AUTHORITY FOR EXPENDITURE

Mike #1 - 4400' San Andres Test Lea County, New Mexico 660' FSL 660' FEL Section 32, T18S, R37E

Surface Damages (Roads & Location) \$ \$ 7,000 \$ 7,000 Construction of Roads & Location 30,000 30,000 Drilling Fluids (Brine & Fresh) 5,000 5,000 Drilling Mud & Chemicals 5,000 5,000 Surface (56 - 8-5/8" 400' @ §9/Ft.) 4,000 4,000 Cement & Services @ 300 Sacks 5,000 5,000 S-5/8" Float Equipment 850 850 Casing Head & Connection 1,500 1,250 Pit Lining 2,000 2,000 Cost to Casing Point \$ 6,350 \$135,250 Production Casing - 5½" 4400' @ \$6/Ft. \$ 30,000 \$ \$ 30,000 Sylip Float Equipment 1,000 1,000 Cost to Casing Point \$ 6,350 \$135,250 \$141,600 Production Casing - 5½" 4400' @ \$6/Ft. \$ 30,000 \$ \$ 30,000 1,000 Cement & Services @ 1200 Sacks 1,000 1,000 1,000 Ubgging (03N, GR, Cl.) & Perforating 10,000 10,000 18,000 Trating - 50,000 Gals. (50% CO2 5,000 5,000 5,000 5,000 Separator - 30" X 10' 2,500	Items	Tangible	Intangible	Total
Construction of Roads & Location 30,000 30,000 Drilling & \$12/Ft. & \$4500/Day 60,000 60,000 Drilling Fluids (Brine & Fresh) 5,000 5,000 Drilling Mud & Chemicals 6,000 6,000 Surface (56 - 8-5/8' 400' @ \$9/Ft.) 4,000 4,000 Cement & Services @ 300 Sacks 5,000 5,000 8-5/8" Float Equipment 850 850 Casing Head & Connection 1,500 1,500 Pit Lining 2,000 2,000 Logging (CDN - Guard Forxo) 10,000 10,000 Roustabouts, Trucking, Misc. 5,000 5,000 Cost to Casing Point $$$ 6,350 $135,250 $141,600 Production Casing - 5½" 4400' @ $6/Ft. $30,000 $30,000 $30,000 Shi'' Float Equipment 1,000 1,000 1,000 Cement & Services @ 1200 Sacks 15,000 15,000 10,000 Tubing - 2-3/8" 4400' @ $6/Ft. $30,000 $0,000 10,000 Cement & Services @ 1200 Sacks 15,000 1,000 1,000 Tubing - 2-3/8" 4400' @ $4/Ft. 18,000 1,500 1,5$	Surface Damages (Roads & Location)	Ś	\$ 7,000	\$ 7,000
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Drilling Mud & Chemicals 6,000 6,000 Surface (56 - 8 - 5/8" 400' @ \$9/Ft.) 4,000 4,000 Cement & Services @ 300 Sacks 5,000 5,000 8-5/8" Float Equipment 850 1,500 Casing Head & Connection 1,500 1,250 Pit Lining 1,250 1,250 Equipment Rentals 2,000 2,000 Cogging (CDN - Guard Forxo) 10,000 10,000 Roustabouts, Trucking, Misc. 5,000 5,000 Cost to Casing Point \$ 6,350 \$135,250 \$141,600 Production Casing - 5%" 4400' @ \$6/Ft. \$ 30,000 \$ 30,000 \$ 30,000 Sy Float Equipment 1,000 1,000 1,000 Cement & Services (1200 Sacks 1,000 1,000 1,000 Tubing Head & Connections 1,000 1,000 18,000 Valing - 2-3/8" 4400' @ \$4/Ft. 18,000 7,500 7,500 Cast rig - 50,000 Cals. 50,000 50,000 50,000 50,000 Tracturing - 50,000 Cals. 5,500 2,500 8,800 8,800 Pump & Access. 2,500				
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Cement & Services @ 300 Sacks 5,000 5,000 $8 - 5/8''$ Float Equipment 850 850 Casing Head & Connection 1,500 1,250 Pit Lining 1,250 1,250 Equipment Rentals 2,000 2,000 Logging (CDN - Guard Forxo) 10,000 10,000 Roustabouts, Trucking, Misc. 5,000 5,000 Cost to Casing Point \$ 6,350 \$135,250 \$141,600 Production Casing - 5½" 4400' @ \$6/Ft. \$ 30,000 \$ \$ 30,000 \$ \$ 30,000 5½" Float Equipment 1,000 1,000 1,000 Cement & Services @ 1200 Sacks 15,000 15,000 16,000 Tubing Head & Connections 1,000 10,000 10,000 Well Service Unit @ 10 Days 17,000 17,000 17,000 Tracturing - 50,000 Gals. (50% CO2 50,000 50,000 50,000 Cractating Packer 5,000 5,000 5,000 5,000 Sucker Rods - 3/4" 4400' @ \$2/Ft. 8,800 8,800 8,800 Rental Equipment 7,500 7,500 7,500 Rental Equipment		4,000		
Casing Head & Connection 1,500 1,500 Pit Lining 1,250 1,250 Equipment Rentals 2,000 2,000 Logging (CDN - Guard Forxo) 10,000 10,000 Roustabouts, Trucking, Misc. 5,000 5,000 Contingencies @ 3% 4,000 4,000 Cost to Casing Point $$$ 6,350$ $$$135,250$ $$$141,600$ Production Casing - 5½" 4400' @ \$6/Ft. \$\$ 30,000 \$\$ \$\$ 30,000 S½" Float Equipment 1,000 1,000 1,000 Cement & Services @ 1200 Sacks 15,000 15,000 10,000 Tubing Head & Connections 1,000 10,000 10,000 Well Service Unit @ 10 Days 17,000 17,000 17,000 Logging (DSN, GR, CL) & Perforating 10,000 18,000 18,000 Acidizing - 4000 Gals. (50% Co2 50,000 50,000 50,000 Treated 2% KCL Water 2,500 2,500 2,500 15,000 Pump & Access. 2,500 15,000 15,000 15,000 Sucker Rods - 3/4" 4400' @ \$2/Ft. 8,800 7,500 <td< td=""><td></td><td></td><td>5,000</td><td>5,000</td></td<>			5,000	5,000
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Logging (CDN - Guard Forxo)10,00010,000Roustabouts, Trucking, Misc.5,0005,000Contingencies @ 3%4,0004,000Cost to Casing Point $$ 6,350$ $$135,250$ Production Casing - 54"4400' @ \$6/Ft.\$ 30,000\$54" Float Equipment1,0001,000Cuber Red & Connections1,0001,000Vubing Head & Connections1,00010,000Well Service Unit @ 10 Days17,00017,000Logging (DSN, GR, CL) & Perforating10,00010,000Tubing Head & Connections10,00010,000Cogging (DSN, GR, CL) & Perforating10,00010,000Tubing - 2-3/8" 4400' @ \$4/Ft.18,00018,000Acidizing - 4000 Gals.(50% CO250,000Fracturing - 50,000 Gals.(50% CO250,000Treated 2% KCL Water5,0005,000Pump & Access.2,5002,500Rental Equipment15,00015,000Treating Packer7,5007,500Sucker Rods - 3/4" 4400' @ \$2/Ft.8,800Pumping Unit - American 18015,000Letrify w/Parts & Labor7,500Anchors7,500Separator - 30" X 10'2,500Logo Constabouts, Trucking, Misc.2,000Valves & Connections2,000Valves & Connections2,000Valves & Connections2,000Valves & Connections2,000Valves & Connections2,000Valves & Connections2,000Valve	Pit Lining		1,250	1,250
Roustabouts, Trucking, Misc. $5,000$ $5,000$ Contingencies @ 3% $4,000$ $4,000$ Cost to Casing Point $$ 6,350$ $$135,250$ $$141,600$ Production Casing - $54''$ $400'$ @ $$6/Ft$. $$ 30,000$ $$ $ 30,000$ $$ $ 30,000$ $5''_2$ Float Equipment $1,000$ $1,000$ $1,000$ Cement & Services @ 1200 Sacks $15,000$ $10,000$ $10,000$ Tubing Head & Connections $1,000$ $1,000$ $10,000$ Well Service Unit @ 10 Days $17,000$ $17,000$ $10,000$ Logging (DSN, GR, CL) & Perforating $10,000$ $10,000$ $10,000$ Tubing - 2-3/8'' 4400' @ $$4/Ft$. $18,000$ $18,000$ Acidizing - 4000 Gals. $50,000$ $50,000$ $50,000$ Fracturing - 50,000 Gals. (50% CO2 $50,000$ $50,000$ Treated 2% KCL Water $5,000$ $5,000$ $5,000$ Pump & Access. $2,500$ $2,500$ Rental Equipment $6,000$ $6,000$ Treating Packer $1,500$ $15,000$ Sucker Rods - $3/4''$ 4400' @ $$2/Ft$. $8,800$ $8,800$ Pump ig Unit - American 180 $15,000$ $15,000$ Electrify w/Parts & Labor $7,500$ $7,500$ Anchors 750 750 Separator - $30''' X 10'$ $2,500$ $2,500$ Heater Treater - $4' X 20'$ $5,500$ $5,500$ 2 - 210 Steel Tanks $6,000$ $6,000$ 1 - 210 Fiberglass $2,000$ $2,000$ Completion Costs $$ 94,300$ $$134,$	Equipment Rentals		2,000	2,000
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Cost to Casing Point $$ 6,350$ $$135,250$ $$141,600$ Production Casing - 5½" 4400' @ \$6/Ft.\$ 30,000\$\$ 30,0005½" Float Equipment1,0001,000Cement & Services @ 1200 Sacks1,0001,000Tubing Head & Connections1,00017,000Well Service Unit @ 10 Days17,00017,000Logging (DSN, GR, CL) & Perforating10,00018,000Acidizing - 4000 Cals.(50% CO250,000Fracturing - 50,000 Cals.(50% CO250,000Treated 2% KCL Water5,0005,000Pump & Access.2,5002,500Rental Equipment15,00015,000Treating Packer1,50015,000Sucker Rods - 3/4" 4400' @ \$2/Ft.8,8008,800Pumping Unit - American 18015,00015,000Electrify w/Parts & Labor7,5007,500Anchors7507,5002 - 210 Steel Tanks6,0006,0001 - 210 Fiberglass2,0008,000Roustabouts, Trucking, Misc.2,0002,000Valves & Connections2,0002,000Contingencies @ 3% $\frac{6,330}{5,94,300}$ $\frac{$134,250}{$228,550}$	Roustabouts, Trucking, Misc.		5,000	5,000
Production Casing - $5\frac{1}{2}$ " 4400' @ \$6/Ft.\$ 30,000\$ \$ 30,000 $5\frac{1}{2}$ " Float Equipment1,0001,000Cement & Services @ 1200 Sacks15,0001,000Tubing Head & Connections1,00017,000Well Service Unit @ 10 Days17,00017,000Logging (DSN, GR, CL) & Perforating10,00010,000Tubing - 2-3/8" 4400' @ \$4/Ft.18,00018,000Acidizing - 4000 Gals. $7,500$ 7,500Fracturing - 50,000 Cals. (50% CO250,00050,000Treated 2% KCL Water5,0005,000Pump & Access.2,5002,500Rental Equipment6,0006,000Treating Packer1,50015,000Sucker Rods - 3/4" 4400' @ \$2/Ft.8,8008,800Pumping Unit - American 18015,00015,000Electrify w/Parts & Labor7,5007,500Archors750750Separator - 30" X 10'2,5002,500Heater Treater - 4' X 20'5,5005,5002 - 210 Steel Tanks6,0006,0001 - 210 Fiberglass2,0002,000Contingencies @ 3% $\frac{6,000}{5,134,250}$ $\frac{5,228,550}{5,228,550}$ Completion Costs $\frac{5,94,300}{5,134,250}$ $\frac{5,228,550}{5,228,550}$	Contingencies @ 3%		4,000	4,000
5½" Float Equipment 1,000 1,000 Cement & Services @ 1200 Sacks 15,000 15,000 Tubing Head & Connections 1,000 1,000 Well Service Unit @ 10 Days 10,000 10,000 Logging (DSN, GR, CL) & Perforating 10,000 10,000 Tubing - 2-3/8" 4400' @ \$4/Ft. 18,000 18,000 Acidizing - 4000 Gals. 7,500 7,500 Fracturing - 50,000 Gals. (50% CO2 50,000 50,000 Treated 2% KCL Water 5,000 5,000 Pump & Access. 2,500 2,500 Rental Equipment 6,000 6,000 Treating Packer 15,000 15,000 Sucker Rods - 3/4" 4400' @ \$2/Ft. 8,800 8,800 Pumping Unit - American 180 15,000 15,000 Electrify w/Parts & Labor 7,500 7,500 Achors 750 750 Separator - 30" X 10' 2,500 5,500 Leater Treater - 4' X 20' 5,500 5,500 2 - 210 Steel Tanks 6,000 6,000 1 - 210 Fiberglass 2,000 2,000 Rous	Cost to Casing Point	\$ 6,350	\$135,250	\$141,600
Cement & Services @ 1200 Sacks 15,000 15,000 Tubing Head & Connections 1,000 1,000 Well Service Unit @ 10 Days 17,000 17,000 Logging (DSN, GR, CL) & Perforating 10,000 10,000 Tubing - 2-3/8" 4400' @ \$4/Ft. 18,000 18,000 Acidizing - 4000 Gals. (50% CO2 50,000 50,000 Fracturing - 50,000 Gals. (50% CO2 50,000 50,000 50,000 Pump & Access. 2,500 2,500 2,500 Rental Equipment 6,000 6,000 6,000 Treating Packer 1,500 15,000 15,000 Sucker Rods - 3/4" 4400' @ \$2/Ft. 8,800 8,800 8,800 Pumping Unit - American 180 15,000 15,000 15,000 Electrify w/Parts & Labor 7,500 7,500 7,500 Access 2,500 2,500 2,500 2,500 Heater Treater - 4' X 20' 2,500 2,500 2,500 2 - 210 Steel Tanks 6,000 6,000 2,000 1 - 210 Fiberglass 2,000 2,000 2,000 Routes & Co	Production Casing - 5½" 4400' @ \$6/Ft.	\$ 30,000	\$	\$ 30,000
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Tubing - 2-3/8" 4400' @ $\$4/Ft$.18,00018,000Acidizing - 4000 Gals. $7,500$ $7,500$ Fracturing - 50,000 Gals. (50% CO2 $50,000$ $50,000$ Treated 2% KCL Water $5,000$ $50,000$ Pump & Access. $2,500$ $2,500$ Rental Equipment $6,000$ $6,000$ Treating Packer $1,500$ $15,000$ Sucker Rods - $3/4$ " 4400' @ $\$2/Ft$. $8,800$ $8,800$ Pumping Unit - American 180 $15,000$ $15,000$ Electrify w/Parts & Labor $7,500$ $7,500$ Anchors 750 $7,500$ Separator - 30 " X 10' $2,500$ $5,500$ Heater Treater - $4'$ X 20' $5,500$ $5,500$ 2 - 210 Steel Tanks $6,000$ $6,000$ 1 - 210 Fiberglass $2,000$ $2,000$ Roustabouts, Trucking, Misc. $8,000$ $8,000$ Valves & Connections $2,000$ $5,000$ Contingencies @ 3% $\frac{6,000}{$94,300}$ $\frac{5134,250}{$228,550}$				
Acidizing - 4000 Gals.7,5007,500Fracturing - 50,000 Gals. (50% CO250,00050,000Treated 2% KCL Water5,00050,000Pump & Access.2,5002,500Rental Equipment6,0006,000Treating Packer1,5001,500Sucker Rods - $3/4"$ 4400' @ \$2/Ft.8,8008,800Pumping Unit - American 18015,00015,000Electrify w/Parts & Labor7,5007,500Anchors750750Separator - 30" X 10'2,5002,500Heater Treater - 4' X 20'5,5005,5002 - 210 Steel Tanks6,0006,0001 - 210 Fiberglass2,0002,000Roustabouts, Trucking, Misc.8,0008,000Valves & Connections2,0002,000Contingencies @ 3% $\frac{6,000}{$94,300}$ $\frac{5134,250}{$228,550}$			10,000	
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Total Costs \$100,650 \$269,500 \$370,150		<u> </u>	<u> </u>	4220,550
	Total Costs	\$100,650	<u>\$269,500</u>	\$370,150

ALPHA TWENTY-ONE PRODUCTION COMPANY

Exec. Vice President Signed: Tommy Phipps

Signed:

	BEFORE EXAMINER Stamets
	OIL CONSERVATION DIVISION
	EXHIBIT NO. 3
	CASENO. 8250 \$ 8251
	SUBMITTED BY Applicant
L	HEARING DATE 7/11/84

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