

## **Authorization For Expenditure**



1 (1000)									
meany Entity						Date Prepa	ared		18
IMAREX ENERGY CO							December 15, 2015		COL
Region Well Name			Prospect or Field Na	me	Property Number		Drillin	g AFE No.	
Anadarko	PETERSO	N 1H-2821X	CANA NORTHWEST PRO	DSPECT	350012-406.01	2216003			
tation			County		State		Ту	pe Well	
ction 28-16N-12W, E	Blaine County, O	klahoma	Blaine		ОК	Oil Gas	X	Expl Prod	X
imate Type			Est.Start Date	Est (	Comp Date	For	mation	Ttl Mea	sured Dept
iginal Estimate		X						2:	1,270'
vised Estimate oplemental Estimate	e		04/01/2016	06/	/06/2016	Meramec		Ttl Vertical Dept 11,270'	
lect Description Il and complete a ho 270' TVD and a +/- 9 w to sales through i	9730' long lateral	rill to 1500', set I in the Meram	surface casing. Drill to 9548', set int ec formation. Run and cement prod	termediate of uction casin	casing. Drill to 10792 ag. Stage frac in 42 st	l' (KOP). Dri ages. Drill (	ill curve at out plugs. F	12 DLS build Run product	d rate to +/
w to sales throught	new identity.							og diktor over ten	20.000
angibles			Dry Hole Cost \$3,862,000		After Casing P	oint C		\$3,862,000	
lling Costs mpletion Costs		100 00000000000000000000000000000000000			\$5,587,500			\$5,587,5	00
al Intangible Costs			\$3,862,000		\$5,587,50	J		\$9,449,5	00
ngibles			\$456,000		\$626,800		1	\$1,082,8	00
ell Equipment ase Equipment				IIIIIII.	\$346,400			\$346,40	0
tal Tangible Well Co	ost		\$456,000		\$973,200			\$1,429,2	00
g and Abandon Co	st		\$0		\$0	90000000000000000000000000000000000000	L	\$0	
tal Well Cost			\$4,318,000		\$6,560,70	0		\$10,878,7	700
All tubulars, well of	osts er lease equipmer	nt is priced by 0	COPAS and CEPS guidelines using the	e Historic Pri	ice Multiplier,				
elless otherwise indi ig as Operator conc u must provide a ce nmencement of dr ocured by Operator	r lease equipment of the control of	u, as a non-ope hereunder and insurance acce s. You agree th	erating working interest owner, agre I to pay your prorated share of the eptable to Operator, as to form and at failure to provide the certificate o	e to be cove	ered by Operator's w nerefore. If you elec e time this AFE is ret	t to purcha urned, if av	se your ow ailable, bu	vn well cont it in no even	rol insuran it later tha
ell Control Insurence less otherwise indil ng as Operator conce u must provide a ce mmencement of dr ocured by Operator  I elect to pu ell control insurance	r lease equipmer  ce icated below, you ducts operations ertificate of such rilling operations r. urchase my own the procured by O	u, as a non-ope hereunder and insurance acce s. You agree th well control in perator, provid	erating working interest owner, agre I to pay your prorated share of the eptable to Operator, as to form and at failure to provide the certificate o	ee to be cove premiums th limits, at the of insurance,	ered by Operator's w herefore. If you elec e time this AFE is ret , as provided herein W.I.) of Combined S	t to purcha urned, if av , will result ingle Limit (	se your ow vailable, bu in your be	vn well cont it in no even ing covered	rol insuran it later tha by insurar
ell Control Insurance contests otherwise India gas Operator condumust provide a commencement of drocured by Operator lelect to puell control insurance lated redrilling and arketing Election marex sells its gas usumes delivered ov quest to Cimarex's i all be deemed an e	icated below, you ducts operations ertificate of such rilling operations r. urchase my own the procured by Ol clean-up/pollution under arm's-leng ver time. Should Marketing Deparent of the procured by Old Marketing Deparent ime.	u, as a non-ope thereunder and insurance acces to well control in perator, providion expense co th contracts wi you choose to rtment, we will et your gas with	trating working interest owner, agreed to pay your prorated share of the peptable to Operator, as to form and at failure to provide the certificate of the certificate of the period of the certificate of	e to be cove premiums th limits, at the of insurance, ,000 (100% ) with a \$1,00 tracts may li rex, you will litions pursu	ered by Operator's we herefore. If you elect etime this AFE is rett, as provided herein W.I.) of Combined S 00,000 (100% W.I.) of the combined S on the comb	it to purcha urned, if av will result ingle Limit of deductible.	se your ow ailable, bu in your be coverage for ties may be sties may be of such con	or well conting covered or well conting covered or well conting covered or well conting covered for the conting covered for the covered for th	rol Insurar to later that by insurar rol and or insufficient n written
eli control insurance less otherwise indi- ig as Operator cond- u must provide a ce mmencement of dr ocured by Operator  I elect to puell control insurance ated redrilling and arketing Election marex sells its gas u lumes delivered ov quest to Cimarex's i all be deemed an e	collicated below, you ducts operations ertificate of such rilling operations f. urchase my own the procured by Oli clean-up/pollution was a compared to the collication of the collicati	u, as a non-ope hereunder and insurance acces. You agree the well control in perator, providion expense couth contracts will you choose to rtment, we will et your gas with and.	erating working interest owner, agree is to pay your prorated share of the eptable to Operator, as to form and at failure to provide the certificate of the certifica	pe to be cove premiums th limits, at the finsurance, ,000 (100% with a \$1,00 with a \$1,00 tracts may literacts may literact may literac	ered by Operator's wherefore. If you elected time this AFE is retorated, as provided herein w.l.) of Combined S 00,000 (100% W.l.) of Combined S 100,000 (100% W.l.) of Combined	it to purcha urned, if av will result ingle Limit of deductible.	se your ow ailable, bu in your be coverage for ties may be sties may be of such con	or well conting covered or well conting covered or well conting covered or well conting covered for the conting covered for the covered for th	rol Insuran It later tha by insuran rol and or insufficie In written
ell control insurance less otherwise indi- ig as Operator cond- u must provide a ce- mmencement of dr coured by Operator  I elect to puell control insurance ated redrilling and arketing Election marex sells its gas u lumes delivered ov quest to Cimarex's i all be deemed an e  I elect to ta	ce licated below, you ducts operations ertificate of such rilling operations r. urchase my own the procured by Ol clean-up/pollution was a lection to market my gas in kir market my gas will estimates only are authorization fe	u, as a non-ope hereunder and insurance acces, You agree the well control in perator, providion expense couth contracts will you choose to rtment, we will et your gas with ind.	irating working interest owner, agree it to pay your prorated share of the eptable to Operator, as to form and at failure to provide the certificate of interest of the eptable to Operator, as to form and at failure to provide the certificate of interest of the eptable of the	pe to be cove premiums the limits, at the finsurance, ,000 (100% v with a \$1,00 tracts may li- tracts may li- t	ered by Operator's wherefore. If you elected time this AFE is retained, as provided herein.  W.I.) of Combined Soo,000 (100% W.J.) of Combined Soo,000 (100% W	t to purcha urned, if av , will result ingle Limit deductible. tion, penalt the terms of i be sold. F	se your ow vailable, bu in your be coverage for ties may be for such con failure to n	wn well conti to in no even ing covered or well conti e incurred fo tracts. Upo nake an elec-	rol Insuran to later tha by insurar  rol and  or insufficie n written tition below
ell Control Insurance inless otherwise India ng as Operator cond u must provide a ce mmencement of dr ocured by Operator  I elect to pu ell control insurance lated redrilling and arketing Election marex sells its gas u oblumes delivered ov quest to Cimarex's all be deemed an e  I elect to ta  I elect to m  omments on AFE ne above costs are e ithout affecting the gal, curative, regula	ce licated below, you ducts operations ertificate of such rilling operations r. urchase my own the procured by Ol clean-up/pollution was a lection to market my gas in kir market my gas will estimates only are authorization fe	u, as a non-ope hereunder and insurance acces, You agree the well control in perator, providion expense couth contracts will you choose to rtment, we will et your gas with ind.	erating working interest owner, agree it to pay your prorated share of the eptable to Operator, as to form and at failure to provide the certificate of interest of the entable to operator, as to form and at failure to provide the certificate of interest of the entable of the certificate of interest of the entable of the	e to be cover premiums the limits, at the finsurance, and fins	ered by Operator's wherefore. If you elect etime this AFE is ret, as provided herein.  W.I.) of Combined S 00,000 (100% W.J.) of the combined S 00,000 (100% W.J.) of the combined S include fees. In addit to the combined S include fees. In add	t to purcha urned, if av will result ingle Limit deductible. tion, penalt the terms of i be sold. F	se your ow vailable, bu in your be coverage for ties may be for such con failure to n	wn well conti to in no even ing covered or well conti e incurred fo tracts. Upo nake an elec-	rol Insuran to later that by insuran rol and rol and or insufficie n written tition below
ell control Insurance lless otherwise India g as Operator cond u must provide a ce mocured by Operator Coured by Operator lell control Insurance ated redrilling and arketing Election marex sells its gas u dumes delivered ov quest to Cimarex's i all be deemed an e lelect to ta	ce licated below, you ducts operations ertificate of such rilling operations r. urchase my own the procured by Ol clean-up/pollution was a lection to market my gas in kir market my gas will estimates only are authorization fe	u, as a non-ope hereunder and insurance acces, You agree the well control in perator, providion expense couth contracts will you choose to rtment, we will et your gas with ind.	erating working interest owner, agree is to pay your prorated share of the eptable to Operator, as to form and at failure to provide the certificate of the certifica	e to be cover premiums the limits, at the finsurance, and fins	ered by Operator's wherefore. If you elect etime this AFE is ret, as provided herein.  W.I.) of Combined S 00,000 (100% W.J.) of the combined S 00,000 (100% W.J.) of the combined S include fees. In addit to the combined S include fees. In add	t to purcha urned, if av , will result ingle Limit deductible. tion, penalt the terms of i be sold. F	se your ow vailable, bu in your be coverage for ties may be for such con failure to n	wn well conti to in no even ing covered or well conti e incurred fo tracts. Upo nake an elec-	rol Insuran to later tha by insurar  rol and  or insufficie n written tition below
ell Control Insurance less otherwise India g as Operator cond u must provide a ce mmencement of dr occured by Operator  I elect to puell control insurance ated redrilling and arketing Election marex sells its gas u lumes delivered ov quest to Cimarex's i all be deemed an e  I elect to ta  I elect to m  omments on AFE te above costs are e thout affecting the gal, curative, regula	ce licated below, you ducts operations ertificate of such rilling operations r. urchase my own the procured by Ol clean-up/pollution was a lection to market my gas in kir market my gas will estimates only are authorization fe	u, as a non-ope hereunder and insurance acces, You agree the well control in perator, providion expense couth contracts will you choose to rtment, we will et your gas with ind.	erating working interest owner, agree it to pay your prorated share of the eptable to Operator, as to form and at failure to provide the certificate of interest of the entable to operator, as to form and at failure to provide the certificate of interest of the entable of the certificate of interest of the entable of the	tracts may literacts may literact may l	ered by Operator's wherefore. If you elect etime this AFE is ret, as provided herein.  W.I.) of Combined S 00,000 (100% W.J.) of the combined S 00,000 (100% W.J.) of the combined S include fees. In addit to the combined S include fees. In add	t to purcha urned, if av will result ingle Limit deductible. tion, penalt the terms of i be sold. F	se your ow vailable, bu in your be coverage for ties may be for such con failure to n	wn well conti to in no even ing covered or well conti e incurred fo tracts. Upo nake an elec-	rol Insuran to later tha by insurar  rol and  or insufficie n written tition below



P&A Costs

Total Cost

Lease Name:	a district								
Supplied the Control of Supplied to the Control							4 00 D W		Completion
					BCP - Drilling		ACP - Drilling		
					(Dry Hale Cost)				Stimulation
atangibles				Codes		Codes		Codes	
loads & Location Preparation / Restoration				DIDC.100	\$160,000			STIM.100	\$30,0
Damages				DIDC.105	\$28,000				
Aud / Fluids Disposal Charges	_	\$5.00	2	DIDC.255	\$120,000 \$1,301,000	DICC,120	\$131,000	STIM.255	\$120,0
lay Rate ####### DH Days 50.00 ACP Day.  Misc Preparation Cost (mouse hole, rat hole, pads, pile cluste		\$5.00	Per Day	DIDC.115	\$26,000	*******	3131,000		
its	.13, 111130			DIDC.125	\$170,000	DICC.125	\$0	STIM.125	
uel \$2.00 Per Gallon	######	Gallons Per Da	у	DIDC.135	\$180,000	DICC.130	\$0		
Vater for Drilling Rig / Completion Fluids (Not Frac Water)				DIDC.140	\$30,000	DICC.135	\$1,000	STIM.135	
Aud & Additives				DIDC.145	\$400,000		\$0	STIM.140	\$140,0
urface Rentals				DIDC.150	\$120,000 \$30,000	DICC,140	30	5TIM,145	\$140,0
Downhole Rentals Formation Evaluation (DST, Coring including evaluation, G&C	G Services)			DIDC.160	\$0,000			5TIM.150	
	Days @	\$1,000.00	Per Day	DIDC,170	\$48,000				
Open Hole Logging				DIDC,180	\$0				
ementing & Float Equipment				DIDC,185	\$45,000		\$130,000		
ubular Inspections	7.6			DIDC.190	\$17,000	DICC.160	\$10,000	STIM.160	
Casing Crews				DIDC.195	\$28,000 \$18,000	DICC.165	\$25,000 \$5,000	STIM.155 STIM.170	
extra Labor, Welding, Etc.				DIDC.200	\$18,000	DICC.175	\$9,000	STIM.175	\$5,0
and Transporation (Trucking for tangibles) Supervision		\$4,000.00	Per Day	DIDC.203	\$220,000		\$15,000	STIM.180	\$67,0
Trailer House / Camp / Catering		. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		DIDC.280	\$47,000	DICC.255	\$5,000	STIM.280	\$13,0
Other Misc Expenses			10.00.000	DIDC.220	\$2,000	DICC.190	\$0	STIM,190	\$25,0
Overhead				DIDC.225	\$11,000	DICC.195	\$5,000		
Remedial Cementing				DIDC.231	\$0	44444		STIM.215	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
MOB/DEMOB				DIDC.240	\$215,000	<i>********</i>			
Directional Drilling Services				UIUC.243	3300,000				
Crane for Construction Solids Control				DIDC.260	\$43,000				
Well Control Equip (Snubbing Svcs.)		Augustana Tillisi		DIDC 265	\$60,000	DICC.240	\$10,000	STIM,240	\$15,0
Fishing & Sidetrack Operations				DIDC.270	\$0	DICC.245	\$0	STIM.245	
Completion Rig	Military system							STIM.115	
Coil Tubing								5TIM.260	
				<i>}}}}}</i>		***************************************			\$350,0
Completion Logging, Perforating, WL Units, WL Surveys								STIM.200	\$213,0
Coll Tubing Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulating Pumping Charges, Chemicals, Additives, Sand								STIM.200 STIM.390	\$213,0 \$113,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand								STIM.200	\$213,0 \$113,0 \$2,881,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage								STIM.200 STIM.390 STIM.210	\$213,0 \$113,0 \$2,881,0 \$299,0
Completion Logging, Perforating, WL Units, WL Surveys Camposite Plugs				DIDC,300	\$20,000			STIM.200 STIM.390 STIM.210 STIM.395	\$213,0 \$113,0 \$2,881,0 \$299,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance \$1.00   Per Foo				DIDC.285	\$21,000			STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,0 \$113,0 \$2,881,0 \$2,99,0 \$100,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Climarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance \$1.00   Per Foo Contingency 0.0   % of Drilling Intang			3 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		\$21,000	DICC.220	\$13,000	STIM.200 STIM.390 STIM.210 STIM.395	\$213,0 \$113,0 \$2,881,0 \$2,99,0 \$100,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency O.0 % of Drilling Intang Construction For Flow Lines				DIDC.285	\$21,000		\$13,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,0 \$113,0 \$2,881,0 \$2,99,0 \$100,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0   % of Drilling Intang Construction For Flow Lines Construction For Sales P/L				DIDC.285	\$21,000 \$184,000	DICC.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,0 \$213,0 \$113,0 \$2,881,0 \$299,0 \$100,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sond Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0   % of Drilling Intang Construction For Flow Lines Construction For Sales P/L				DIDC.285	\$21,000	DICC.220	\$13,000 \$359,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,0 \$113,0 \$2,881,0 \$299,0 \$100,0
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Composite Plugs Crimulation Pumping Charges, Chemicals, Additives, Sand Crimulation Water / Water Transfer / Water Storage Crimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency  O.0 % of Drilling Intang Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost				DIDC.285	\$21,000 \$184,000	DICC.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,1 \$113,1 \$2,881,1 \$299,1 \$100,1
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Cangible - Well Equipment	ibles Size	Feet	\$/Foot	DIDC.285 DIDC.435	\$21,000 \$184,000 \$3,862,000	DICC.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,1 \$113,1 \$2,881,1 \$299,1 \$100,1
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0   % of Drilling Intang Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tangible - Well Equipment Casing Drive Pipe	Size 0	0.00	\$0.00	DIDC.285 DIDC.435 DIDC.435	\$21,000 \$184,000 \$3,862,000	DICC.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,1 \$113,1 \$2,881,1 \$299,1 \$100,1
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0   % of Drilling Intong Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangiste   Well Equipment Cassing Drive Pipe Conductor Pipe	Size 0 0	0.00	\$0.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130	\$21,000 \$184,000 \$3,862,000 \$0 \$0	Dicc.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213, \$113, \$2,881, \$299, \$100,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance \$1.00   Per Foo Contingency 0.0   % of Drilling Intang Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tengible - Well Equipment Casing Drive Pipe Conductor Pipe Water String	Size 0 0 0	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.131	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$0	DICC.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213, \$113, \$2,881, \$299, \$100,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangible - Well Equipment Casing 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.136	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000	DICC.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213, \$113, \$2,881, \$299, \$100,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0   % of Drilling Intong Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangiste   Well Equipment Cassing Drive Pipe Conductor Pipe	Size 0 0 0	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.131	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$0	DICC.220		STIM.200 STIM.390 STIM.210 STIM.395 STIM.305	\$213,1 \$113,1 \$2,881,1 \$299,1 \$100,1
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sond Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0   % of Drilling Intang Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1	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	DWEB.150 DWEB.130 DWEB.130 DWEB.140	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$0 \$54,000 \$367,000	DICC.22G	\$359,000	STIM.200 STIM.390 STIM.395 STIM.395 STIM.395 STIM.305	\$213, \$113, \$2,881, \$299, \$100,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangible Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner	Size   0   0   0   13.375   9.625   0   0   5.5	0.00 0.00 1500.00 9548.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DWEB.150 DWEB.130 DWEB.130 DWEB.140 DWEB.145 DWEB.145	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000	DICC.220	\$359,000 \$468,000	STIM.200 STIM.390 STIM.210 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0 % of Drilling Intang Construction For Flow Lines 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	Size   0   0   0   13.375   9.625   0   0   0   5.5   0   0	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DWEB.150 DWEB.130 DWEB.130 DWEB.140 DWEB.145 DWEB.145	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000	DICC.22G	\$359,000	STIM.200 STIM.390 STIM.210 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Casing Drive 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	0.00 0.00 1500.00 9548.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DWE8.150 DWE8.130 DWE8.130 DWE8.140 DWE8.155 DWE8.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0	DICC.220  DWEA.100  DWEA.165	\$359,000 \$468,000 \$468,000	STIM.200 STIM.390 STIM.210 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost  Tangibler Well Equipment Casing Durive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tei-Back Tubing Wellhead, Tree, Chokes	Size   0   0   0   13.375   9.625   0   0   0   5.5   0   0	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.395 STIM.395 STIM.395 STIM.395 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Construction For Flow Lines Construction For Sales P/L Construction For Sales P/L Conductor Plugs Construction For Sales P/L Conductor Plugs Conductor P	Size   0   0   0   13.375   9.625   0   0   0   5.5   0   0	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DWE8.150 DWE8.130 DWE8.130 DWE8.140 DWE8.155 DWE8.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$0	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$468,000	STIM.200 STIM.390 STIM.395 STIM.395 STIM.395 STIM.395 STIM.305	\$213, \$113, \$2,881, \$2,99, \$100, \$219, \$4,590,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Composite Plugs Composite Plugs Composite Plugs Composite Plugs Common Version Variation Common Variation Common Variation Control Insurance Construction For Flow Lines Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Conductor Plpe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Cosing 2 Contiling Liner Corduction Cosing or Liner Corduction Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples	Size   0   0   0   13.375   9.625   0   0   0   5.5   0   0	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.391 STIM.395 STIM.395 STIM.395 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,590,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Continuers Construction For Flow Lines Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost  Consider Well Equipment Cosing Construction For Sales P/L Cotal Intangible Cost  Consider Well Equipment Cosing Conductor Pipe Water String Confuctor Pipe Conductor Pipe Conductor Pipe Conductor Pipe Conductor Cosing of Intermediate Cosing 2 Contiling Liner Conduction Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.305 STIM.305 STIM.305 STIM.305 STIM.7.101 STIM.7.102 STIM.7.102 STIM.7.102	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,590
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Construction Water / Water Transfer / Water Storage Construction For Flow Lines Construction For Flow Lines Construction For Sales P/L Conductor Plugs Control P	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Construction Water / Water Transfer / Water Storage Construction For Curative Well Control Insurance Construction For Flow Lines Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Construction For Sales P/L Cotal Intangible Cost Conductor Pipe Water String Confuce Casing Confuce Casing Confusion Con	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Construction For Flow Lines Construction For Soles P/L Cotal Intangible Cost Control Intangible Cost Confidency Composite Plugs Conductor Plugs Conducto	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,590
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Charges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Fotal Intangible Cost  Casing Construction For Sales P/L Fotal Intangible Cost  Casing 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, GVLs, P Tonks, Tanks Steps, Stalrs Battery (Heater Treater, Separator, Gas Treating Equipment Battery (Heater Treater, Separator, Gas Treating Equipment	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,590
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines 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 Drillling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Downhole Lift Equipment (BHP, Rads, Anchors, ESP, GVLs, P Tengible - Losse Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipmen Secondary Containments	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines 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 Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, GVLs, P Tansible - Losse Equipment Tanks, Tanks Steps, Stoirs Battery (Heater Treater, Separator, Gas Treating Equipment Soverhead Power Distribution (electric line to facility)	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,590
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines 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 Drillling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Downhole Lift Equipment (BHP, Rads, Anchors, ESP, GVLs, P Tengible - Losse Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipmen Secondary Containments	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,590
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Stimulation Pumping Chorges, Chemicals, Additives, Sand Stimulation Water / Water Transfer / Water Storage Cimarex Owned Frac / Rental Equipment Legal / Regulatory / Curative Well Control Insurance S1.00   Per Foo Contingency O.0 % of Drilling Intang Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tansible - Well Equipment Casing Drive Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling 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 Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipment Secondary Containments Overhead Power Distribution (electric line to facility) Focility Electrical & Automation	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,
Completion Logging, Perforating, WL Units, WL Surveys Composite Plugs Construction For Flow Lines Construction For Flow Lines Construction For Sales P/L Cotal Intanglible Cost  Conductor Flow Conductor Plugs Conductor Cosing 1 Conductor Plugs Conductor Cosing 2 Conductor Plugs Conduction Tie-Back Cond	Size   O   O   O   O   O   O   O   O   O	0.00 0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	DIDC.285 DIDC.435 DIDC.435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.150 DWEB.150	\$21,000 \$184,000 \$3,862,000 \$0 \$0 \$54,000 \$367,000 \$367,000	DICC.220  DIVEA 100  DWEA 165	\$359,000 \$468,000 \$0 \$43,000	STIM.200 STIM.390 STIM.210 STIM.395 STIM.305 STIM.305 STIM.305 STIM.305 STIM.305	\$213, \$113, \$2,881, \$299, \$100, \$219, \$4,590, \$40,590

DIDC.295

\$0 DICC.275

\$4,318,000

\$4,635,000

\$870,000



## **Project Cost Estimate**

Lease Name:

Lease Name:										Non-control to the state of
						F	Production		Past	Total Well
									c 1.0	
						E	quipment /		Completion	Cost
Intangibles						Codes C	onstruction	Codes		
Roads & Location Pre	reparation / Restora	tion				CON.100		PCOM 100	\$1,000	\$193,500
	eparation/ Restora	uon				CON.105	\$900			\$28,900
Damages Mud / Fluids Disposa	al Charges		and the second					PCOM.255	\$144,000	\$384,000
	###### DH Days	50.00 ACP Days @	a	\$5.00 F	Per Day		annan a			\$1,432,000
		hole, pads, pile clusters,		33.00 17	El Duy					\$26,000
	ist (mouse noie, rut i	noie, puus, pne ciusters	, IIIISC. j					PCOM.125	\$0	\$170,000
Bits		0 C-ll	Гиниции	Gallons Per Day	. 1			PCOM.130	\$0	\$180,000
Fuel		Per Gallon	<del>                                    </del>	Gallons Per Day				PCOM.135	\$1,000	\$32,000
Water for Drilling Rig	ig / Completion Fluid	is (Not Frac Water)					44444A	PCONI.133	31,000	\$400,000
Mud & Additives							\$3,000	PCOM.140	\$280,000	\$543,000
Surface Rentals						CON.140	\$3,000	PCOM.145	\$280,000	\$30,000
Downhole Rentals			-	All Carlotte			4444AA	PCOM.145	50	
	on (DST, Coring inclu	iding evaluation, G&G S				********				\$(
Mud Logging		48.00	Days @	\$1,000.00	Per Day					\$48,000
Open Hole Logging						44444444				\$(
Cementing & Float E	Eguipment						444444			\$175,000
Tubular Inspections							<i>/////////////////////////////////////</i>	PCOM.160	\$3,700	\$30,700
Casing Crews										\$53,000
Extra Labor, Welding	g, Etc.					CON,170		PCOM.170	\$0	\$89,00
	(Trucking for tangit	oles)				CON.175	\$8,000	PCOM.175	\$6,800	\$46,80
Supervision				\$4,000.00	Per Day	CON.180	\$8,500	PCOM.180	\$8,500	\$319,00
Trailer House / Cam	p / Catering		THE STATE OF	44-44-44-44-4						\$65,00
Other Misc Expenses						CON.190	\$3,000	PCOM.190	\$0	\$30,00
Overhead				· s.						\$16,00
Remedial Cementing	q							PCOM.215	\$0	\$
MOB/DEMOB										\$215,00
Directional Drilling S	Services									\$300,00
Crane for Constructi					de de la Constanti	CON.230	\$4,000			\$4,00
Solids Control			D. H							\$43,00
Well Control Equip (	(Snuhhing Sucs )							PCOM.240	\$22,000	\$107,00
								PCOM.245	\$0	\$
Fishing & Sidetrack	Operations							PCOM.115	\$14,000	\$14,00
Completion Rig					0.000.000			PCOM.260	\$0	\$350,00
Coil Tubing	- Dfti 14/1 1/	Inite MI Cuprous			1000			PCOM.200	\$0	\$213,00
	g, Perforating, WL U	riits, vvL surveys	and the same					PCOM.390	\$0	\$113,00
Composite Plugs	- Character Character	ala Additiona Food						PCOM.210	\$0	\$2,881,00
	ng Charges, Chemica									\$299,00
	/ Water Transfer / V							HHHH		\$100,00
	nc / Rental Equipmen	nt					\$0			\$20,00
Legal / Regulatory /		1 44.00 10 .5 .				CON.300	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	444444		\$21,00
Well Control Insurar		\$1.00   Per Foot					***************************************		\$48,100	\$474,10
Contingency		% of Drilling Intangible	es			CON.220	\$10,000	PCOM.220	546,100	\$3,50
Construction For Flo	THE RESERVE OF THE PARTY OF THE					CON.310	\$3,500	********		\$3,30
Construction For Sal						CON.265	\$0			
Total Intangible Cos	st						\$109,400		\$529,100	\$9,449,50
Tangible - Well Equ	uipment							mmm		
Casing				Feet	\$/Foot		THINITING IN			mmmm
Drive Pipe			Size	Printed States and Published S				444444		
Conductor Pipe			0	0.00	\$0.00					
Water String			0	0.00	\$0.00 \$0.00					\$
Jer Jernig			0 0	0.00	\$0.00 \$0.00 \$0.00					\$ \$
Surface Casing			0 0 0 13.375	0.00 0.00 1500.00	\$0.00 \$0.00 \$0.00 \$36.21					\$ \$ \$54,00
	g 1		0 0	0.00 0.00 1500.00 9548.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45					\$ \$54,00 \$367,00
Surface Casing Intermediate Casing			0 0 0 13.375	0.00 0.00 1500.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00					\$54,00 \$367,00 \$367,00
Surface Casing Intermediate Casing Intermediate Casing			0 0 0 13.375 9.625	0.00 0.00 1500.00 9548.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45					\$54,00 \$54,00 \$367,00 \$
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner	g 2		0 0 0 13.375 9.625	0.00 0.00 1500.00 9548.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00					\$54,00 \$54,00 \$367,00 \$
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing o	g 2 or Liner		0 0 0 13.375 9.625 0	0.00 0.00 1500.00 9548.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00					\$54,00 \$367,00 \$368,00 \$
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing o Production Tie-Back	g 2 or Liner		0 0 0 13.375 9.625 0 0 5.5	0.00 0.00 1500.00 9548.00 0.00 0.00 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00			PCOMT.105	\$69,000	\$54,00 \$367,00 \$368,00 \$
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing	g 2 or Liner k		0 0 0 13.375 9.625 0 0 5.5	0.00 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			PCOMT.30S	\$69,000	\$ \$54,00 \$367,00
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che	g 2 or Liner k		0 0 0 13.375 9.625 0 0 5.5	0.00 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			PCOMT.10S	\$69,000	\$54,00 \$367,00 \$367,00 \$ \$468,00 \$ \$69,00 \$118,00
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat	g 2 or Liner k		0 0 0 13.375 9.625 0 0 5.5	0.00 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					\$54,000 \$367,000 \$367,000 \$5 \$468,000 \$118,000 \$118,000
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples	g 2 or Liner k k okes tion Packer		0 0 0 13.375 9.625 0 0 5.5	0.00 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			PCOMT.400	\$1,800	\$54,000 \$367,000 \$367,000 \$5 \$468,000 \$118,000 \$69,000 \$16,800
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engli	g 2 or Liner k  okes tion Packer	Bochors ESP Guis DC	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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			PCOMT.400 PCOMT.405	\$1,800 \$0	\$54,000 \$367,000 \$367,000 \$569,000 \$118,000 \$69,000 \$18,000 \$18,000
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing o Production Tie-Back Tubing Wellhead, Tree, Ch Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engi Downhole Lift Equip	g 2 or Liner k okes tion Packer ine	Anchors, ESP, GVLs, PC I	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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			PCOMT.400	\$1,800	\$54,000 \$367,000 \$367,000 \$5 \$468,000 \$118,000 \$69,000 \$16,800
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equip	g 2 or Liner k ookes tion Packer iine pment (BHP, Rods, )	Anchars, ESP, GVLs, PC I	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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		\$55.000	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,000 \$367,000 \$367,000 \$5468,000 \$5468,000 \$118,000 \$69,000 \$118,000 \$66,80
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equip Tangible Lease Equipme	g 2 or Liner ik ookes tion Packer iine ipment (BHP, Rods, I	Anchors, ESP, GVLs, PC I	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.400	\$65,000 \$71,600	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,000 \$367,000 \$367,000 \$468,000 \$468,000 \$118,000 \$118,000 \$468,000 \$469
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chu Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equil N/C Lease Equipme Tanks, Tanks Steps,	g 2  or Liner k  lokes tion Packer line ine ipment (BHP, Rods, I		0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405	\$71,500	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$5468,000 \$118,000 \$65,000 \$118,000 \$11
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Dilling Liner Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equipment Tanks, Tanks Steps, Battery (Heater Tree	g 2  or Liner k  k  okes tion Packer  ine ipment (BHP, Rods, )  apipment ent , Stairs eater, Separator, Ga	Anchors, ESP, GVLs, PC I as Treating Equipment)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410	\$71,500 \$115,700	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,000 \$367,000 \$367,000 \$168,000 \$118
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equip Tands Lease Equipme Tanks, Tanks Steps, Battery (Heater Tre Secondary Contains	g 2  or Liner k  ookes tion Packer  iine pment (BHP, Rods, r quipment ent , Stairs eater, Separator, Gaments	ns Treating Equipment)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415	\$71,500 \$115,700 \$8,000	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,00 \$367,00 \$367,00 \$468,00 \$118,00 \$118,00 \$56,80 \$571,50 \$71,50 \$115,70 \$8,00
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equip Tangble Lease Equipme Tanks, Tanks Steps, Battery (Heater Tre Secondary Contains Overhead Power Di	g 2  or Liner k  okes tion Packer  line pment (BHP, Rods, r  cipment ent , Stairs eater, Separator, Ga ments listribution (electric	ns Treating Equipment)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.410 CONT.410 CONT.415 CONT.420	\$71,500 \$115,700 \$8,000 \$3,000	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,000 \$367,000 \$367,000 \$468,000 \$118,000 \$118,000 \$65,000 \$71,500 \$115,700 \$88,000 \$33,000
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Intermediate Casing Intermediate Casing Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equip Tanks, Tanks Steps, Battery (Heater Tre Secondary Contain Overhead Power Di Facility Electrical &	g 2  or Liner k  okes tion Packer  line pment (BHP, Rods, r  cipment ent , Stairs eater, Separator, Ga ments listribution (electric	ns Treating Equipment)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$65,00 \$367,00 \$468,00 \$118,00 \$118,00 \$56,80 \$5115,70 \$3,00 \$31,20
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Intermediate Casing Production Tie-Back Tubing Weilhead, Tree, Chu Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equip Tanks, Tanks Steps, Battery (Heater Tre Secondary Contain Overhead Power Di Facility Electrical & SWD Connection	g 2  or Liner k  lookes tion Packer line ipment (BHP, Rods, ) appinent ent , Stairs eater, Separator, Ga ments istribution (electric) k Automation	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.410 CONT.410 CONT.415 CONT.420 CONT.425 CONT.430	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$69,00 \$118,00 \$65,00 \$118,00 \$118,00 \$118,00 \$118,00 \$118,00 \$118,00 \$115,70 \$8,80 \$31,20
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equipme Tanks, Tanks Steps, Battery (Heater Tre Secondary Contain Facility Electrical & SWD Connection	g 2  or Liner k  okes tion Packer  line pment (BHP, Rods, r  cipment ent , Stairs eater, Separator, Ga ments listribution (electric	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.430 CONT.435	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,000 \$367,000 \$468,000 \$118,000 \$118,000 \$118,000 \$118,000 \$118,000 \$118,000 \$115,700 \$31,000 \$31,200 \$23,200
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equipme Tanks, Tanks Steps, Battery (Heater Tre Secondary Contain Facility Electrical & SWD Connection	g 2  or Liner k  lookes tion Packer line ipment (BHP, Rods, ) appinent ent , Stairs eater, Separator, Ga ments istribution (electric) k Automation	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.410 CONT.410 CONT.415 CONT.420 CONT.425 CONT.430	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,000 \$367,000 \$367,000 \$468,000 \$118,000 \$118,000 \$65,000 \$71,500 \$71,500 \$31,200 \$33,000 \$33,200 \$23,200
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing Corpoduction Tie-Back Tubing Wellhead, Tree, Cheliner Hanger, Isolat Packer, Nipples Pumping Unit, Engilbownhole Lift Equip Tanks, Tanks Steps, Battery (Heater Tre Secondary Contains Overhead Power Direction & SWD Connection Flow Lines (Line Pip Williams).	g 2  or Liner k  okes tion Packer  ine ine ipment (BHP, Rads, r  iptipment ent , Stairs eater, Separator, Ga ments istribution (electric is a Automation are from wellhead to	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.430 CONT.435	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0 \$0	\$65,00 \$367,00 \$468,00 \$118,00 \$118,00 \$5,6,80 \$65,00 \$71,50 \$31,00 \$31,20 \$23,20
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing Corpoduction Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equip Tanks, Tanks Steps, Battery (Heater Tre Secondary Contains Overhead Power Di Facility Electrical & SWD Connection Flow Lines (Line Pip Pipeline to Sales	g 2  or Liner k  okes tion Packer  ine ine ipment (BHP, Rads, r  iptipment ent , Stairs eater, Separator, Ga ments istribution (electric is a Automation are from wellhead to	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435 CONT.440	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200	PCOMT.400 PCOMT.410	\$1,800 \$0	\$65,00 \$367,00 \$468,00 \$118,00 \$118,00 \$5,6,80 \$65,00 \$71,50 \$31,00 \$31,20 \$23,20
Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engi Downhole Lift Equip Tanks, Tanks Steps, Battery (Heater The Secondary Contains Overhead Power Di Facility Electrical & SWD Connection Flow Lines (Line Pip Pipeline to Sales Meters and Meteri	g 2  or Liner k  okes tion Packer  ine ine ipment (BHP, Rads, r  iptipment ent , Stairs eater, Separator, Ga ments istribution (electric is a Automation are from wellhead to	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435 CONT.440	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200 \$0 \$28,800	PCOMT.400 PCOMT.410	\$1,800 \$0 \$0	\$54,000 \$367,000 \$367,000 \$168,000 \$118
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing Composition of the Production Tie-Back Tubing Wellhead, Tree, Chuliner Hanger, Isolat Packer, Nipples Pumping Unit, Engil Downhole Lift Equipment of the Packer, Nipples Pumping Unit, Engil Downhole Lift Equipment of the Packer, Nipples Secondary Contains Overhead Power Direction Flow Lines (Line Pip Pipeline to Sales Meters and Meteria Total Tangibles	g 2  or Liner k  okes tion Packer  ine ine ipment (BHP, Rads, r  iptipment ent , Stairs eater, Separator, Ga ments istribution (electric is a Automation are from wellhead to	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435 CONT.440	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200 \$0 \$28,800 \$346,400	PCOMT.400 PCOMT.410	\$1,800 \$0 \$0	\$5468,000 \$118,000 \$1
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing of Production Tie-Back Tubing Wellhead, Tree, Che Liner Hanger, Isolat Packer, Nipples Pumping Unit, Engi Downhole Lift Equip Tanks, Tanks Steps, Battery (Heater Tier Overhead Power Di Facility Electrical & SWD Connection Flow Lines (Line Pip Pipeline to Sales Meters and Meteri	g 2  or Liner k  okes tion Packer  ine ine ipment (BHP, Rads, r  iptipment ent , Stairs eater, Separator, Ga ments istribution (electric is a Automation are from wellhead to	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435 CONT.440	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200 \$0 \$28,800 \$346,400	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0 \$0	\$54,000 \$367,000 \$468,000 \$118
Surface Casing Intermediate Casing Intermediate Casing Drilling Liner Production Casing Corpoduction Tie-Back Tubing Wellhead, Tree, Challer Hanger, Isolat Pauker, Nipples Pumping Unit, Engil Downhole Lift Equip Tanks, Tanks Steps, Battery (Heater Tre Secondary Contains Overhead Power Di Facility Electrical & SWD Connection Flow Lines (Line Pippipeline to Sales Meters and Meteri Total Tangibles	g 2  or Liner k  okes tion Packer  ine ine ipment (BHP, Rads, r  iptipment ent , Stairs eater, Separator, Ga ments istribution (electric is a Automation are from wellhead to	is Treating Equipment) line to facility)	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 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	CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435 CONT.440	\$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200 \$0 \$28,800 \$346,400	PCOMT.400 PCOMT.410	\$1,800 \$0 \$0	\$54,000 \$367,000 \$468,000 \$118