

Authorization For Expenditure

A STATE OF THE PARTY OF THE PAR					Date Prepa		ber 20, 2014		
AREX ENERGY CO									
Region	Well Name		Prospen or field Manne	Proppedly Normal	f	L AND	g ARL No.		
nadarko	Hartley 1-32H		CANA NORTHWEST PROSPECT						
gora			Courses	State		Tyg	ie vifel		
6N-12W			Blaine	OK	Oil Gas	Х	Expl Prod	Х	
						atten	THAReann	rud Fineski	
inal Estimate	х	2	st Start Date				15,9	930'	
vised Estimate					Missi	ssippi	11,160'		
lemental Estimate		<u> </u>		and the state of t					
30' (KOP). Drill curve at 12 DL tages. Drill out plugs. Run pro	S build rate to +/-1 oduction tubing. Fig	1160' TVD ar ow to sales t	sing. Drill to 9670', set intermed nd a +/- 4500' long lateral in the hrough new facility. Note that it d was not included in the AFE.	Meramec formation.	Run and cemer	it product	ion casing, sta	age mac m	
				1 20 or Cook	o floint		Completed Well Cost		
ingibles ling Casts			Dry Hole Cost \$4,052,000	After Casin	ig Curk	2.0	\$4,052,000	**************	
pletion Costs				\$3,824			\$3,824,000		
I Intangible Costs			\$4,052,000	· \$3,824	,000		\$7,876,000		
gibles			6405.000	Č400.1	200	1	\$976,000		
l Equipment se Equipment			\$486,000	\$490,0	********************		\$235,000		
I Tangible Well Cost			\$486,000	\$725,	000	51,21			
and Abandon Cost			\$0	\$0		I	\$0		
I Well Cost			\$4,538,000	\$4,549	\$4,549,000		\$9,087,000		
es arbanuira indicatad bala	NA VOLL 35 3 PORT-O	nerating wor	iking interest owner, agree to b	e covered by Operator	's well control i	nsurance	procured by C	Operator s	
ess otherwise indicated belog as Operator conducts open i must provide a certificate o mmencement of drilling oper cured by Operator. I elect to purchase m	ations hereunder a of such insurance ac rations. You agree to y own well control	and to pay you compared to the		ans therefore. If you on at the time this AFE is rance, as provided her	elect to purchas returned, if ava ein, will result i	se your ov allable, bu n your be	vn well contro it in no event l ling covered by	later than y insurand	
ig as Operator conducts open i must provide a certificate o mencement of drilling open coured by Operator. I elect to purchase in ell control insurance procured ated redrilling and clean-up/	ations hereunder a if such insurance ac rations. You agree to y own well control d by Operator, prov pollution expense of	and to pay yo cceptable to that failure to i insurance p vides, among covering drill	our prorated share of the premium operator, as to form and limits, o provide the certificate of insublicy. other terms, for \$20,000,000 (fing (through completion) with a part of the premium of the premium of the premium).	ans therefore. If you that the time this AFE is rance, as provided her 100% W.I.) of Combine 151,000,000 (100% W.	returned, if ava rein, will result i dein, will result i deingle Limit c d. L.) deductible.	se your ov silable, bu n your be overage f	or well contro	later than y insurand	
less otherwise indicated belog as Operator conducts operator conducts operator unust provide a certificate o must provide a certificate o operator. i elect to purchase mell control insurance procured at redrilling and clean-up/insurance procured at the certification of the certifi	ations hereunder a if such insurance ac rations. You agree to y own well control d by Operator, prov pollution expense of s-length contracts thould you choose to g Department, we w market your gas wi	ind to pay yo coeptable to that failure to that failure to linsurance povides, among covering drill with third pato market yo till share with the pay to market you.	our prorated share of the premit Operator, as to form and limits, o provide the certificate of insu- olicy. cother terms, for \$20,000,000 (ans therefore. If you at the time this AFE is rance, as provided her (100% W.I.) of Combine \$1,000,000 (100% W. may include fees. In a puryling subject to all pursuant to which gas	returned, if avien, will result in the state of the terms	allable, but n your be overage f	at in no event in	later than y insurand I and insufficien written	
ess otherwise indicated belog as Operator conducts oper imust provide a certificate o mencement of drilling oper cured by Operator. i elect to purchase imilional indicated redrilling and clean-up/ortested redrilling and clean-up/ortested sells its gas under armiumes delivered over time. Squest to Cimarex's Marketing ill be deemed an election to	ations hereunder a if such insurance ac ations. You agree to y own well control d by Operator, prov pollution expense of s-length contracts of thould you choose to g Department, we w market your gas with s in kind.	and to pay you compand to pay you that failure to that failure to that failure to that failure to with third pay to market you'll share with Climarex to the company of the	our prorated share of the premium properator, as to form and limits, o provide the certificate of insurable, other terms, for \$20,000,000 (; ling (through completion) with a certificate of gas with Clmarex, you have terms and conditions in the properation of the provided share of gas with Clmarex, you have terms and conditions.	ans therefore. If you at the time this AFE is rance, as provided her to the time this AFE is to the time this AFE is to the time time the time time the time time time time time time time tim	returned, if avien, will result in the state of the terms	allable, but n your be overage f	at in no event in	later than y insurand I and insufficien written	
ess otherwise indicated belog as Operator conducts oper must provide a certificate o mencement of drilling oper cured by Operator. i elect to purchase mill control insurance procured ted redrilling and clean-up/insurance sells its gas under arminates sells its gas under arminates delivered over time. Suest to Cimarex's Marketing il be deemed an election to i elect to take my gas l'elect to market my	ations hereunder a if such insurance ac ations. You agree t y own well control d by Operator, prov pollution expense of s-length contracts of chould you choose t it Department, we w market your gas wit s in kind. gas with Cimarex p only and anticipate	and to pay you compand to pay you that failure to the failure fa	our prorated share of the premium properator, as to form and limits, o provide the certificate of insurative, and the completion of the co	ans therefore. If you that the time this AFE is rance, as provided her to the time this AFE is the time this AFE is the time that the time time that the time time time that the time time time time time time time tim	returned, if avi ein, will result i d Single Limit c i.) deductible. ddition, penalt of the terms of will be sold. Fi	e your ov ailable, bu n your be overage f overage f such con ailure to n	or well contro or well contro e incurred for tracts. Upon nake an election	later than y insuranc i and insufficier written on below	
ess otherwise indicated belog as Operator conducts oper must provide a certificate o menement of drilling oper cured by Operator. i elect to purchase mill control insurance procured ted redrilling and clean-up/operator. If control insurance procured ted redrilling and clean-up/operator. If elect to guarder arminance sells its gas under arminance sells its gas under arminance delivered over time. So uest to Cimarex's Marketing ill be deemed an election to i elect to take my gast in election to market my leaders on AEE. I elect to market my leaders on AEE. a blove costs are estimates of hout affecting the authorizand, curative, regulatory and to a selection of the selection	ations hereunder a if such insurance ac ations. You agree t y own well control d by Operator, prov pollution expense of s-length contracts of chould you choose t it Department, we w market your gas wit s in kind. gas with Cimarex p only and anticipate	and to pay you compand to pay you compand to pay you that failure to that failure to that failure to the failure failure to the failure	operator, as to form and limits, oprovide the certificate of insu- olicy. To other terms, for \$20,000,000 (fing (through completion) with a certificate of gas with Cimarex, you have to the terms and conditions ander the terms and conditions where terms and conditions ander the terms and conditions ander the terms and conditions of its coperations without any forese operations with the control operations with the control operation	ans therefore. If you that the time this AFE is rance, as provided her took with the t	returned, if avi ein, will result i d Single Limit c i.) deductible. ddition, penalt of the terms of will be sold. Fi	e your ov ailable, bu n your be overage f overage f such con ailure to n	or well contro or well contro e incurred for tracts. Upon nake an election	l and later than y insurance insufficie written on below	
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ss otherwise indicated beloas Operator conducts operator conducts operator. In elect to purchase microtrol insurance procured ed redrilling and clean-up/lesting and clean-up/le	ations hereunder a if such insurance ac ations. You agree t y own well control d by Operator, prov pollution expense of s-length contracts of chould you choose t it Department, we w market your gas wit s in kind. gas with Cimarex p only and anticipate	and to pay you compand to pay you compand to pay you that failure to that failure to that failure to the failure failure to the failure	operator, as to form and limits, o provide the certificate of insu olicy. other terms, for \$20,000,000 (fing (through completion) with a certificate of insu or the certificate of insu olicy. In other terms, for \$20,000,000 (fing (through completion) with a certificate of gas with Climarex, yeth you the terms and conditions ander the terms and conditions of the t	ans therefore. If you that the time this AFE is rance, as provided her to the time this AFE is rance, as provided her to the time that the time time that the time time that the time time that the time time time that the time time time time time time time tim	returned, if avient activated single Limit of the Limit of Li, deductible. In deductible addition, penaltion of the terms of will be sold. First the actual cost where agrees to policable agreements.	e your ov ailable, bu n your be overage f overage f such con ailure to n	or well contro or well contro e incurred for tracts. Upon nake an election	l and later tham y insurand later tham y insurand land land land land land land land l	



		BCP - Drilling		ACF - Driffing		Completis
		(Dry Hole Cost)				Stimulati
angibles	DIDC.100	\$140,000	Codes /////////	777777777	180640 STIM.100	\$22,
ads & Lacation Preparation / Restoration mages	DIDC.105	\$30,000			////////	111111111111111111111111111111111111111
ud / Fluids Disposal Charges	DIDCGSS	\$125,000			STIM.255	\$80,
v Rate 42.00 DH Days 3.00 ACP Days @ \$19,500.00 Per Day	DIDC.115	\$839,000	DICC.120	\$59,000		
sc Preparation Cost (mouse hole, rat hole, pads, pile clusters, misc.)	DIDC.120 DIDC.125	\$23,000 \$225,000	DICC.125	\$0	STIM.125	
s el \$3.50 Per Gallon ###### Gallons Per Day	DIDC.135	\$296,000	DICC.130	\$0	and the second second second	V///////
el \$3.50 Per Golton ###### Galtons Per Vay ster for Drilling Rig / Completion Fluids (Not Frac Water)	DIDC.140	\$10,000	DICC.135	\$0	3TIM.135	\$41
id & Additives	DIDC:345	\$350,000	777/8//	(4/14/1/4)		11/11/11
face Rentals	GIDC.150	\$61,000	DICC.140	\$6,000	5TIM.140 5TIM.145	\$167 \$41
winhole Rentals	DIDC.165	\$115,000 \$200,000			STIM.150	274
rnation Evaluation (DST, Coring including evaluation, G&G Services) Id Lagging 30.00 Days @ \$900.00 Per Day	DIDC.170	\$32,000				11111111
en Hale Logging	DIDC.180	\$200,000				
menting & Float Equipment	DIDC.185	\$68,000	DICC.155	\$88,000		
bular inspections	DIDC.190	\$14,000	DICC.160	\$4,000		\$2
sing Crews	DIDC.195 DIDC.200	\$39,000 \$15,000	DICC.165	\$30,000	STIM.170	
tra Labor, Welding, Etc.	DIDC.205	\$17,000	DICC.175	\$10,000		\$5
nd Transporation (Trucking for tangibles) pervision \$2,900.00 Per Day	DIDC-210	\$139,000	DICC.180	\$10,000		\$27
pervision Salphed Camp / Catering	0(00,280	\$35,000	DICC.295	\$0	ST(M.280	\$8
her Misc Expenses	D(DC.220	\$1,000	DICC.190	\$0	STIM.190	777777
erhead	DIDC.225	\$10,000	DICC.195	\$0	STIM.215	
medial Cementing	DIDC.231	\$181,000			51R4.215	11111111
DB/DEMOB	DIDC.240 DIDC.245	\$181,000				
rectional Drilling Services ane for Canstruction		///////////////////////////////////////				
lids Control	DIDC.260	\$42,000				
ell Control Equip (Snubbing Svcs.)	DIDC.265	\$37,000		\$0		\$10
hing & Sidetrack Operations	DIDC.270	\$150,000	DICC-245	\$0	STIM.245 STIM.115	\$35
mpletion Rig		*****			STIM.260	\$36
il Tubing mpietion Logging, Perforating, WL Units, WL Surveys					STIM.200	\$16
impletion cogging, Perforating, vol. Ordes, vol. Solveys Imposite Plugs	7777777				STIM,390	\$76
imulation Pumping Charges, Chemicals, Additives, Sand					STIM.210	\$1,953
imulation Water / Water Transfer / Water Storage	44444		4555		STIM.395 STIM.305	\$172
morex Owned Froc / Rental Equipment	DIDC.300	\$4,000	444444		111111111111111111111111111111111111111	VIIIII
egol / Regulatory / Curative [eli Control Insurance \$0.35 Per Foot	DIDC.285	\$6,000				22277777
	<u> </u>					カリスストリントデビ
ontingency 5.0 % of Drilling Intengibles	DIDC.435	\$193,000	DICC.220	\$11,000	STIM.220	\$15
ontingency 5.0 % of Drilling Intengibles onstruction For Flow Lines	DIDC.495	\$193,000		\$11,000	STIM.220	\$15
onstruction For Flow Lines onstruction For Sales P/L	DIDC.435		DICC,220	<i>*************************************</i>		
onstruction For Flow Lines onstruction For Sales P/L	DIDC.435	\$193,000 \$4,052,000	DICC,220	\$11,000		
instruction For Flow Lines instruction For Sales P/L ital Intengible Cost invalids - Well Equipment	DIDC.495		DICC,220	<i>*************************************</i>		
Instruction For Flow Lines Instruction For Sales P/L Ital Intangible Cost Ingales Well Equipment Instruction For Sales P/L Ingales Well Equipment Instruction For Flow Lines Instruction Flow Lines Ins		\$4,052,000	DICC.220	<i>*************************************</i>		
onstruction For Flow Lines onstruction For Sales P/L stal Intangible Cost inspible Well Equipment sing Size Feet 5/Foot rive Pipe 0 0.00 \$0.00	DWEB,150		DICC.220	<i>*************************************</i>		
Size Feet \$ / Foot Foot Feet \$ / Foot \$ / F	DWEB,150	\$4,052,000	DICC.220	<i>*************************************</i>		
Size Feet \$ / Foot	DWEB.150 DWEB.130 DWEB.135	\$4,052,000 \$0 \$0 \$62,000	DICC,220	<i>*************************************</i>		
Instruction For Flow Lines Instruction For Sales P/L Ital Intangible Cost Institution For Sales P/L Ital Intangible Cost Institution For Sales P/L Ital Intangible Cost Institution For Sales P/L Ital Intangible Cost Intantion For Sales P/L Ital Intantion	DWEB.150 DWEB.130 DWEB.135 DWEB.140	\$4,052,000 \$0 \$0 \$62,000 \$387,000	DICC,220	<i>*************************************</i>		
Size Feet 5 / Foot Feet 5 / Foot Feet 5 / Foot Feet Fe	DWE8,150 DWE8,130 DWEB,135 DWEB,145 DWEB,145	\$4,052,000 \$0 \$0 \$62,000 \$387,000	DICC.120	<i>*************************************</i>		
Size Feet \$/Foot	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.155	\$4,052,000 \$0 \$0 \$62,000 \$387,000	DICC.220	\$227,000		
Instruction For Flow Lines Instruction For Sales P/L	DWEB.150 DWEB.135 DWEB.140 DWEB.145 DWEB.145 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000	DICC.120	\$227,000		\$3,33
Size Feet \$ / Foot	DWEB.150 DWEB.135 DWEB.140 DWEB.145 DWEB.145 DWEB.146	\$4,052,000 \$0 \$0 \$62,000 \$387,000	DICC.220	\$227,000	LOLTMITZ 201.TMITZ 201.TMITZ	\$3,33
Size Feet \$ / Foot	DWEB.150 DWEB.135 DWEB.140 DWEB.145 DWEB.145 DWEB.146	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STRAT.191 STRAT.195 STRAT.420	\$3,33
Size Feet \$/Foot	DWEB.150 DWEB.140 DWEB.145 DWEB.145	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.100 DWEA.155	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.101 STIMT.102 STIMT.102	\$3,33 \$3,33
Instruction For Flow Lines Instruction For Sales P/L tal Intangible Cost Ingible Wall Equipment Insing Size Feet \$/Foot Inve Pipe 0 0.00 \$0.00 Inductor Pipe 0 0.00 \$0.00 Inductor String 0 0.00 \$0.00 Inface Casing Insing Interest Cosing I 9.625 9670.00 Interest Interes	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.191 STIMT.193 STIMT.130 STIMT.130	\$3,33
Size Feet \$ / Foot	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.420 STIMT.420 STIMT.405	\$3,33
Instruction For Flow Lines Instruction For Sales P/L tal Intangible Cost Intangible Wall Equipment Interpret Inte	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.191 STIMT.193 STIMT.130 STIMT.130	\$3,33
Instruction For Flow Lines Instruction For Sales P/L Ital Intangible Cost Ingible Wall Equipment Instruction For Sales P/L Ital Intangible Cost Ingible Wall Equipment Instruction For Sales P/L Ital Intangible Cost Instruction For Sales P/L Ital Intangible Cost Instruction For Sales P/L Ital Intangible Cost Instruction For Sales P/L Ital Intangible Cost Interpretation On One One One One One One One One One	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.420 STIMT.420 STIMT.405	\$3,33
Instruction For Flow Lines Instruction For Sales P/L Ital Intengible Cost Inside Well Equipment Insing Size Feet \$ / Foot Inside Well Equipment Insing O 0.00 \$0.00 Inductor Pipe O 0.00 \$0.00 Inductor Pipe O 0.00 \$0.00 Inter String O 0.00 \$0.00 Inter String O 0.00 \$41.30 Interesting I 13.375 1500.00 \$41.30 Interesting I 9.625 9670.00 \$40.00 Intermediate Cosing I 9.625 9670.00 \$40.00 Intermediate Cosing I 0 0.00 \$0.00 Intermediate Co	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.420 STIMT.420 STIMT.405	\$3,33.
Instruction For Flow Lines Instruction For Sales P/L Ital Intangible Cost Institution Flow	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.405 STIMT.405 STIMT.405 STIMT.405	\$3,33.
Instruction For Flow Lines Instruction For Sales P/L tal Intangible Cost Inside Wall Equipment Insing Size Feet \$/Foot Inside Wall Equipment Insing 0 0.00 \$0.00 Inside Pipe 0 0.00 \$0.00 Inside Cosing 0 0.00 \$0.00 Inside Cosing 1 13.375 1500.00 \$41.30 Intermediate Cosing 2 0 0.00 \$0.00 Intermediate Cosing 2 0	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.405 STIMT.405 STIMT.405 STIMT.405	\$3,33
Instruction For Flow Lines Instruction For Sales P/L tal Intangible Cost Inside - Wall Equipment Insing - Size Feet \$ / Foot Inside - Wall Equipment Insing - 0 0.00 \$0.00 Inside Floe - 0 0.00 \$0.00 Inductor Pipe - 0 0.00 \$0.00 Inside Fixing - 0 0.00 \$0.00 Inside Casing - 13.375 1500.00 \$41.30 Intermediate Cosing 1 9.625 9670.00 \$40.00 Intermediate Cosing 2 0 0.00 \$0.00 Intermediate Cosing or Liner - 0 0.00 \$0.00 Intermediate Cosing or Liner - 5.5 15930.00 \$23.70 Intermediate Cosing or Liner - 5.5 15930.00 \$23.70 Intermediate Cosing or Liner - 5.5 15930.00 \$3.00 Intermediate Cosing 2 10 0.00 \$0.00 Intermediate Cosing 2 10 0	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.405 STIMT.405 STIMT.405 STIMT.405	\$3,33
instruction For Flow Lines instruction For Sales PfL total Intangible Cost instruction Fipe	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.405 STIMT.405 STIMT.405 STIMT.405	\$3,33
instruction For Flow Lines instruction For Sales P/L ital Intangible Cost mable - Wall Equipment issing	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.405 STIMT.405 STIMT.405 STIMT.405	\$3,33
instruction For Flow Lines instruction For Sales PfL tal Intangible Cost mable Wall Equipment using Size Feet \$/Foot 1	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.103 DWEA.103	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.401 STIMT.405 STIMT.405 STIMT.405 STIMT.405 STIMT.405	\$3,33
instruction For Flow Lines instruction For Sales P/L ital Intengible Cost inside Wall Equipment issing Size Feet \$ / Foot inside Wall Equipment issing 0 0.00 \$0.00 inductor Pipe 0 0.00 \$0.00 inductor Pipe 0 0.00 \$0.00 infoce Cosing 1.3.375 1500.00 \$41.30 infoce Cosing 1.3.375 1500.00 \$41.30 infoce Cosing 2 0.00 \$0.00 infoce Cosing 3 0.00 \$0.00 infoce Cosing 4 0.00 \$0.00 infoce Cosing 5 1.3.375 1500.00 \$41.30 infoce Cosing 6 0.00 \$0.00 infoce Cosing 7 1.3.375 1500.00 \$41.30 infoce Cosing 8 1.3.375 1500.00 \$41.30 infoce Cosing 9 1.3.375 1500.00 \$41.30 infoce Cosing 9 1.3.375 1500.00 \$41.30 information Cosing or Liner 0.00 \$0.00 information Tie-Back 0.00 \$0.00 information Tie-Back 0.00 \$0.00 information Pocker information Pocker information Pocker information Informati	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000 \$50	DWEA.100 DWEA.125	\$227,000 \$227,000 \$378,000 \$0 \$25,000 \$0	STIMT.191 STIMT.191 STIMT.130 STIMT.430 STIMT.430 STIMT.430	\$3,33
instruction For Flow Lines instruction For Sales P/L ital Intengible Cost insing Size Feet \$ / Foot issing 0 0.00 \$0.00 issing 0 0.00 \$0.00 inductor Pipe 0 0.00 \$0.00 inductor Pipe 0 0.00 \$0.00 inface Casing 1.3.375 1500.00 \$41.30 iterrediate Cosing 1 9.625 9670.00 \$40.00 iterrediate Cosing 2 0 0.00 \$0.00 iterrediate Cosing 2 0 0.00 \$0.00 iterrediate Cosing 2 0 0.00 \$0.00 iterrediate Cosing 3 0.00 \$0.00 iterrediate Cosing 6 0.00 \$0.00 iterrediate Cosing 7 0.00 \$0.00 iterrediate Cosing 7 0.00 \$0.00 iterrediate Cosing 8 0.00 \$0.00 iterrediate Cosing 9 1.00 iterrediate Cosing 9 1.00 iterrediate Cosing 9 1	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000	DWEA.100 DWEA.125	\$227,000 \$227,000 \$378,000 \$0 \$26,000	STIMT.191 STIMT.191 STIMT.130 STIMT.430 STIMT.430 STIMT.430	\$3,33
instruction For Flow Lines instruction For Sales PfL stal Intengible Cost intal Intendible Cost Intendible Cos	DWEB.150 DWEB.140 DWEB.140 DWEB.140 DWEB.140 DWEB.140	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000 \$37,000 \$37,000 \$37,000 \$37,000	DWEA.100 DWEA.105 DWEA.125	\$227,000 \$378,000 \$0 \$25,000 \$0 \$404,000	STIMT.101 STIMT.105 STIMT.405 STIMT.405 STIMT.405	\$3,33
Size Feet \$ / Foot Feet \$ / Foot \$ / Feet \$ / Fee	DWEB.150 DWEB.130 DWEB.140 DWEB.145 DWEB.160 DWEB.160	\$4,052,000 \$0 \$0 \$62,000 \$387,000 \$37,000 \$37,000 \$37,000 \$37,000 \$37,000	DWEA.100 DWEA.125	\$227,000 \$378,000 \$0 \$25,000 \$0 \$404,000	STIMT.191 STIMT.191 STIMT.130 STIMT.430 STIMT.430 STIMT.430	\$ \$5





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						Production		Pest	Total Well
						quipment /		Completion	Cost
Intangibles						onstruction C4 000	PCOM 100	\$0	\$163,000
Roads & Lacation Preparation / Restorat	ion				CON.190 CON.195	\$1,000	PCSM,100		\$30,000
Mud / Fluids Disposal Charges		194			33333A		PCOM:255	\$78,000	\$283,000
Day Rate 42.00 DH Days Misc Preparation Cost (mouse hole, rat i	3.00 ACP Days		\$19,500.00	Per Day	2022 B				\$23,000
Misc Preparation Cost (mouse note, rat r Bits	iole, paas, plie clusters,	, misc.)	-				PCOM.125	\$0	\$225,000
Fuel \$3.50	Per Gallon	######	Gallans Per Da	y			PCOM.130	\$0	\$296,000 \$51,000
Water for Drilling Rig / Completion Fluid	s (Not Frac Water)						PCOM.135	\$0	\$350,000
Mud & Additives Surface Rentals					CON 140	\$3,000	PCOM.140	\$104,000	\$341,000
Downhole Rentals							PCOM.145	\$0	\$156,000
Formation Evaluation (DST, Coring inclu	ding evaluation, G&G S	ervices)	\$900.00	Oan Oan			HHA		\$200,000 \$32,000
Mud Logging Open Hale Logging	30.00	Days @	\$300.00]	rerouy					\$200,000
Cementing & Float Equipment									\$156,000
Tubular Inspections							PCOM.160	\$0	\$20,000 \$69,000
Casing Crews Extra Labor, Welding, Etc.					CON.170	\$47,000	PCOM.170	\$0	\$71,000
Land Transporation (Trucking for tangib	les)				CON.175	\$4,000		\$0	\$36,000
Supervision			\$2,900.00	Per Doy	CON.150	\$5,000	PCOM.180	\$0	\$176,000 \$43,000
Trailer House / Camp / Catering					CON.190	\$3,000	PCOM.190	\$0	\$4,000
Other Misc Expenses Overhead					MANA				\$10,000
Remedial Cementing	The second second					********	PCOM.215	\$0	\$0
MOB/DEMOB								97777777	\$181,000 \$455,000
Oirectional Drilling Services Crane for Construction					CON.230	\$4,000			\$4,000
Solids Control				7		4444			\$42,000
Well Control Equip (Snubbing Svcs.)				- 1		*****	PCOM.240 PCOM.245	\$0 \$0	\$47,000 \$150.000
Fishing & Sidetrack Operations Completion Rig						mmm)	PCOM.115	\$0	\$35,000
Coll Tubing				1.			PCOM.260	\$0	\$362,000
Completion Logging, Perforating, WL U	nits, WL Surveys						PCOM.200	\$0 \$0	\$163,000 \$76,000
Composite Plugs	de Additione Cand						PCOM.390 PCOM.210	\$0	\$1,953,000
Stimulation Pumping Charges, Chemico Stimulation Water / Water Transfer / W							1111111		\$172,000
Cimarex Owned Frac / Rental Equipmen						60	200000		\$14,000 \$4,000
Legal / Regulatory / Curative	\$0.35 Per Foot				CON.300	\$0			\$6,000
Weli Control Insurance Contingency 5.0		es			CON.220	\$3,000	PCOM.220	\$9,000	\$375,000
Construction For Flow Lines	A				COM.310	\$0	10000000000000000000000000000000000000		\$0
Construction For Sales P/L		3/9/			CON.265	\$4,000	Anadama de	\$191,000	\$4,000 \$7,876,000
Total Intengible Cost						muuuunimunimun		- Valarious	
Tangible - Well Equipment					(222222222	*****	×777777777	*******	emmenter.
Casing	3 383	Size	Feet	\$/Foot \$0.00					\$0
Drive Pipe Conductor Pipe •		0	0.00	\$0.00					\$0
Water String	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	0.00	\$0.00					\$0
Surface Casing		13.375	1500.00	\$41.30			*******		\$62,000 \$387,000
Intermediate Cosing 1 Intermediate Cosing 2		9.625	9670.00	\$40.00					\$0
Drilling Liner		0	0.00	\$0.00					\$(
Production Casing or Liner		5.5	15930.00	\$23.70		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			\$378,000
Production Tie-Back	·····	2.375	10780.00	\$0.00			PCOMT.105	\$0	
Tubing Wellhead, Tree, Chokes		1		8. 199					\$83,000
Liner Hanger, Isolation Packer				100			Decret see	\$0	\$7,000
Packer, Nipples							PCOMT.400 PCOMT.405		·
Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A	Anchors, ESP, GVLs, PC	Pump)					PCOMT.410	·	
Tangible - Lease Equipment						Ć=0.	vinnin		éercpor
N/C Lease Equipment					CONT.408	\$50,000			\$50,000 \$30,000
Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Ga	s Treating Equipment)				CONT.418	\$77,000			\$77,000
Secondary Containments					CONT.415	\$6,000			\$6,000 \$3,000
Overhead Power Distribution (electric	ine to facility)				CONT.425	\$3,00			\$3,00
Facility Electrical & Automation SWD Connection					CONT.430	\$1			Ş
Flow Lines (Line Pipe from weilhead to	central facility)				CONT.485	\$12,00		377777777	\$12,00
Pipeline to Sales					CONT.445	\$30,00			\$30,00
Meters and Metering Equipment Total Tangibles					1	\$235,00		\$0	-
The state of the s						777777777	74/1/22/22		
P&A Costs									
					V//////		200000	<u> </u>	\$1
Total Cost						\$309,00		\$191,000	