One	Gastar Expl	Authorization For E		Prepared I	Bv: LJMO	Tax Rate	
Well Name:	MOTT 20-1			Fie	Id: Sooner Trend	Depth:	11,500 '
Legal: Contractor:	20-18N-6W		 -	Parish/Coun Sta	ty: KINGFISHER te: OK	Days: Spud Date:	18
		New Drill X	Other			AFE#	
rpe of Operation Re-Entry		Re-Comp		Budgete	Budgeted: Yes X No:		
rk Descript	on	,					
& comple	te a horizonta	I MERAMEC well.			<u>.</u>		
/ell Prog	ram (Nev	/ Drills and Re-Entry Wells)	e	Depth	Drilling Fluid	Fo	rmation Evaluation
nductor Pipe		20" O.D H-40		60'	water		
Surface		9 5/8" 36 #/ft. J-55 STC 7" 29 #/ft. P-110 LTC		1500 7,500	WBM		
Intermediate Prod. Liner		4.5" 11.6 #/ft P-110 BTC		11,500 '	Water		
osts							
Code	T	Item	Drillin	g Cost	Comple	tion Cost	Total Cost
						8500/8600	
		Drilling & Completion Costs		/8400			207 200
		ration & Maintenance		,800	125	,000	287,800 45,000
	Title Opinio			000			537,000
120	Promeeting	mpletion Rig g & Supervision		,000 000	37	800	109,800
	Fuel	g & Capervision		250			40,250
	Well Evalu	ation		,100		,500	162,600
160	Casing Ser	vices	17,	000		,000	29,000
	Cementing			500		,000	53,500
	Drilling To			500		200	49,700 296,800
		vices, & Rentals		900 900		1,000 I	193,250
	Equipment			900 625		100	56,725
	Environme			460		500	115,960
	Miscellane						
240	Specialty T	ools & Services		000			87,000
	-	Transportation		000	2,	500	12,500
	Welding	Camilaga	5,0	000	4 50	7 500	5,000 1,537,500
	Production Contract L		10	000		7,500	1,537,500
		bandonment		000	36	,000	15,000
	Insurance	- Avianonia		900			6,900
	Overhead	Allocation					
tal Intano	ible Cost		1,37	3,835	2,31	7,450	\$3,691,285
	Casing		133	,535	35,	000	168,535
	Tubing				·	250	34,250
120	Subsurfac	e Equipment				500	69,500
	Welihead E	· ·	11,	500		000	16,500
		Equipment			122	,128	122,128
	-	ous Equipment		- 00-	0.55	E 070	6440.010
otal Tangi	DIE Cost	5.710		5,035		5,878	\$410,913 \$4,102,199
		Total Cost		8,870		33,328	\$4,102,198
		Contengencies 10%		887.00		332.80	\$410,220
		AFE Cost	\$1,67	0,757	\$2,84	11,661	\$4,512,418
	rator	W.i. Share					
	9 #1 - #-	W.I. Share					
	2 #2	W.I. Share					
WII	P#3	W.I. Share					
		Total					
provals							
	Company,	Name & Title		Signature	е		Date
Initiato	٠.,	John O'Dowd	0	1			
1st Leve	F	Rick Johnson	1/11	11-	u-	-	10/25/h
2nd Leve			1	/		-	
		Russ Porter		•	<u></u>		
3rd Leve		Mas Loifei				. -	
provals -	Working Ir	nterest Partners					
	Name & Title			Signature	2		Date
WIP#1					-		2310
VVIE # 1							
NIP #2							