agree that fail own well control insurance operator, provides, a llution expense covering the contracts with this uld you choose to mark epartment, we will share on the contracts with this partment, we will share on the contracts with this partment, we will share on the contracts with this partment, we will share on the contracts with this partment, we will share on the contracts with this partment, we will share on the contracts with this partment, we will share on the contracts with this partment, we will share on the contracts with this partment, we will share on the contracts with this partment.	g working interest owner, agree to be co ay your prorated share of the premiums le to Operator, as to form and limits, at i ure to provide the certificate of insuran nee policy.  mong other terms, for \$20,000,000 (100' g drilling (through completion) with a \$1 rd party purchasers. Such contracts may et your share of gas with Cimarex, you we with you the terms and conditions pur-	evered by Operator's w therefore. If you elect the time this AFE is retu- te, as provided herein, W.W.I.) of Combined SI 000,000 (100% W.I.) d include fees. In addit till be subject to all of to suant to which gas will	t to purchase urned, if availa will result in ngle Limit coveductible.	your own able, but your bein rerage for a may be is uch contri	well contri in no event g covered l well contri nourred for acts. Upon	ol insurar tater tha by insurar ol and r insufficie written	
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Lease Name:

					BCP - Drilling		ACP - Drilling		Completion /
				(Dry Hole Cast)					Stimulation
Intangibles				Codes	(Dif noic cost)	Codes		Codes	
Roads & Location Preparation / Restoration				DIDC,100	\$160,000	WWW.	MIMIMIN A	STIM.100	\$30,00
Damages					\$28,000		<i>41111111111</i>		
Mud / Fluids Disposal Charges		I .	,	DIDC.255	\$120,000			STIM.255	\$120,00
The second secon	ACP Days @	55.00	Per Day	DIDC.115	\$1,301,000	DICC.120	\$131,000		
Misc Preparation Cost (mouse hole, rat hole, pads, p Bits	nie ciusters, misc.)			DIDC.120	\$26,000 \$170,000	DICC.125	\$0	STIM.125	\$
Fuel :: \$2.00a Per Gallon	e a sama	Gallons Per D	av	DIDC.135	\$180,000	DICC.130	50	31IM.123	
Water for Drilling Rig / Completion Fluids (Not Frac			Managaran Lan	DIDC.140	\$30,000	DICC.135	\$1,000	STIM.135	\$
Mud & Additives				DIDC.145	\$400,000	MILLIAM		MAMMA.	MIMMAN
Surface Rentals				DIDC_150	\$120,000	DICC.140	50		\$140,00
Downhole Rentals				DIDC.155	\$30,000			STIM.145 STIM.150	\$ \$
Formation Evaluation (DST, Coring Including evaluation	48.00 Days	\$1,000.00	Due Day	DIDC,160	\$48,000			STIM.150	
Mud Logging Open Hole Logging	40.00 Days &	31,000.00	rerouy	DIDC.180	\$40,000				
Cementing & Float Equipment				DIDC.185	\$45,000	DICC.155	\$130,000		
Tubular Inspections				DIDC.190	\$17,000	DICC.160	\$10,000	STIM,160	\$
Casing Crews				DIDC.195	\$28,000	DICC.165	\$25,000	STIM.165	\$
Extra Labor, Welding, Etc.				DIDC,200	\$18,000	DICC.170	\$5,000	5TIM.170	\$
Land Transporation (Trucking for tangibles)		T Carmon ros	In	DIDC 205	\$18,000	DICC.175	\$9,000	STIM.175	\$5,00
Supervision Trailer House / Camp / Catering		14000000	Per Day	DIDC.210	\$220,000	DICC.180 DICC.255	\$15,000 \$5,000	STIM.180 STIM.280	\$67,00 \$13,00
Other Misc Expenses				DIDC.220	\$2,000	DICC.190	\$3,000	5TIM.190	\$15,00
Overhead Overhead				DIDC.225	\$11,000	DICC,195	\$5,000		723,00
Remedial Cementing				DIDC.231	\$0			STIM.215	\$
MOB/DEMO8				DIDC.240	\$215,000				
Directional Drilling Services				DIDC,245	\$300,000			umm.	
Crane for Construction									
Solids Control				DIDC.260	\$43,000		£10.000		C15 00
Well Control Equip (Snubbling Svcs.) Fishing & Sidetrack Operations				DIDC.265 DIDC.270	\$60,000	DICC.240 DICC.245	\$10,000	STIM.240 STIM.245	\$15,00
Completion Rig						111111111111111111111111111111111111111		STIM.115	\$0
Coll Tubing		arauguitu sas <b>ed</b> es s						STIM.260	\$350,000
Completion Logging, Perforating, WL Units, WL Surv	reys	320032	i i yaba i kiliku ji				uuuuniin	STIM.200	\$213,00
Composite Plugs								STIM.390	\$113,000
Stimulation Pumping Charges, Chemicals, Additives,								STIM.210	\$2,881,000
Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment								STIM,395 STIM.305	\$299,000
Legal / Regulatory / Curative				DIDC.300	\$20,000				
Legal / Regulatory / Curative Well Control Insurance \$1.00	Per Foot			DIDC.300 DIDC.285	\$20,000 \$21,000				
Well Control Insurance \$1.00 Contingency % of Drilling					The second second	DICC.220	\$13,000	\$TIM.220	
Well Control Insurance \$1.00 Contingency % of Drilling Construction For Flow Lines				DIDC.285	\$21,000	DICC.220	\$13,000		
Well Control Insurance \$1.00  Contingency				DIDC.285	\$21,000 \$184,000	DICC.220			\$219,000
Well Control Insurance \$1.00  Contingency				DIDC.285	\$21,000	DICC.220	\$13,000 \$359,000		\$219,000
Well Control Insurance \$1.00 Contingency % of Drilling				DIDC.285	\$21,000 \$184,000	DICC.220			\$219,000
Well Control Insurance \$1.00 Contingency 6 of Drilling Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangible Well Equipment Cosing	n intangibles	Feet	\$/Foot	DIDC.285 DIDC.435	\$21,000 \$184,000 \$3,862,000	DICC.230			\$219,000
Well Control Insurance \$1.00 Contingency of Drilling Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tongible - Well Equipment Cosing Drive Pipe	intangibles    Size   0	0.00	\$0.00	DIDC.285 DIDC.435 DIDC.435	\$21,000 \$184,000 \$3,862,000 \$0	DICC.220			\$219,000
Well Control Insurance \$1.00 Contingency \$6 of Drilling Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tangible Well Equipment Cosing Drive Pipe Conductor Pipe	Size 0	0.00	\$0.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130	\$21,000 \$184,000 \$3,862,000 \$0 \$0	DICC 220			\$219,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tensible Well Equipment Cosing Drive Pipe Conductor Pipe Water String	Size 0 0	0.00 0.00	\$0.00 \$0.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135	\$21,000 \$184,000 \$3,862,000 \$0 \$0	DICC-220			\$219,000
Well Control Insurance \$1.00 Contingency Of Drilling Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tensible: Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing	Size   0   0   0   13.375	0.00 0.00 0.00 1500.00	\$0.00 \$0.00 \$0.00 \$36.21	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000	DICC-550			\$219,000
Well Control Insurance \$1.00 Contingency Of Drilling Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tensible: Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing	Size 0 0	0.00 0.00	\$0.00 \$0.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$0 \$54,000 \$367,000	DICC-220			\$219,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tongible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing	Size   0   0   0   13.375   9.625	0.00 0.00 0.00 1500.00 9548.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.135 DWE3.140 DWE3.145	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000	DICC-220			\$219,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Englisher Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surfoce Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Cosing or Liner	Size   0   0   0   13.375   9.625   0   0   5.5	9.00 0.00 1500.00 9548.00 0.00 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00	DIDC.435 DIDC.435 DWE8.150 DWE8.130 DWE8.145 DWE8.145 DWE8.155	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0	DICC.220	\$359,000	\$TIM.220	\$219,00
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tongible Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Cosing or Liner Production Tie-Back	Size   0   0   0   13.375   9.625   0   0   5.5   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.435 DIDC.435 DWE8.150 DWE8.130 DWE8.145 DWE8.145 DWE8.155	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0		\$359,000	STIM.220	\$219,00
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Langible Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing	Size   0   0   0   13.375   9.625   0   0   5.5	9.00 0.00 1500.00 9548.00 0.00 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.130 DWE3.135 DWE3.145 DWE8.160	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0	DWEA.100 DWEA.165	\$359,000 \$458,000 \$0	\$TIM.220	\$219,000 \$4,590,000 \$5,590,000
Well Control Insurance \$1.00 Contingency \$600 % of Drilling Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tensible: Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubbing Wellhead, Tree, Chokes	Size   0   0   0   13.375   9.625   0   0   5.5   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.155 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIM.220	\$219,000 \$4,590,000 \$5,590,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tengible: Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surfoce Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer	Size   0   0   0   13.375   9.625   0   0   5.5   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.130 DWE3.135 DWE3.145 DWE8.160	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0	DWEA.100 DWEA.165	\$359,000 \$458,000 \$0	STIMT.101 STIMT.120	\$219,00 \$4,590,00 \$5,590,00 \$5,590,00
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tongelia: Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Cosing or Liner Production Tie-Back Tubling Wellhead, Tree, Chokes Liner Hanger, Isolotion Packer Packer, Nipples	Size   0   0   0   13.375   9.625   0   0   5.5   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.155 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIM.220  STIMT.101 STIMT.105 STIMT.120 STIMT.120	\$219,00 \$4,590,00 \$5,500 \$5,00
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tengible: Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surfoce Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer	Size   0   0   0   0   0   0   0   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.155 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT.101 STIMT.120	\$219,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Langible Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine	Size   0   0   0   0   0   0   0   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.155 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tongible Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Cosing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, TENGISCH, Casse Equipment N/C Lease Equipment	Size   0   0   0   0   0   0   0   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.155 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,00 \$4,590,00 \$4,590,00 \$5,00 \$5,00 \$5,00
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tongible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Tongible Lease Equipment Tanks, Tanks Steps, Stairs	Size   0   0   0   0   0   0   0   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.155 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tengible Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Tanislibe Lease Equipment Tanks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equ	Size   0   0   0   0   0   0   0   0   0	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.155 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tengables Well Equipment Cosing Drive Pipe Water String Surfoce Cosing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment N/C Lease Equipment Tanks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipments) Secondary Containments	Size   0   0   0   0   13.375   9.625   0   0   0   2.375     GVLs, PC Pump)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Total Intermediate Cosing Drive Pipe Water String Surfoce Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nippies Pumping Unit, Engine Downahole Lift Equipment (BHP, Rods, Anchors, ESP, Tengistic Lease Equipment Tanks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Eq. Secondary Containments Overhead Power Distribution (electric line to facility,	Size   0   0   0   0   13.375   9.625   0   0   0   2.375     GVLs, PC Pump)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tangible Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Tensible Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treaters, Separator, Gas Treating Equipment) Verenach Verenach Section (Packer) Coverhead Rower Distribution (electric line to facility, Facility Electrical & Automation	Size   0   0   0   0   13.375   9.625   0   0   0   2.375     GVLs, PC Pump)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,00 \$4,590,00 \$4,590,00 \$5,00 \$5,00 \$5,00
Well Control Insurance Contingency Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tengibles Well Equipment Cosing Drive Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Dorilling Liner Production Cosing or Liner Production Cosing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Tengibles Lease Equipment Tonks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equ Secondary Containments Overhead Rower Distribution (electric line to facility, Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to central facility Flow Lines (Line Pipe from wellhead to central facility	Size   0   0   0   13.375   9.625   0   0   2.375     GVLs, PC Pump     uipment)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,00 \$4,590,00 \$4,590,00 \$5,00 \$5,00 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Total Intermediate Cosing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubling Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Pocker, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, 15 in 1916) Lease Equipment Tanks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipments, Containments Overhead Power Distribution (electric line to facility, Facility Electrical & Automation SWD Connection Pipeline to Soles	Size   0   0   0   13.375   9.625   0   0   2.375     GVLs, PC Pump     uipment)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$219,00 \$4,590,00 \$4,590,00 \$5,00 \$5,00 \$5,00
Well Control Insurance Contingency Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tangible Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Pocker, Nipples Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Tangible Lease Equipment Tanks, Tanks Steps, Stairs Bottery (Heater Treater, Separator, Gas Treating Equipment Tanks, Tonks Steps, Stairs Bottery (Heater Treater, Separator, Gas Treating Equipment Power Distribution (electric line to facility, Facility Electrical & Automation SWD Connection Pipe from wellhead to central facility Pipeline to Sales Meters and Metering Equipment	Size   0   0   0   13.375   9.625   0   0   2.375     GVLs, PC Pump     uipment)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000 \$0	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5,000 \$5
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tenguise Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surfoce Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Cosing or Liner Production Tie-Back Tubing Wellhard, Tree, Chokes Liner Hanger, Isolation Packer Pocker, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Tinishloe Lease Equipment Tanks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipment of Province of Containments) Overhead Power Distribution (electric line to facility, Facility Electrical & Automation SWD Connection Pipeline to Sales	Size   0   0   0   13.375   9.625   0   0   2.375     GVLs, PC Pump     uipment)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$468,000 \$0 \$43,000	STIMT_101 STIMT_105 STIMT_120 STIMT_120 STIMT_120 STIMT_120	\$4,590,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tengables Well Equipment Cosing Drive Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Durilling Liner Production Casing or Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment Interse Equipment Tanks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equ Secondary Containments Overhead Power Distribution (electric line to facility, Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to central facility Pipeline to Sales Meters and Metering Equipment Total Tangibles	Size   0   0   0   13.375   9.625   0   0   2.375     GVLs, PC Pump     uipment)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DIVEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.155 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165 DWEA.125	\$359,000 \$458,000 \$0 \$43,000 \$0	\$TIM7.101 \$TIM7.101 \$TIM7.105 \$TIM7.120 \$TIM7.405 \$TIM7.419	\$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Total Intermediate Cosing 1  Intermediate Cosing 2  Drilling Liner  Production Totsing or Liner  Production Cosing or Liner  Production Totaling Cost  Total Intermediate Cosing 2  Drilling Liner  Production Tie-Back  Tubing  Wellhead, Tree, Chokes  Liner Hanger, Isolation Packer  Pocker, Nipples  Pumping Unit, Engine  Downhoole Lift Equipment (BHP, Rods, Anchors, ESP,  Total Intermediate Cost  Total Intermediate  To	Size   0   0   0   13.375   9.625   0   0   2.375     GVLs, PC Pump     uipment)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWE3.150 DWE3.130 DWE3.135 DWE3.140 DWE3.140 DWE3.140 DWE3.150 DWE3.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$255,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165	\$359,000 \$458,000 \$0 \$43,000 \$0	\$TIM7.101 \$TIM7.101 \$TIM7.105 \$TIM7.120 \$TIM7.405 \$TIM7.419	\$219,000 \$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5,000
Well Control Insurance Contingency Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tengibles Well Equipment Cosing Drive Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Duilling Liner Production Cosing or Liner Production Cosing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, Tengibles Lease Equipment Tonks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equ Secondary Containments Overhead Power Distribution (electric line to facility, Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to central facility Pipeline to Sales Meters and Metering Equipment Total Tangibles	Size   0   0   0   13.375   9.625   0   0   2.375     GVLs, PC Pump     uipment)	9.00 0.00 1500.00 9548.00 0.00 0.00 21270.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DIVEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.155 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0 \$0 \$255,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.165 DWEA.125	\$359,000 \$458,000 \$0 \$43,000 \$0	\$TIM7.101 \$TIM7.101 \$TIM7.105 \$TIM7.120 \$TIM7.405 \$TIM7.419	\$4,590,000 \$4,590,000 \$5,000 \$5,000 \$5,000



Lease Name:

	113	Production		Post	Total Well
		Equipment /		Completion	Cost
Intangibles	Codes	Construction \$2,500	PCOM,100	\$1,000	\$193,500
Roads & Location Preparation / Restoration	CON,100			\$1,000	
Damages	CON,105	\$900	Personal Property lies	\$144,000	\$28,900
Mud / Fluids Disposal Charges			PCOM.255	5144,000	
Day Rate ####### DH Days 50.00 ACP Days @ . \$5.00 Per Do	y William			<i>9999999</i>	\$1,432,000
Misc Preparation Cost (mouse hale, rat hale, pads, pile clusters, misc.)					\$25,000
Bits			PCOM-125	50	\$170,000
Fuel \$2.00 Per Gallon ####### Gallons Per Day			PCOM.130	\$0	\$180,000
Water for Drilling Rig / Completion Fluids (Not Frac Water)			PCOM.135	\$1,000	\$32,000
Mud & Additives	4111111111				\$400,000
Surface Rentals	CON-140	\$3,000		\$280,000	\$543,000
Downhole Rentals			PCOM 145	\$0	\$30,000
Formation Evaluation (DST, Coring Including evaluation, G&G Services)					\$(
Mud Logging 48.00 Days @ \$1,000,00. Per Do	y ////////				\$48,000
Open Hole Logging					\$0
Cementing & Float Equipment					\$175,000
Tubular Inspections			PCOM 160	\$3,700	\$30,700
Casing Crews					\$53,000
Extra Labor, Welding, Etc.	CON.170	\$66,000		\$0	\$89,000
Land Transporation (Trucking for tangibles)	CON.175	\$8,000		\$6,800	\$46,800
Supervision \$4,000.00 Per Da	y CON.180	\$8,500	PCOM_180	\$8,500	\$319,000
Trailer House / Camp / Catering					\$65,000
Other Misc Expenses	CON-190	\$3,000	PCOM.190	50	\$30,000
Overhead					\$16,000
Remedial Cementing			PCOM.215	\$0	\$1
MOB/DEMOB					\$215,000
Directional Drilling Services					\$300,000
Crane for Construction	CON.230	\$4,000			\$4,000
Solids Control					\$43,000
Well Control Equip (Snubbing Svcs.)	1111111111		PCOM,240	\$22,000	\$107,000
Fishing & Sidetrack Operations			PCOM.245	\$0	\$(
Completion Rig	9///////		PCOM.115	\$14,000	\$14,000
Coil Tubing		mamm	PCOM.260	\$0	\$350,000
Completion Lagging, Perforating, WL Units, WL Surveys	7///////		PCOM,200	\$0	\$213,000
Composite Plugs			PCOM,390	\$0	\$113,000
Stimulation Pumping Charges, Chemicals, AddItives, Sand			PCOM,210	\$0	\$2,881,000
Stimulation Water / Water Transfer / Water Storage	3///////	200000000000000000000000000000000000000	ummi.		\$299,000
Cimarex Owned Frac / Hental Equipment					\$100,000
Legal / Regulatory / Curative	CON.300	\$0	annan		\$20,000
Well Control Insurance \$1.00   Per Foot			mmm.		\$21,000
Contingency 0.0 % of Drilling Intangibles	CON.220	\$10,000	PCOM.220	\$48,100	\$474,100
Construction For Flow Lines	CON.310	\$3,500	MIMIMIN.		\$3,500
Construction For Sales P/L	CON,265	\$0	uman.		SI
Total Intangible Cost	2-11	\$109,400		\$529,100	\$9,449,500
Tangible - Well Equipment	STATES AND DESCRIPTION OF	Target State Control State Control	d-2325-3536		25500 AND DESCRIPTION

Tangible - Well Equipment								
Casing	Size	Feet	\$/Foot		annaninin k			
Drive Pipe	0	0.00	50.00					\$0
Conductor Pipe	0	0.00	\$0.00					\$0
Water String	0	0.00	\$0.00	97777789		umann		\$(
Surface Casing	13.375	1500.00	\$36.21	9000000		966666		\$54,000
Intermediate Casing 1	9.625	9548.00	\$38,45			9000000		\$367,000
Intermediate Casing 2	0	0.00	\$0.00	9000000				\$0
Drilling Liner	0	9.00	\$200	4444443		911111111111111111111111111111111111111		\$0
Production Casing or Liner	5.5	21270.00	\$22.00	900000		900000		\$468,000
Production Tie-Back	0	0.00	\$0.00			9999999		\$0
Tubing	2.375	10890.00	55.10			PCOMT-105	\$69,000	\$69,000
Wellhead, Tree, Chokes								\$118,000
Liner Hanger, Isolation Packer					mm	9111111950		\$0
Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, GVLs, PC Pump)						PCOMT.400	\$1,800	\$6,800
						PCOMT,405	\$0	\$0
						PCOMT.410	\$0	\$0
Tangible - Lease Equipment								
N/C Lease Equipment				CONT.400	\$65,000			\$65,000
Tanks, Tanks Steps, Stairs				CONT.405	\$71,500			\$71,500
Battery (Heater Treater, Separator, Gas Treating	Equipment)			CONT.410	\$115,700	9441113		\$115,700
Secondary Containments		NAME - 222 1 179	El Engapas vill	CONT.415	\$8,000			\$8,000
Overhead Power Distribution (electric line to facility)					\$3,000	900000		\$3,000
Facility Electrical & Automation				CONT.425	\$31,200	9000000		\$31,200
SWD Connection				CONT.430	\$0			\$0
Flow Lines (Line Pipe from wellhead to central facility)				CONT.435	\$23,200	9////////		\$23,200
Pipeline to Sales				CONT,440	\$0	9000000		\$0
Meters and Metering Equipment				CONT,445	\$28,800			\$28,800
Total Tangibles					\$346,400		\$70,800	\$1,429,200
P&A Costs								\$0
Total Cost					\$455,800		\$599,900	\$10,878,700