

Authorization For Expenditure

A STATE OF THE PERSON OF THE P		Exercise Service	
Ompany Entity UMAREX ENERGY CO	3	Date Prep	July 1, 2016
Region Well Name	Prospect or Field Name	Property Number	Drilling AFE No.
Anadarko TILLMAN BIA 1H-2017X	CANA NORTHWEST PROSPECT		
ocation	County	State	Type Well
ection 20-16N-12W, Blaine County, Oklahoma	Blaine	OK Oil Gas	Expl X X Prod
timate Type	Est.Start Date Est	. Comp Date Form	nation Ttl Measured Depth
Original Estimate X	L31.3(8) (D016		21,270'
evised Estimate upplemental Estimate		Mei	Ttl Vertical Depth
oject Description ill and complete a horizontal test. Drill to 1500', set surface 1270' TVD and a +/- 9730' long lateral in the Meramec form ow to sales through new facility.			
ntangibles	Dry Hole Cost	After Casing Point	Completed Well Cost
orilling Costs Completion Costs	\$3,862,000	\$5,587,500	\$3,862,000 \$5,587,500
otal Intangible Costs	\$3,862,000	\$5,587,500	\$9,449,500
ingibles			
ell Equipment	\$456,000	\$626,800	\$1,082,800
ase Equipment tal Tangible Well Cost	\$456,000	\$346,400 \$973,200	\$346,400 \$1,429,200
The same of the sa	I 60 I		
ig and Abandon Cost	\$0	\$0	\$0
Il Control Insurance.			
nless otherwise indicated below, you, as a non-operating ving as Operator conducts operations hereunder and to pay so must provide a certificate of such insurance acceptable is memencement of drilling operations. You agree that failunceured by Operator. I elect to purchase my own well control insurance.	your prorated share of the premiums to Operator, as to form and limits, at the to provide the certificate of insurance expolicy.	herefore. If you elect to purchas le time this AFE is returned, if av e, as provided herein, will result i	se your own well control insurance ailable, but in no event later than in your being covered by insurance
Unless otherwise indicated below, you, as a non-operating wong as Operator conducts operations hereunder and to pay you must provide a certificate of such insurance acceptable commencement of drilling operations. You agree that failur procured by Operator. I elect to purchase my own well control insurance. Well control insurance procured by Operator, provides, amo	your prorated share of the premiums to Operator, as to form and limits, at the to provide the certificate of insurance policy. Policy. Ing other terms, for \$20,000,000 (100%)	herefore. If you elect to purchas the time this AFE is returned, if avi e, as provided herein, will result in W.I.) of Combined Single Limit of	se your own well control insurance ailable, but in no event later than in your being covered by insurance
Inless otherwise indicated below, you, as a non-operating vong as Operator conducts operations hereunder and to pay ou must provide a certificate of such insurance acceptable commencement of drilling operations. You agree that failure rocured by Operator. I elect to purchase my own well control insurance well control insurance procured by Operator, provides, amounted the control insurance procured by Operator, provides, amounted the control insurance well control insurance procured by Operator, provides, amounted the control insurance procured by Operator, provides provides and provides pr	your prorated share of the premiums to Operator, as to form and limits, at the to provide the certificate of insurance expolicy. In gother terms, for \$20,000,000 (100% rilling (through completion) with a \$1,000 party purchasers. Such contracts may your share of gas with Cimarex, you with the you the terms and conditions pursue.	herefore. If you elect to purchase time this AFE is returned, if avec, as provided herein, will result in W.I.) of Combined Single Limit common, one of the work o	se your own well control insurance ailable, but in no event later than in your being covered by insurance overage for well control and eies may be incurred for insufficient f such contracts. Upon written
less otherwise indicated below, you, as a non-operating vig as Operator conducts operations hereunder and to pay urmust provide a certificate of such insurance acceptable immencement of drilling operations. You agree that failur occured by Operator. I elect to purchase my own well control insurance ell control insurance procured by Operator, provides, amo ated redrilling and clean-up/pollution expense covering diarketing election. I marex sells its gas under arm's-length contracts with third lumes delivered over time. Should you choose to market quest to Cimarex's Marketing Department, we will share we will s	your prorated share of the premiums to Operator, as to form and limits, at the to provide the certificate of insurance expolicy. In gother terms, for \$20,000,000 (100% rilling (through completion) with a \$1,000 party purchasers. Such contracts may your share of gas with Cimarex, you with the you the terms and conditions pursue.	herefore. If you elect to purchase time this AFE is returned, if avec, as provided herein, will result in W.I.) of Combined Single Limit common, one of the work o	se your own well control insurance ailable, but in no event later than in your being covered by insurance overage for well control and eies may be incurred for insufficient f such contracts. Upon written
less otherwise indicated below, you, as a non-operating vig as Operator conducts operations hereunder and to pay unust provide a certificate of such insurance acceptable immencement of drilling operations. You agree that failur scured by Operator. I elect to purchase my own well control insurance ell control insurance procured by Operator, provides, amounted in the procured procured by Operator, provides, amounted in the procured procured procured procured provides, amounted in the procured procured procured provides, amounted in the procured procured procured provides, amounted in the procured procured procured provides, amounted procured procu	your prorated share of the premiums to Operator, as to form and limits, at the to Devalue, as the to provide the certificate of insurance epolicy. In gother terms, for \$20,000,000 (100% rilling (through completion) with a \$1,000 party purchasers. Such contracts may your share of gas with Cimarex, you will with you the terms and conditions pursux under the terms and conditions set for	herefore. If you elect to purchase time this AFE is returned, if ave., as provided herein, will result in the common of the common of the common of the common of the terms of the common to which gas will be sold. Fairth above.	se your own well control insurance ailable, but in no event later than in your being covered by insurance overage for well control and eies may be incurred for insufficient f such contracts. Upon written
Well control insurance procured by Operator, provides, amorelated redrilling and clean-up/pollution expense covering delated redrilling and clean-up/pollution expense covering delated redrilling and clean-up/pollution expense covering delated to clean the coverage of the contracts with third volumes delivered over time. Should you choose to market request to Glmarex's Marketing Department, we will share with the deemed an election to market your gas with Clmare it elect to take my gas in kind.	your prorated share of the premiums to Operator, as to form and limits, at the to Operator, as to form and limits, at the to provide the certificate of insurance expolicy. In gother terms, for \$20,000,000 (100% rilling (through completion) with a \$1,000 party purchasers. Such contracts may your share of gas with Cimarex, you will with you the terms and conditions pursus x under the terms and conditions set for the terms and conditions of its contracts.	herefore. If you elect to purchase time this AFE is returned, if average as provided herein, will result in the company of the	se your own well control insurance ailable, but in no event later than in your being covered by insurance overage for well control and sees may be incurred for insufficient f such contracts. Upon written ailure to make an election below the sees may exceed the estimated costs say its proportionate share of actual costs.
Inless otherwise indicated below, you, as a non-operating vong as Operator conducts operations hereunder and to pay ou must provide a certificate of such insurance acceptable ommencement of drilling operations. You agree that failure rocured by Operator. I elect to purchase my own well control insurance Vell control insurance procured by Operator, provides, amounted the procured by Operator, provides, amounted the procured by Operator, provides, amounted the procured by Operator, provides, amounted to the procured by Operator, provides, amounted to Comments delivered over time. Should you choose to market equest to Cimarex's Marketing Department, we will share whall be deemed an election to market your gas with Cimare it elect to take my gas in kind. I elect to take my gas in kind. I elect to market my gas with Cimarex pursuant to Comments on AFE the above costs are estimates only and anticipate trouble for without affecting the authorization for expenditure herein governments on the procured by Operator of the proc	your prorated share of the premiums to Operator, as to form and limits, at the to Operator, as to form and limits, at the to provide the certificate of insurance expolicy. In gother terms, for \$20,000,000 (100% rilling (through completion) with a \$1,000 party purchasers. Such contracts may your share of gas with Cimarex, you will with you the terms and conditions pursus x under the terms and conditions set for the terms and conditions of its contracts.	herefore. If you elect to purchase time this AFE is returned, if average as provided herein, will result it w.l.) of Combined Single Limit c 1000,000 (100% W.l.) deductible. Will be subject to all of the terms of uant to which gas will be sold. For orth above. Change in plans. The actual costrological interest owner agrees to private or other applicable agreements.	se your own well control insurance ailable, but in no event later than in your being covered by insurance overage for well control and sees may be incurred for insufficient f such contracts. Upon written ailure to make an election below the sees may exceed the estimated costs say its proportionate share of actual costs.
nless otherwise indicated below, you, as a non-operating wing as Operator conducts operations hereunder and to pay un must provide a certificate of such insurance acceptable immencement of drilling operations. You agree that failure occured by Operator. I elect to purchase my own well control insurance field control insurance procured by Operator, provides, amounted the control insurance procured by Operator, provides, amounted the control insurance procured by Operator, provides, amounted the control insurance procured by Operator, provides, amounted redrilling and clean-up/pollution expense covering district the control insurance in the control insurance procured by Operator, provides, amounted the control insurance in the control insurance covering district to control insurance in the control insurance in	your prorated share of the premiums to Operator, as to form and limits, at the to Operator, as to form and limits, at the to provide the certificate of insurance policy. In policy. In gother terms, for \$20,000,000 (100% rilling (through completion) with a \$1,000 party purchasers. Such contracts may your share of gas with Cimarex, you will yith you the terms and conditions pursus x under the terms and conditions set for the terms and conditions of its contracts and the terms and conditions of its contracts. By approval of this AFE, the woolnt operating agreement, regulatory of this AFE, the woolnt operating agreement, regulatory of the contracts and conditions of the terms.	herefore. If you elect to purchase time this AFE is returned, if average as provided herein, will result it w.l.) of Combined Single Limit c 1000,000 (100% W.l.) deductible. Will be subject to all of the terms of uant to which gas will be sold. For orth above. Change in plans. The actual costrological interest owner agrees to private or other applicable agreements.	se your own well control insurance ailable, but in no event later than in your being covered by insurance overage for well control and sees may be incurred for insufficient f such contracts. Upon written ailure to make an election below the sees may exceed the estimated costs say its proportionate share of actual costs.
less otherwise indicated below, you, as a non-operating w g as Operator conducts operations hereunder and to pay y must provide a certificate of such insurance acceptable immencement of drilling operations. You agree that failure focured by Operator. I elect to purchase my own well control insurance and redrilling and clean-up/pollution expense covering of a set of redrilling and clean-up/pollution expen	your prorated share of the premiums to Operator, as to form and limits, at the to Operator, as to form and limits, at the to provide the certificate of insurance expolicy. In gother terms, for \$20,000,000 (100% rilling (through completion) with a \$1,000 party purchasers. Such contracts may your share of gas with Cimarex, you will with you the terms and conditions pursus x under the terms and conditions set for the terms and conditions of its contracts and the terms and conditions of its contracts. By approval of this AFE, the wooling operating agreement, regulatory of the cimarex Energy Co. Approve	herefore. If you elect to purchase time this AFE is returned, if average as provided herein, will result it will result it will be sold to the same and to which gas will be sold. Fair the same and to which gas will be sold. Fair the same are to which gas will be sold. Fair the same are to which gas will be sold. Fair the same are to which gas will be sold. Fair the same are to which gas will be sold. Fair the same are to which gas will be sold to the same are to which gas will be sold to the same are to which gas will be sold to the same are to which gas will be sold to the same are to same are the	se your own well control insurance ailable, but in no event later than in your being covered by insurance overage for well control and sees may be incurred for insufficient f such contracts. Upon written ailure to make an election below the sees may exceed the estimated costs say its proportionate share of actual costs.

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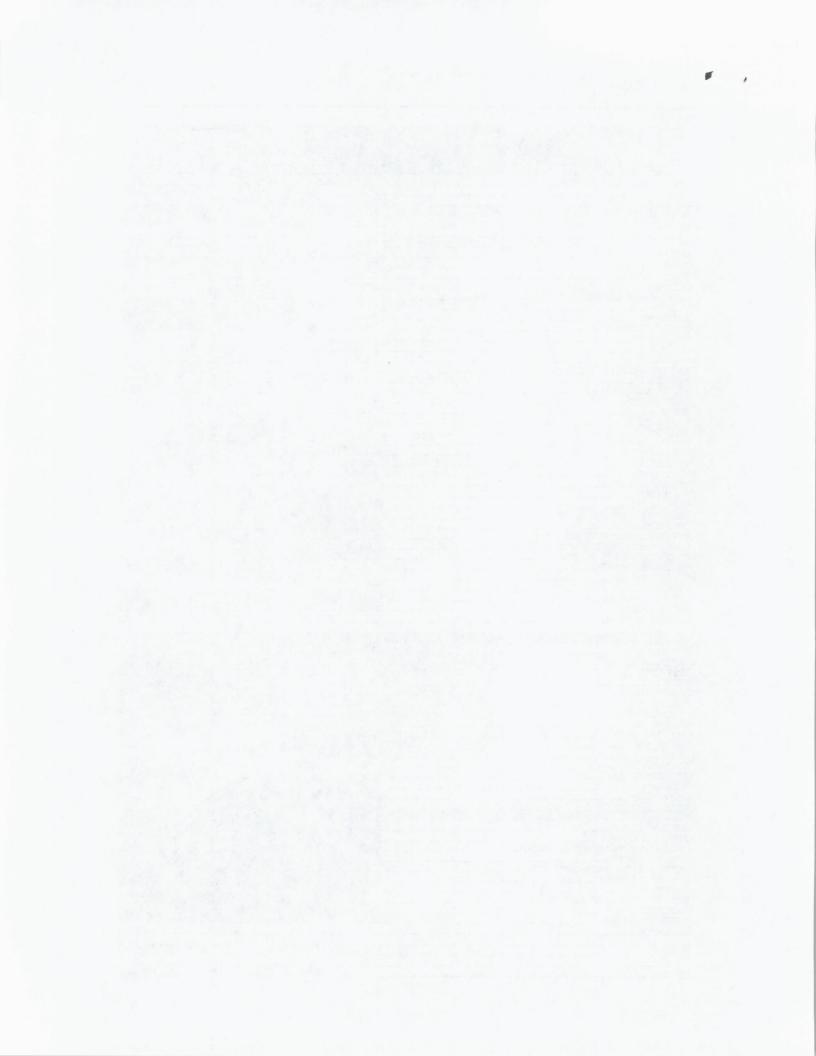
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						BCP - Drilling		ACP - Drilling		Completion /
Was to the second secon					Codes	(Dry Hale Cost)	Codes		Codes	Stimulation
Intangibles Roads & Location Preparation / Restorati	ion				DIDC.100	\$160,000			STIM.100	\$30,000
Damages					DIDC.105	\$28,000				
Mud / Fluids Disposal Charges	es salvana o	-	dr oo l	D D	DIDC.255	\$120,000		\$131,000	STIM.255	\$120,000
Day Rate ###### DH Days Misc Preparation Cost (mouse hole, rat h	50.00 ACP Days @		\$5.00	Per Day	DIDC.115 DIDC.120	\$1,301,000 \$26,000	DICC.120	\$151,000		
Bits	iore, puus, pire crusters, i	msc.y			DIDC.125	\$170,000	DICC,125	\$0	STIM.125	\$0
	Per Gallon	######	Gallons Per Da	y	DIDC.135	\$180,000	DICC,130	\$0		
Water for Drilling Rig / Completion Fluids	s (Not Frac Water)				DIDC.140	\$30,000	DICC,135	\$1,000	STIM,135	\$0
Mud & Additives Surface Rentals					DIDC.145 DIDC.150	\$400,000 \$120,000	DICC.140	\$0	STIM.140	\$140,000
Downhole Rentals					DIDC.155	\$30,000			STIM.145	\$0
Formation Evaluation (DST, Coring include					DIDC.160	\$0			STIM.150	\$0
Mud Logging	48.00	Days @	\$1,000.00	Per Day	DIDC.170	\$48,000				
Open Hole Logging					DIDC.180	\$0 \$45,000	DICC.155	\$130,000		
Cementing & Float Equipment Tubular Inspections					DIDC.190	\$17,000		\$10,000	****	\$0
Casing Crews					DIDC.195	\$28,000	DICC.165	\$25,000	STIM.165	\$0
Extra Labor, Welding, Etc.					DIDC,200	\$18,000		\$5,000		\$0
Land Transporation (Trucking for tangible	les)		4. 000 00		DIDC.205	\$18,000	DICC.175	\$9,000	STIM,175	\$5,000
Supervision Trailer House / Camp / Caterina			\$4,000.00	rer vay	DIDC.210 DIDC.280	\$220,000	DICC.180	\$15,000 \$5,000		\$67,000 \$13,000
Trailer House / Camp / Catering Other Misc Expenses			7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		DIDC.220	\$2,000	DICC.190	\$0		\$25,000
Overhead					DIDC.225	\$11,000		\$5,000		
Remedial Cementing					DIDC.231	\$0			STIM.215	\$0
MOB/DEMOB					DIDC.240	\$215,000				
Directional Drilling Services Crane for Construction					DIDC.245	\$300,000				
Solids Control				1	DIDC.260	\$43,000				
Well Control Equip (Snubbing Svcs.)					DIDC.265	\$60,000	DICC.240	\$10,000	5TIM.240	\$15,000
Fishing & Sidetrack Operations					DIDC.270	\$0	DICC.245	\$0		\$0
Completion Rig									STIM.115 STIM.260	\$350,000
Coil Tubing Completion Logging, Perforating, WL Un	nits WI Surveys								STIM.200	\$213,000
Composite Plugs	ms, we surveys	-							STIM.390	\$113,000
Stimulation Pumping Charges, Chemical	ls, Additives, Sand			16					STIM.210	\$2,881,000
Stimulation Water / Water Transfer / W									\$TIM,395	\$299,000
Cimarex Owned Frac / Rental Equipmen	t				DiDC.300	\$20,000			STIM.305	\$100,000
Legal / Regulatory / Curative Well Control Insurance	\$1.00 Per Foot				DIDC.285	\$21,000	******			
	% of Drilling Intangibles	s			DIDC.435	\$184,000	DICC.220	\$13,000	STIM.220	\$219,000
Construction For Flow Lines	10.00044444									
Construction For Sales P/L						\$3,862,000		\$359,000		\$4,590,000
Total Intangible Cost						33,802,000		3333,000		71,330,000
Tangible - Well Equipment										
Casing		Size	Feet	\$/Foot						
Drive Pipe		0	0.00	\$0.00	DWEB.150	\$0				
Conductor Pipe		0	0.00	\$0.00	DWEB.130	\$0				
Water String Surface Casing		13.375	1500.00	\$36.21	DWEB.140	\$54,000				
Intermediate Casing 1		9.625	9548.00	\$38.45	DWEB.145	\$367,000				
Intermediate Casing 2		0	0.00	\$0.00	DWEB.155	\$0				
Drilling Liner		0	0.00	\$0.00	DWEB.160	\$0		CACO COC		
Production Casing or Liner		5.5	21270.00	\$22.00			DWEA.100		STIMT.101	\$0
Production Tie-Back Tubing	THE RESERVE THE PERSON NAMED IN	2.375	10890.00				MIIIIII		STIMT.101	\$0
Wellhead, Tree, Chokes					DWEB,115	\$35,000	DWEA.120	\$43,000	STIMT.120	\$40,000
Liner Hanger, Isolation Packer					DWEB.100	\$0	DWEA.125	\$0	The state of the s	
Packer, Nipples									STIMT,400	\$5,000
Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A	nchors ESP GVIs PC P	ımal							STIMT.405 STIMT.410	\$0
Tangible - Lease Equipment					THE STATE OF THE S					
N/C Lease Equipment										
Tanks, Tanks Steps, Stairs										
Battery (Heater Treater, Separator, Gas	Treating Equipment)		Anna anna anna anna anna anna anna anna							
Secondary Containments Overhead Power Distribution (electric li	ine to facility)									
Facility Electrical & Automation	to justiney/									
SWD Connection										
Flow Lines (Line Pipe from wellhead to a	central facility)									
Pipeline to Sales										
Meters and Metering Equipment Total Tangibles	Maria and the same of the same	1900000				\$456,000		\$511,000)	\$45,00
Water Carlotte Company of the										
P&A Costs		11111111111	ARRESTS DE MATERIALE	The Landence	12					
					DIDC 295	\$(DICC.275	\$1		
Total Cost					DIDC 295	\$4,318,000		\$870,000		\$4,635,000





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						_	-		
						Production		Post	Total Well
						Floudecton			
					E	quipment /		Completion	Cost
							Cados		
ntangibles					the same of the sa	onstruction	PCOM.100	\$1,000	\$193,50
oads & Location Preparation / Restor	otion				CON.100	\$900	PCOM.100	31,000	\$28,90
amages					CON.105	\$900		6144.000	
Aud / Fluids Disposal Charges	Property and I		45.00				PCOM.255	\$144,000	\$384,00
Pay Rate HHHHHHH DH Days	50.00 ACP Days (\$5.00	Per Day		<i></i>		<i>/////////////////////////////////////</i>	\$1,432,00
Aisc Preparation Cost (mouse hole, rai	hole, pads, pile clusters	, misc.)							\$26,00
its							PCOM.125	\$0	\$170,00
uel \$2.00	Per Gallon	######	Gallons Per Da	y			PCOM.130	\$0	\$180,00
Vater for Drilling Rig / Completion Flu	ds (Not Frac Water)						PCOM.135	\$1,000	\$32,00
Aud & Additives									\$400,00
urface Rentals				10.00	CON.140	\$3,000	PCOM.140	\$280,000	\$543,00
Downhole Rentals							PCOM.145	\$0	\$30,00
formation Evaluation (DST, Coring Incl	uding evaluation, G&G S	ervices)							
Aud Logging		Days @	\$1,000.00	Per Day					\$48,00
	1 40.00	100/06 1	75/000.00	,,					
Open Hole Logging									\$175,00
Tementing & Float Equipment		-			*******		25521152	\$3,700	\$30,70
ubular Inspections							PCOM.160	\$3,700	
Casing Crews									\$53,00
xtra Labor, Welding, Etc.					CON.170		PCOM,170	\$0	\$89,00
and Transporation (Trucking for tang	bles)				CON,175	\$8,000		\$6,800	\$46,8
upervision			\$4,000.00	Per Day	CON.180	\$8,500	PCOM.180	\$8,500	\$319,0
railer House / Camp / Catering									\$65,0
Other Misc Expenses	AND DESCRIPTION OF THE PERSON NAMED IN				CON.190	\$3,000	PCOM.190	\$0	\$30,0
Overhead									\$16,0
Remedial Cementing	CH3-120-22-12-12-12-12-12-12-12-12-12-12-12-12-						PCOM.215	\$0	
		-							\$215,0
MOB/DEMOB		THE PERSONS							\$300,0
Directional Drilling Services		12.00				CA 000			
Crane for Construction					CON.230	\$4,000			\$4,0
Solids Control						444444			\$43,0
Well Control Equip (Snubbing Svcs.)							PCOM.240	\$22,000	\$107,0
Fishing & Sidetrack Operations		Construction of the Constr					PCOM.245	\$0	
Completion Rig							PCOM.115	\$14,000	\$14,0
Coil Tubing							PCOM.260	\$0	\$350,0
Completion Logging, Perforating, WL	Inits WI Surveys						PCOM.200	\$0	\$213,0
Composite Plugs	mis, we surveys						PCOM.390	\$0	\$113,0
	ale Additives Fand						PCOM.210	\$0	\$2,881,0
Stimulation Pumping Charges, Chemic									\$299,0
Stimulation Water / Water Transfer /					**********	**********			\$100,0
Cimarex Owned Frac / Rental Equipme	ent		4				********		
egal / Regulatory / Curative	Terror Control				CON.300	\$0			\$20,0
Well Control Insurance	\$1.00 Per Foot								\$21,0
Contingency 0.0	% of Drilling Intangible	es			CON.220	\$10,000	*********	\$48,100	\$474,1
Construction For Flow Lines					CON.310	\$3,500	*****		\$3,5
Construction For Sales P/L					CON.265	\$0			
and the same of the same						\$109,400	1000000	\$529,100	\$9,449,5
Total Intangible Cost									
Total Intangible Cost					Links and the	-	and a real colors of the same		
	SCIENTSTAN				RESERVED IN				
Fangible - Well Equipment		Size	Feet	\$/Foot					
Fangible - Well Equipment Casing		Size 0	Feet 0.00	\$ / Foot \$0.00					
Fangible - Well Equipment Cosing Drive Pipe		0	0.00	\$0.00					
Fangible - Well Equipment Cosing Drive Pipe Conductor Pipe		0	0.00	\$0.00 \$0.00					
Fangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String		0 0 0	0.00 0.00 0.00	\$0.00 \$0.00 \$0.00					
Fangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing		0 0 0 13.375	0.00 0.00 0.00 1500.00	\$0.00 \$0.00 \$0.00 \$36.21					\$54,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1		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					\$54,0
Fangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Sourface Casing Intermediate Casing 1 Intermediate Casing 2		0 0 0 13.375 9.625	0.00 0.00 0.00 1500.00 9548.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00					\$54,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Uner		0 0 0 13.375 9.625 0	0.00 0.00 0.00 1500.00 9548.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00					\$367,0
Tampible - Well Equipment Casing Drive Pipe Canductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner		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 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00					\$54,0 \$367,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Uner		0 0 0 13.375 9.625 0	0.00 0.00 0.00 1500.00 9548.00 0.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00					\$54,0 \$367,0 \$468,0
Tampible - Well Equipment Casing Drive Pipe Canductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner		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 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00			PCOMT.10S	\$69,000	\$54,0 \$367,0 \$468,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Sourface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing		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 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00			PCOMT.105	\$69,000	\$54,0 \$367,0 \$468,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Weilhead, Tree, Chokes		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 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00			PCOMT.105	\$69,000	\$54,0 \$367,0 \$468,0
Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer		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 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00			PCOMT.10S	\$69,000 \$1,800	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0
Tampible - Well Equipment Casing Drive Pipe Canductor Pipe Water String Surface 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, Nipples		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 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00			PCOMT.400	\$1,800	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Sourface 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, Nipples Pumping Unit, Engine	Anchor ESD CM - CC	0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 0.00 1500.00 9548.00 0.00 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00			PCOMT.400 PCOMT.405	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods,	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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00			PCOMT.400	\$1,800	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lesse Equipment	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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00			PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0
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-Bock Trubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment	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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400	\$65,000	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$468,0 \$69,0 \$118,0 \$6,8
Tangible - Well Equipment Cassing Drive Pipe Conductor Pipe Water String Sourface 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, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment N/C Lease Equipment Tangks, Tanks Steps, Stairs		0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 0.00 1500.00 9548.00 0.00 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405	\$65,000 \$71,500	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$468,0 \$118,0 \$6,8 \$55,0 \$71,5
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G		0 0 0 13.375 9.625 0 0 5.5 0 2.375	0.00 0.00 1500.00 9548.00 0.00 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410	\$65,000 \$71,500 \$115,700	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$65,0 \$71,5
Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangable - Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G Secondary Containments	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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415	\$65,000 \$71,500 \$115,700 \$8,000	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$65,0 \$71,5 \$115,7
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G	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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410	\$65,000 \$71,500 \$115,700 \$8,000 \$3,000	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$71,5 \$115,7 \$8,0 \$3,0
Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangable - Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G Secondary Containments	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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415	\$65,000 \$71,500 \$115,700 \$8,000	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$71,5 \$115,7 \$8,0 \$3,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Uner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G. Secondary Containments Overhead Power Distribution (electric	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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.420	\$65,000 \$71,500 \$115,700 \$8,000 \$3,000	PCOMT.400 PCOMT.40S PCOMT.410	\$1,800 \$0	\$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$65,0 \$71,5 \$115,7 \$8,8,0 \$3,1,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lesse Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G Secondary Containments Overhead Power Distribution (electric Facility Electrical & Automation SWD Connection	as 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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.420 CONT.425	\$65,000 \$71,500 \$115,700 \$8,000 \$3,000 \$31,200	PCOMT.400 PCOMT.40S PCOMT.410	\$1,800 \$0	\$367,0 \$468,0 \$69,0 \$118,0 \$6,0 \$71,0 \$115,0 \$8,0 \$3,1,0 \$31,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Downhole Lift Equipment (BHP, Rods, Tangible - Losse Equipment NJC Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G Secondary Containments Overhead Power Distribution (electric Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to	as 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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435	\$65,000 \$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$367,0 \$468,0 \$69,0 \$118,0 \$6.8 \$65,0 \$71,1 \$115,. \$8,0 \$31,0
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G Secondary Containments Overhead Power Distribution (electric Facility Electrical & Automation SHOW Lines (Line Pipe from wellhead to Pipeline to Sales	as 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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435 CONT.440	\$65,000 \$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200	PCOMT.400 PCOMT.40S PCOMT.410	\$1,800 \$0	\$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$65,0 \$71,1 \$115,1 \$3,0 \$31,1 \$23,1
Cansible - Well Equipment Cassing Drive Pipe Conductor Pipe Water String Sourface 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, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G. Secondary Containments Overhead Power Distribution (electric Facility Electrical & Automation SWD Connection Fipe Lines (Line Fire Torm wellhead to Pipeline to Sales Meters and Metering Equipment	as 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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435	\$65,000 \$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$23,200 \$23,200 \$28,800	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$71,5 \$115,7 \$8,0 \$33,0 \$23,2
Cansible - Well Equipment Cassing Drive Pipe Conductor Pipe Water String Sourface 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, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Tangible - Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G. Secondary Containments Overhead Power Distribution (electric Facility Electrical & Automation SWD Connection Fipe Lines (Line Fire Torm wellhead to Pipeline to Sales Meters and Metering Equipment	as 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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.420 CONT.425 CONT.425 CONT.430 CONT.435 CONT.440	\$65,000 \$71,500 \$115,700 \$8,000 \$3,000 \$31,200 \$0 \$23,200	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$71,5 \$115,7 \$8,0 \$33,0 \$23,2
Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G Secondary Containments Overhead Power Distribution (electric Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Sales Meters and Metering Equipment Total Tangibles	as 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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.425 CONT.425 CONT.435 CONT.435 CONT.436 CONT.440	\$65,000 \$71,500 \$115,700 \$8,000 \$31,000 \$31,200 \$0 \$23,200 \$23,200 \$23,200 \$23,200 \$346,400	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$00 \$0 \$0 \$70,800	\$54,0 \$367,0 \$468,0 \$69,0 \$118,0 \$6,8 \$71,5 \$115,7 \$8,0 \$33,0 \$23,2
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, Tangible - Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, G. Secondary Containments Overhead Power Distribution (electric Facility Electrical & Automation SWD Cannection Fipeline to Sales Meters and Metering Equipment	as 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 21270.00	\$0.00 \$0.00 \$0.00 \$36.21 \$38.45 \$0.00 \$0.00 \$22.00	CONT.400 CONT.405 CONT.410 CONT.415 CONT.425 CONT.425 CONT.435 CONT.435 CONT.436 CONT.440	\$65,000 \$71,500 \$115,700 \$8,000 \$31,000 \$31,200 \$0 \$23,200 \$23,200 \$23,200 \$23,200 \$346,400	PCOMT.400 PCOMT.405 PCOMT.410	\$1,800 \$0 \$0	\$54,0 \$367,0 \$468,0 \$468,0 \$118,0 \$6,8

SCANNED
AUG 16 2016
BETH MILLION