



ANTA FE ENERGY RESOURCE INC.

GENERALIZED WELL COST ESTIMATE

WELL NAME Paloma Blanco 18 Fed. Com. No. 1
LOCATION Sec. 18, T23S, R34E
DESCRIPTION Drill and Complete a 13,700' Morrow Gas Well

ACCOUNT	DESCRIPTION OF COSTS		DRY HOLE	PRODUCER
501- 000	TANGIBLE WELL COSTS			
501- 041	Conductor Csg	20" Conductor @ 40'	3,000	3,000
501- 041	Surface Csg	13-3/8" 48.0 ppf H-40 ST&C @ 650'	10,673	10,673
501- 041	Protection Csg	9-5/8" 40.0 ppf K-55 ST&C @ 5,000'	61,200	61,200
501- 041	Intermediate Csg	7" 26.0 ppf S-95 & P-110 LT&C @ 11,800'	135,700	135,700
501- 041	Prod Csg			
501- 041	Prod Liner	4-1/2" 13.50 ppf S-95 LT&C 11,600'-14,000'		15,696
501- 042	Tubing	2-3/8" 4.7 ppf P-105 AB-Mod EUE @ 13,700'		40,740
501- 043	Wellhead		5,000	20,000
501- 044	Pmpg Unit			
501- 045	Prime Mover			
501- 050	Other Dwn Hole Equip	Liner Top Packer & Hanger		15,000
501- 050	Rods			
501- 050	Subsurface Pmps			
501- 055	Csg Equip		4,000	6,000
501- 055	Electrical			
501- 055	Misc. Tangibles			
501- 055	Rod Equip			
501- 055	Tubing Equip			3,500
	TOTAL TANGIBLE COSTS		219,573	311,509
541- 000	LEASE FACILITY COSTS			
541- 050	Flowlines			20,000
541- 050	Labor			20,000
541- 050	Other Prod Equip	GPU & Dehyd Unit		40,000
541- 050	Tank Facilities	2 Steel & 1 Fiberglass Tank w/ walkway		12,000
	TOTAL LEASE FACILITY COSTS		-	92,000
511- 000	INTANGIBLE WELL COSTS			
511- 021	Location	Dirt Work & Damages Payment	40,000	40,000
511- 022	Fencing		2,000	2,000
511- 026	Drilling Water		35,000	35,000
511- 031	Contractor Moving Exp		27,000	27,000
511- 032	Cont Footage or Turnkey			
511- 032	Contractor Daywork	56 DAYS @ \$6350/D	355,600	355,600
511- 033	Drlg Fluid & Additives		60,000	60,000
511- 034	Bits & Reamers		60,000	60,000
511- 036	Coring & Core Analyses			
511- 037	Cement		48,000	54,000
511- 039	Inspection & Tstg of Tang		10,000	10,000
511- 041	Directional Drlg Surveys			
511- 042	Drilling Equip Rental		40,000	40,000
511- 043	Open Hole Logging		45,000	45,000
511- 044	Drill Stem Tstg			
511- 045	Mud Logging	\$550/d X 35 days	19,250	19,250
511- 051	Transportation		6,100	6,100
511- 052	Completion Unit	8 days X \$1200/day		9,600
511- 053	Completion Tool Rental			4,500
511- 054	Cased Hole Logs & Perfing			14,000
511- 055	Stimulation			20,000
511- 056	Rigsite Supervision	56 + 10 X \$550/day	30,800	36,300
511- 072	Administrative Overhead		10,000	15,000
511- 099	Fishing Tools & Exp			
511- 099	Testing: BHP, GOR, 4 Pt Pot			10,000
	Abandonment Cost		30,000	
	Other Intangibles	Rig Fuel at \$900/day X 56 days	50,400	50,400
0.1	Contingency (10%)		86,915	91,375
	TOTAL INTANGIBLES		956,065	1,005,125
	TOTAL COSTS		1,175,638	1,408,634

OPERATION DEPT APPROVAL (Initials)
APPROVAL DATE MRB 2/24/2000

SFER APPROVAL
APPROVAL DATE

[Signature] 2/25/00

ENGINEERING DEPT APPROVAL (Initials)
APPROVAL DATE De 2/25/00

NON-OPERATOR APPROVAL
APPROVAL DATE

BEFORE EXAMINER CATANACH

SF SNYDER EXAMINER NO. 3

CASE NO. 12449



ANTA FE ENERGY RESOURCE INC.

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501- 000	TANGIBLE WELL COSTS			
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501- 041	Surface Csg	13-3/8" 48.0 ppf H-40 ST&C @ 650'	10,673	10,673
501- 041	Protection Csg	9-5/8" 40.0 ppf K-55 ST&C @ 5,000'	61,200	61,200
501- 041	Intermediate Csg	7" 26.0 ppf S-95 & P-110 LT&C @ 11,800'	135,700	135,700
501- 041	Prod Csg			
501- 041	Prod Liner	4-1/2" 13.50 ppf S-95 LT&C 11,600'-14,000'		15,696
501- 042	Tubing	2-3/8" 4.7 ppf P-105 AB-Mod EUE @ 13,700'		40,740
501- 043	Wellhead		5,000	20,000
501- 044	Pmpg Unit			
501- 045	Prime Mover			
501- 050	Other Dwn Hole Equip	Liner Top Packer & Hanger		15,000
501- 050	Rods			
501- 050	Subsurface Pmps			
501- 055	Csg Equip		4,000	6,000
501- 055	Electrical			
501- 055	Misc. Tangibles			
501- 055	Rod Equip			
501- 055	Tubing Equip			3,500
	TOTAL TANGIBLE COSTS		219,573	311,509
541- 000	LEASE FACILITY COSTS			
541- 050	Flowlines			20,000
541- 050	Labor			20,000
541- 050	Other Prod Equip	GPU & Dehyd Unit		40,000
541- 050	Tank Facilities	2 Steel & 1 Fiberglass Tank w/ walkway		12,000
	TOTAL LEASE FACILITY COSTS			92,000
511- 000	INTANGIBLE WELL COSTS			
511- 021	Location	Dirt Work & Damages Payment	40,000	40,000
511- 022	Fencing		2,000	2,000
511- 026	Drilling Water		35,000	35,000
511- 031	Contractor Moving Exp		27,000	27,000
511- 032	Cont Footage or Turnkey			
511- 032	Contractor Daywork	56 DAYS @ \$6350/D	355,600	355,600
511- 033	Drlg Fluid & Additives		60,000	60,000
511- 034	Bits & Reamers		60,000	60,000
511- 036	Coring & Core Analyses			
511- 037	Cement		48,000	54,000
511- 039	Inspection & Tstg of Tang		10,000	10,000
511- 041	Directional Drlg Surveys			
511- 042	Drilling Equip Rental		40,000	40,000
511- 043	Open Hole Logging		45,000	45,000
511- 044	Drill Stem Tstg			
511- 045	Mud Logging	\$550/d X 35 days	19,250	19,250
511- 051	Transportation		6,100	6,100
511- 052	Completion Unit	8 days X \$1200/day		9,600
511- 053	Completion Tool Rental			4,500
511- 054	Cased Hole Logs & Perfing			14,000
511- 055	Stimulation			20,000
511- 056	Rigsite Supervision	56 + 10 X \$550/day	30,800	36,300
511- 072	Administrative Overhead		10,000	15,000
511- 099	Fishing Tools & Exp			
511- 099	Testing: BHP, GOR, 4 Pt Pot			10,000
	Abandonment Cost		30,000	
	Other Intangibles	Rig Fuel at \$900/day X 56 days	50,400	50,400
0.1	Contingency (10%)		86,915	91,375
	TOTAL INTANGIBLES		956,065	1,005,125
	TOTAL COSTS		1,175,638	1,408,634

OPERATION DEPT APPROVAL (Initials)	SFER APPROVAL
APPROVAL DATE MRB 2/24/2000	APPROVAL DATE <i>[Signature]</i> 2/25/00
ENGINEERING DEPT APPROVAL (Initials)	NON-OPERATOR APPROVAL
APPROVAL DATE <i>[Signature]</i> 2/25/00	APPROVAL DATE <i>[Signature]</i>

SF SNYDER, *[Signature]*
CASE NO. 12449



ANTA FE ENERGY RESOURCE INC.

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501- 041	Prod Liner	4-1/2" 13.50 ppf S-95 LT&C 11,600'-14,000'		15,696
501- 042	Tubing	2-3/8" 4.7 ppf P-105 AB-Mod EUE @ 13,700'		40,740
501- 043	Wellhead		5,000	20,000
501- 044	Pmpg Unit			
501- 045	Prime Mover			
501- 050	Other Dwn Hole Equip	Liner Top Packer & Hanger		15,000
501- 050	Rods			
501- 050	Subsurface Pmps			
501- 055	Csg Equip		4,000	6,000
501- 055	Electrical			
501- 055	Misc. Tangibles			
501- 055	Rod Equip			
501- 055	Tubing Equip			3,500
	TOTAL TANGIBLE COSTS		219,573	311,509
541- 000	LEASE FACILITY COSTS			
541- 050	Flowlines			20,000
541- 050	Labor			20,000
541- 050	Other Prod Equip	GPU & Dehyd Unit		40,000
541- 050	Tank Facilities	2 Steel & 1 Fiberglass Tank w/ walkway		12,000
	TOTAL LEASE FACILITY COSTS		-	92,000
511- 000	INTANGIBLE WELL COSTS			
511- 021	Location	Dirt Work & Damages Payment	40,000	40,000
511- 022	Fencing		2,000	2,000
511- 026	Drilling Water		35,000	35,000
511- 031	Contractor Moving Exp		27,000	27,000
511- 032	Cont Footage or Turnkey			
511- 032	Contractor Daywork	56 DAYS @ \$6350/D	355,600	355,600
511- 033	Drig Fluid & Additives		60,000	60,000
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511- 055	Stimulation			20,000
511- 056	Rigsite Supervision	56 + 10 X \$550/day	30,800	36,300
511- 072	Administrative Overhead		10,000	15,000
511- 099	Fishing Tools & Exp			
511- 099	Testing: BHP, GOR, 4 Pt Pot			10,000
	Abandonment Cost		30,000	
	Other Intangibles	Rig Fuel at \$900/day X 56 days	50,400	50,400
0.1	Contingency (10%)		86,915	91,375
	TOTAL INTANGIBLES		956,065	1,005,125
	TOTAL COSTS		1,175,638	1,408,634

OPERATION DEPT APPROVAL (Initials)
APPROVAL DATE MRB 2/24/2000

SFER APPROVAL
APPROVAL DATE *W. W. W. 2/25/00*

ENGINEERING DEPT APPROVAL (Initials)
APPROVAL DATE *De 2/25/00*

NON-OPERATOR APPROVAL
APPROVAL DATE BEFORE EXAMINER CATANACH

SF SNYDER EXHIBIT NO.

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501- 044	Pmpg Unit			
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501- 050	Rods			
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501- 055	Electrical			
501- 055	Misc. Tangibles			
501- 055	Rod Equip			
501- 055	Tubing Equip			3,500
	TOTAL TANGIBLE COSTS		219,573	311,509
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541- 050	Labor			20,000
541- 050	Other Prod Equip	GPU & Dehyd Unit		40,000
541- 050	Tank Facilities	2 Steel & 1 Fiberglass Tank w/ walkway		12,000
	TOTAL LEASE FACILITY COSTS		-	92,000
511- 000	INTANGIBLE WELL COSTS			
511- 021	Location	Dirt Work & Damages Payment	40,000	40,000
511- 022	Fencing		2,000	2,000
511- 026	Drilling Water		35,000	35,000
511- 031	Contractor Moving Exp		27,000	27,000
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511- 045	Mud Logging	\$550/d X 35 days	19,250	19,250
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511- 053	Completion Tool Rental			4,500
511- 054	Cased Hole Logs & Perfing			14,000
511- 055	Stimulation			20,000
511- 056	Rigsite Supervision	56 + 10 X \$550/day	30,800	36,300
511- 072	Administrative Overhead		10,000	15,000
511- 099	Fishing Tools & Exp			
511- 099	Testing: BHP, GOR, 4 Pt Pot			10,000
	Abandonment Cost		30,000	
	Other Intangibles	Rig Fuel at \$900/day X 56 days	50,400	50,400
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	TOTAL INTANGIBLES		956,065	1,005,125
	TOTAL COSTS		1,175,638	1,408,634

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APPROVAL DATE MRB 2/24/2000

SFER APPROVAL
APPROVAL DATE *W. W. W. 2/25/00*

ENGINEERING DEPT APPROVAL (Initials)
APPROVAL DATE *De 2/25/00*

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SF SNYDER EXHIBIT NO.

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501- 050	Rods			
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	Abandonment Cost		30,000	
	Other Intangibles	Rig Fuel at \$900/day X 56 days	50,400	50,400
0.1	Contingency (10%)		86,915	91,375
	TOTAL INTANGIBLES		956,065	1,005,125
	TOTAL COSTS		1,175,638	1,408,634

OPERATION DEPT APPROVAL (Initials)
APPROVAL DATE MRB 2/24/2000

SFER APPROVAL
APPROVAL DATE *W. W. W. 2/25/00*

ENGINEERING DEPT APPROVAL (Initials)
APPROVAL DATE *De 2/25/00*

NON-OPERATOR APPROVAL
APPROVAL DATE BEFORE EXAMINER CATANACH

SF SNYDER EXHIBIT NO.

CASE NO. 12449



ANTA FE ENERGY RESOURCE INC.

GENERALIZED WELL COST ESTIMATE

WELL NAME Paloma Blanco 18 Fed. Com. No. 1
LOCATION Sec. 18, T23S, R34E
DESCRIPTION Drill and Complete a 13,700' Morrow Gas Well

ACCOUNT	DESCRIPTION OF COSTS		DRY HOLE	PRODUCER
501- 000	TANGIBLE WELL COSTS			
501- 041	Conductor Csg	20" Conductor @ 40'	3,000	3,000
501- 041	Surface Csg	13-3/8" 48.0 ppf H-40 ST&C @ 650'	10,673	10,673
501- 041	Protection Csg	9-5/8" 40.0 ppf K-55 ST&C @ 5,000'	61,200	61,200
501- 041	Intermediate Csg	7" 26.0 ppf S-95 & P-110 LT&C @ 11,800'	135,700	135,700
501- 041	Prod Csg			
501- 041	Prod Liner	4-1/2" 13.50 ppf S-95 LT&C 11,600'-14,000'		15,696
501- 042	Tubing	2-3/8" 4.7 ppf P-105 AB-Mod EUE @ 13,700'		40,740
501- 043	Wellhead		5,000	20,000
501- 044	Pmpg Unit			
501- 045	Prime Mover			
501- 050	Other Dwn Hole Equip	Liner Top Packer & Hanger		15,000
501- 050	Rods			
501- 050	Subsurface Pmps			
501- 055	Csg Equip		4,000	6,000
501- 055	Electrical			
501- 055	Misc. Tangibles			
501- 055	Rod Equip			
501- 055	Tubing Equip			3,500
	TOTAL TANGIBLE COSTS		219,573	311,509
541- 000	LEASE FACILITY COSTS			
541- 050	Flowlines			20,000
541- 050	Labor			20,000
541- 050	Other Prod Equip	GPU & Dehyd Unit		40,000
541- 050	Tank Facilities	2 Steel & 1 Fiberglass Tank w/ walkway		12,000
	TOTAL LEASE FACILITY COSTS			92,000
511- 000	INTANGIBLE WELL COSTS			
511- 021	Location	Dirt Work & Damages Payment	40,000	40,000
511- 022	Fencing		2,000	2,000
511- 026	Drilling Water		35,000	35,000
511- 031	Contractor Moving Exp		27,000	27,000
511- 032	Cont Footage or Turnkey			
511- 032	Contractor Daywork	56 DAYS @ \$6350/D	355,600	355,600
511- 033	Drlg Fluid & Additives		60,000	60,000
511- 034	Bits & Reamers		60,000	60,000
511- 036	Coring & Core Analyses			
511- 037	Cement		48,000	54,000
511- 039	Inspection & Tstg of Tang		10,000	10,000
511- 041	Directional Drlg Surveys			
511- 042	Drilling Equip Rental		40,000	40,000
511- 043	Open Hole Logging		45,000	45,000
511- 044	Drill Stem Tstg			
511- 045	Mud Logging	\$550/d X 35 days	19,250	19,250
511- 051	Transportation		6,100	6,100
511- 052	Completion Unit	8 days X \$1200/day		9,600
511- 053	Completion Tool Rental			4,500
511- 054	Cased Hole Logs & Perfig			14,000
511- 055	Stimulation			20,000
511- 056	Rigsite Supervision	56 + 10 X \$550/day	30,800	36,300
511- 072	Administrative Overhead		10,000	15,000
511- 099	Fishing Tools & Exp			
511- 099	Testing: BHP, GOR, 4 Pt Pot			10,000
	Abandonment Cost		30,000	
	Other Intangibles	Rig Fuel at \$900/day X 56 days	50,400	50,400
0.1	Contingency (10%)		86,915	91,375
	TOTAL INTANGIBLES		956,065	1,005,125
	TOTAL COSTS		1,175,638	1,408,634

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APPROVAL DATE MRB 2/24/2000

SFER APPROVAL

APPROVAL DATE

W. W. W. 2/25/00

ENGINEERING DEPT APPROVAL (Initials)

APPROVAL DATE De 2/25/00

NON-OPERATOR APPROVAL

APPROVAL DATE

BEFORE EXAMINER CATANACH

SF SNYDER EXHIBIT NO.

CASE NO. 12449