Cimarex Energy Co.

600 N. Marienfeld St.

Suite 600

Midland, Texas 79701

PHONE 432.571.7800

Brooks flo Case 14923

RECEIVED OCD



January 15, 2013

Via: U.S. Certified Mail-Return Receipt No. 91 7108 2133 3938 9333 6039

The Dow Chemical Company Attn: Jere H. Dial P.O. Box 4286 Houston, Texas 77210-4286

Re:

Snoddy Federal No. 23H- Compulsory Pooling Well Proposal

Township 20 South, Range 32 East, N.M.P.M.

Section: 20

Lea County, New Mexico

Dear Pooled Working Interest Owner:

This proposal is being submitted to you in accordance with Compulsory Pooling Order No. R-13671. A copy of the Order is enclosed herewith. As a pooled working interest owner under the Order, you have the right to participate in the above-captioned well (the "Well") by paying your share of estimated well costs within 30 days of your receipt of this proposal.

Accordingly, enclosed herewith is an itemized schedule of estimated costs to drill, complete and equip the Well. If you elect to participate in the Well as a pooled working interest owner, please remit payment for your share of estimated well costs to the attention of the undersigned at the above-letterhead address. Be advised that failure to pay your share of estimated well costs within 30 days of your receipt of this proposal will result in you being a non-consenting working interest owner in the Well.

Please contact the undersigned at (432) 571-7856 if you should have any questions in regard to this proposal.

Respectfully Submitted,

Cimarex Energy Co.

Hayden P. Tresner

Landman

Snoddy Federal No. 21H- Compulsory Pooling Well Proposal

Township 20 South, Range 32 East, N.M.P.M.

Section: 20

Lea County, New Mexico

CC: Oil Conservation Division (Ref. Case No. 14923; Order No. R-13671)

Attn: Florene Davidson 1220 South St. Francis Drive Santa Fe, New Mexico 87505

James Bruce P.O. Box 1056

Santa Fe, New Mexico 87504



Authorization For Expenditure

eattipativeatiiv Cimarex Energy Co.		Date Prepared March 1, 2012							
	eli Name	Weii New	n Rosesson and a	Name t			Dillin	e AFE No.	
Permian Snod	dy Federal	23H	Mitchell	,					
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LoggNon Est SHL: 811 FNL & 644 FEL Sec	26, 20S-32F		County		State 14 m	Oil	×	Expl	x
Est BHL: 2310 FSL & 330 FWL S			Lea		NM	Gas		Prod	
Estimacelype			este Staro Date 2400 sport	MAN E	i: Comp.Date: w. 14 is	1 3000	nation	THE PROPERTY OF THE PARTY OF TH	red Depth
Original Estimate Revised Estimate	Estimate O						Bone Spring		,300' Gal Depili
Supplemental Estimate	0	1		<u> </u>		<u> </u>		9,	900'
Project Description A A A Bone Spri	and the second of the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the section in the second section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section is a section in the section in the section in the section is a section in the section is a section in the section	Potash 4 str	ing design.						
Index of the land					10.0	D-1			
Intangibles Drilling Costs			Dry Hole Co \$2,066,950		After Casing	POINT		mpleted We \$2,066,95	
Completion Costs					\$2,981,40			\$2,981,400	
Total Intangible Costs			\$2,066,950) 	\$2,981,40	10	·	\$5,048,35	0
Tangibles					······································				
Well Equipment Lease Equipment		····	\$696,000	CHARLESTE TO	\$618,50		ļ	\$1,314,50	
Total Tangible Well Cost			\$696,000		\$166,75 \$785,25		.)	\$166,750 \$1,481,2 5	
``									
Plug and Abandon Cost			\$150,000		-\$150,00	0	1	\$0	
Total Well Cost			\$2,912,95	0	\$3,616,6	50		\$6,529,60	00
Commanición Well Costs 1. All tubulars, well or lease e		by COPAS ar	nd CEPS guidelines using	g the Histori	c Price Multiplier.				,
Wellkontrollinsurance Unless otherwise indicated be so long as Operator conducts insurance, you must provide a later than commencement of by insurance procured by Ope I elect to purchase my own we Well control insurance procur related redrilling and clean-up	operations hereund a certificate of such is drilling operations. erator. Il control insurance policy red by Operator, pro	er and to painsurance and You agree to	ay your prorated share of coperator, a coperator, a chart failure to provide the coperator of the coperator	of the prem as to form a ne certificat 000,000 (10	iums therefore. If you nd limits, at the time to e of insurance, as prov 0% W.I.) of Combined	i elect to pui this AFE is re vided herein Single Limit	rchase you cturned, if a , will result	r own well d available, bu t in your bei	ontrol t in no event ng covered
Comments on Alas. The above costs are estimate without affecting the authorizactual legal, curative, regulate	ation for expenditu	re herein gr	anted. By approval of t	his AFE, the	working interest owr	ier agrees to	pay its pro	oportionate	share of
			Cimarex Energy	AND THE PROPERTY OF THE PROPER	and the section to the section of th		City of the Control o		
Precared by Mark Audas		Doug Par	nd completion Manage -k			Manager lexander			
			Joint Interes	t Approv					
Company					Pare				
					. }				



Project Cost Estimate

Lease Name: Snoddy Federal					•	We	No.: 2	3H
Intangible			i.	Codes	Diviliale Coss	Godes	After Casing C	omplered Well
Roads & Location Preparation / Restoration				DIDC.100	\$60,000	DICC.100	\$3,000	\$63,000
Damages				DIDC.105	\$1,000	DICC.105	40	\$1,000
Mud / Fluids Disposal Charges Day Rate 35 DH Days 3.5 AC	DIDC.255	\$50,000	D1CC.235	\$80,000	\$130,000			
Day Rate 35 DH Days 3.5 AC Misc Preparation Cost (mouse hole, rat hole, pads, pile	, 20,5 G	<u> </u>	Per Day	DIDC.115 DIDC.120	\$665,000 \$5,000	DICC.120	\$67,000	\$732,000 \$5,000
Bits	ciusters, imsc.)			D:DC.135	\$65,000	DICC.125	\$1,000	\$66,000
Fuel \$3.70 Per Gallon	11.77	Gallons Per Da	v	DIDC.135	\$117,000	DICC.130	\$1,000	\$118,000
Water / Completion Fluids			Per Day	DIDC.140	\$33,250	DICC.135	\$147,000	\$180,250
Mud & Additives				DIDC.145	\$84,700			\$84,700
Surface Rentals	DIDC.150	\$54,000	DICC.140	\$147,000	\$201,000			
Downhole Rentals	DIDC.155	\$125,000	DICC.145	\$36,000	\$161,000			
Formation Evaluation (DST, Coring including evaluation	DIDC.160			_	\$0			
Mud Logging	\$1,200 Days @	20}	Per Day	DIDC.170	\$28,000			\$28,000
Open Hole Logging		DIDC.180	\$15,000			\$15,000		
Cementing & Float Equipment Tubular Inspections		DIDC.185	\$98,000	DICC.155	\$86,000 \$5,000	\$184,000 \$10,000		
Casing Crews		DIDC.190	\$18,000	DICC,160 DICC,165	\$18,000	\$36,000		
Extra Labor, Welding, Etc.		DIDC.200	\$11,000	DICC.170	\$10,400	\$21,400		
Land Transporation (Trucking)	The state of the s			DIDC.205	\$11,000	DICC.175	\$7,000	\$18,000
Supervision			Per Day	DIDC.219	\$66,000	DICC.130	\$32,000	\$98,000
Trailer House / Camp / Catering			Per Day	DIDC.280	\$35,000	DICC.255	\$4,000	\$39,000
Other Misc Expenses			(DIDC.220	\$2,000	DICC.190	\$7,000	\$9,000
Overhead ·		300	Per Day	D!DC.225	\$1.2,000	DICC.195	\$3,000	\$15,000
Remedial Cementing	······································			DIDC.231		DICC.215	********	\$0
MOB/DEMOB	···			DIDC.240	\$110,000			\$110,000
Directional Drilling Services	14 Days @	12,800	Per Day	DIDC.245	\$204,000			\$204,000
Dock, Dispatcher, Crane	······································	.,		DIDC.250		Dicc.230		\$0
Marine & Air Transportation		/	D D	DIDC.275	645.000	DICC,250		\$0
Solids Control Well Control Equip (Snubbing Svcs.)		<u> </u>	Per Day	DIDC.260	\$46,000 \$3 0,000	2/15/19/2	\$25,000	\$46,000
Fishing & Sidetrack Operations				DIDC.265 (\$30,000	DICC.248	\$25,000	\$55,000
Completion Rig	6 Days @	3,400	Per Day		, , , , , , , , , , , , , , , , , , ,	DICC.115	\$32,000	\$32,000
	1 Days @		Per Day			DICC,260	\$45,000	\$45,000
Completion Logging, Perforating, WL Units, WL Surve						DICC.200	\$70,000	\$70,000
Stimulation		•				DICC.210	\$2,010,000	\$2,010,000
						*.**		
Legal / Regulatory / Curative				0100.300	\$13,000	DICC.280		\$13,000
Well Control Insurance \$0.35 Pe				DIDC.285	\$13,000 \$5,000	THE PROPERTY OF THE PARTY OF TH		\$13,000 \$5,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling International Control Cont						DICC.320	\$50,000	\$13,000 \$5,000 \$148,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling International Construction For Well Equipment				DIDC.285	\$5,000	DICC.720 DWEA.110	\$10,000	\$13,000 \$5,000 \$148,000 \$10,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Interpretation For Well Equipment Construction For Lease Equipment				DIDC.285	\$5,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Inte Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L				DIDC.285	\$5,000 \$98,000	DICC.720 DWEA.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Interpretation For Well Equipment Construction For Lease Equipment				DIDC.285	\$5,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Interpret Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost				DIDC.285	\$5,000 \$98,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Inte Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L) Feet	\$/Foot	DIDC.285	\$5,000 \$98,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000
Well Control Insurance \$0.35 Per Contingency \$5% of Drilling Into Construction For Well Equipment Construction For Sales P/L Total Intangible Cost	angibles Size 36 ··· ''	~~~	\$/Foot \$180.00	DIDC.235 DIDC.495	\$5,000 \$98,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000
Well Control Insurance \$0.35 Per Contingency \$5% of Drilling Into Construction For Well Equipment Construction For Sales P/L Total Intangible Cost Tanglofa - Wallied Euromans Casing Drive Pipe Conductor Pipe	angibles Size	120.00	\$180.00	DIDC.235 DIDC.495	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0
Well Control Insurance \$0.35 Per Contingency \$5% of Drilling Into Construction For Well Equipment Construction For Sales P/L Total Intangible Cost Tenglica Wellisquipment Casing Drive Pipe Conductor Pipe Water String	size 36 · · · · · · · · · · · · · · · · · ·	120.00	\$180.00 \$136.78	DIDC.235 DIDC.495	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000
Well Control Insurance \$0.35 Per Contingency \$5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Tenglofe Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing		120.00 1090.00 3524.00	\$180.00 \$136.78 \$83.03	DIDC.285 DIDC.495 DIDC.495 DIMER.150 DWER.150 DWER.135 DWER.140	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000 \$293,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000
Well Control Insurance \$0.35 Per Contingency \$5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Langling Walks (Dipment) Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing	size 36 · · · · · · · · · · · · · · · · · ·	120.00 1090.00 3524.00	\$180.00 \$136.78 \$83.03 \$42.13	DIDC.285 DIDC.495 DIDC.495 DWER.150 DWER.150 DWER.135 DWER.140 DWER.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000 \$293,000 \$219,000	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000
Well Control Insurance \$0.35 Per Contingency \$5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Length Awalits (Dipment) Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13	DIDC.285 DIDC.495 DIDC.495 DWER.150 DWER.150 DWER.133 DWER.140 DWER.145 DWER.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0	DICC.720 DWEA.110 DLEG.110	\$10,000 \$75,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$0 \$0
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Impelbles Welli Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Drilling Liner	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13	DIDC.285 DIDC.495 DIDC.495 DWER.150 DWER.150 DWER.135 DWER.140 DWER.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000 \$293,000 \$219,000	DICC.120 DWEA.110 DLEQ.110 DICC.265	\$10,000 \$75,000 \$10,000 \$2,981,400	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$0 \$0 \$0
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Image: Construction For Sales P/L Image: Construction For Sales	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13	DIDC.285 DIDC.495 DIDC.495 DWER.150 DWER.150 DWER.133 DWER.140 DWER.145 DWER.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0	DICC.120 DWEA.110 DIEQ.110 DICC.265	\$10,000 \$75,000 \$10,000 \$2,981,400	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$0 \$291,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost VanCible-Walk-Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Drilling Liner Production Casing or Liner Production Tie-Back	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DWER.150 DWER.150 DWER.133 DWER.140 DWER.145 DWER.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0	DICC.220 DWEA.110 DICC.265 DICC.265 DWEA.100 DWEA.100 DWEA.100	\$10,000 \$75,000 \$10,000 \$2,981,400	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$0 \$0 \$0 \$0 \$0
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost VanCible-Walk-Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Drilling Liner Production Casing or Liner Production Tie-Back Tubing	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DWER.150 DWER.150 DWER.133 DWER.140 DWER.145 DWER.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0	DICC.120 DWEA.110 DICC.265 DWEA.100 DICC.265 DWEA.100 DWEA.100 DWEA.100 DWEA.100	\$10,000 \$75,000 \$10,000 \$2,981,400 \$2,981,000 \$2,900 \$2,900 \$0 \$73,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$291,000 \$0 \$75,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Wappible Cost Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Production Casing or Liner Production Tie-Back Tubing N/C Well Equipment	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DIDC.495 DWEB.150 DWEB.150 DWEB.120 DWEB.145 DWEB.145 DWEB.145 DWEB.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$149,000 \$293,000 \$219,000 \$0	DICC.120 DWEA.110 DICC.265 DWEA.100 DICC.265 DWEA.100 DWEA.100 DWEA.100 DWEA.101 DWEA.105 DWEA.115	\$10,000 \$75,000 \$10,000 \$2,981,400 \$2,981,000 \$291,000 \$0 \$73,000 \$72,500	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$291,000 \$0 \$73,000 \$72,500
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Into Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost VanCible-Walk-Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Drilling Liner Production Casing or Liner Production Tie-Back Tubing	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DWER.150 DWER.150 DWER.133 DWER.140 DWER.145 DWER.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$22,000 \$149,000 \$293,000 \$0 \$0	DICC.120 DWEA.110 DICC.265 DWEA.100 DICC.265 DWEA.100 DWEA.100 DWEA.100 DWEA.101 DWEA.105 DWEA.115	\$10,000 \$75,000 \$10,000 \$2,981,400 \$2,981,000 \$2,900 \$2,900 \$0 \$73,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$291,000 \$0 \$73,000 \$72,500
Well Control Insurance \$0.35 Per Contingency 5% of Drilling Interpretation For Well Equipment Construction For Lease Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Wappipipe Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Production Casing or Liner Production Tie-Back Tubing N/C Well Equipment Wellhead, Tree, Chokes	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DIDC.495 DWEB.150 DWEB.150 DWEB.120 DWEB.145 DWEB.145 DWEB.145 DWEB.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$22,000 \$149,000 \$293,000 \$0 \$0	DICC.120 DWEA.110 DICC.265 DWEA.100 DICC.265 DWEA.100 DWEA.100 DWEA.100 DWEA.100 DWEA.101 DWEA.105 DWEA.120	\$10,000 \$75,000 \$10,000 \$2,981,400 \$2,981,400 \$291,000 \$0 \$73,000 \$72,500 \$18,000 \$10,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$291,000 \$0 \$73,000 \$773,000 \$31,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling International Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Wappipipe Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Production Casing or Liner Production Tie-Back Tubing N/C Well Equipment Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DIDC.495 DWEB.150 DWEB.150 DWEB.120 DWEB.145 DWEB.145 DWEB.145 DWEB.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$22,000 \$149,000 \$293,000 \$0 \$0	DICC.120 DWEA.110 DICC.265 DWEA.100 DWEA.100 DWEA.100 DWEA.100 DWEA.105 DWEA.115 DWEA.120 DWEA.120	\$10,000 \$75,000 \$10,000 \$2,981,400 \$2,981,400 \$291,000 \$0 \$73,000 \$72,500 \$18,000 \$10,000 \$0 \$145,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$291,000 \$0 \$73,000 \$772,500 \$31,000 \$10,000
Well Control Insurance \$0.35 Per Contingency 5% of Drilling International Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Wappible Cost Wappible Cost Water String Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Production Casing or Liner Production Tie-Back Tubing N/C Well Equipment Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Lift Equipment (BHP, Rods, Anchors)	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DIDC.495 DWEB.150 DWEB.150 DWEB.120 DWEB.145 DWEB.145 DWEB.145 DWEB.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$22,000 \$149,000 \$293,000 \$0 \$0	DICC.120 DWEA.110 DICC.265 DWEA.100 DICC.265 DWEA.100 DWEA.100 DWEA.100 DWEA.100 DWEA.101	\$10,000 \$75,000 \$10,000 \$2,981,400 \$2,981,400 \$291,000 \$0 \$73,000 \$72,500 \$18,000 \$10,000 \$0	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$73,000 \$775,000 \$31,000 \$10,000 \$0
Well Control Insurance \$0.35 Per Contingency 5% of Drilling International Construction For Well Equipment Construction For Lease Equipment Construction For Sales P/L Total Intangible Cost Wappipipe Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing Drilling Liner Production Casing or Liner Production Tie-Back Tubing N/C Well Equipment Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine	Size 36 "	120.00 1090.00 3524.00 5200.00	\$180.00 \$136.78 \$83.03 \$42.13 \$20.54	DIDC.285 DIDC.495 DIDC.495 DIDC.495 DWEB.150 DWEB.150 DWEB.120 DWEB.145 DWEB.145 DWEB.145 DWEB.145	\$5,000 \$98,000 \$2,066,950 \$22,000 \$22,000 \$149,000 \$293,000 \$0 \$0	DICC.120 DWEA.110 DICC.265 DWEA.100 DICC.265 DWEA.100 DWEA.100 DWEA.100 DWEA.100 DWEA.101	\$10,000 \$75,000 \$10,000 \$2,981,400 \$2,981,400 \$291,000 \$0 \$73,000 \$72,500 \$18,000 \$10,000 \$0 \$145,000	\$13,000 \$5,000 \$148,000 \$10,000 \$75,000 \$10,000 \$5,048,350 \$22,000 \$0 \$149,000 \$293,000 \$219,000 \$0 \$73,000 \$773,000 \$110,000 \$145,000 \$145,000 \$9,000

Total Cost			\$2,912,950			\$3,616,650	\$6,529,600	
P&A Costs				DIDC.295	\$150,000	DICC.275	-\$150,000	\$0
Total Tangibles		·			\$696,000		\$785,250	\$1,481,250
Pipeline to Sales						DWEA.140	\$0	\$0
Offshore Production Structure for Facilities			······			DWEA.135	\$0	\$0
Flow Lines (Line Pipe from wellhead to central facility)			DLEQ.130	\$5,500	\$5,500			
Battery (Heater Treater, Separator, Gas Treating Equipment			DLEQ.125	\$32,500	\$32,500			
Tanks, Tanks Steps, Stairs						DLEQ.120	\$64,250	\$64,250
N/C Lease Equipment						DLEQ.115	\$64,500	\$64,500
Tangible: Lease Equipment								
Lift Equipment (BHP, Rods, Anchors)						DLEQ.105	\$9,000	\$9,000
Pumping Unit, Engine	T					DLEQ.100	\$145,000	\$145,000
Packer, Nipples	· ·					DW5A.130	\$0	\$0
Liner Hanger, Isolation Packer		***************		DWE9.100	\$0		\$10,000	\$10,000
Wellhead, Tree, Chokes			************	DWE8.115	\$13,000	DWEA.120	\$18,000	\$31,000
N/C Well Equipment		5000.00	70.27			DWEA.115	\$72,500	\$72,500
Tubing	27/8"	9000.00	\$8.14			DWEA.105	\$73,000	\$73,000
Production Tie-Back	31/2	14000.00	320.34			DWEA.100	\$291,000	\$291,000 \$0
Production Casing or Liner	5 1/2"	14000.00		UW CB.143)	30 2007 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	DWEA.100	\$291,000	
Drilling Liner Drilling Liner				DWEB.145	\$0 \$0		_	\$0 \$0
Drilling Liner	9 5/8"	5200.00	\$42.13	DWEB.145	\$219,000		_	\$219,000
Surface Casing Intermediate Casina	13-3/8"	3524.00 5200.00			\$293,000		############ 	\$293,000
vvater String	40.0/01	1090.00		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\$149,000			\$149,000