

WELL COST ESTIMATE

NAME: N.H. 5 State No. 1
 LOC: 4620' FSL & 1980' FWL, Sec. 5-16S-34E, Lea County, New Mexico
 DESC: Drill and Complete a 10,300' Wolfcamp Well

ACCOUNT	DESCRIPTION OF COSTS	DRY HOLE	PRODUCER
511-000	TANGIBLE WELL COSTS		
-001	CONDUCTOR CSG	2,700	2,700
-002	SURFACE CSG	8,350	8,350
-003	PROTECTION CSG 13-3/8" 48.0 ppf H-40 @ 450'	49,750	49,750
	DRILLING LINER 8-5/8" 24.0 ppf & 32.0 ppf K-55 @ 4550'		
-004	PROD CSG		87,035
-005	PROD LINER		
-012	CSG EQUIP	840	3,008
-015	TUBING		41,100
-021	TUBING EQUIP		1,300
-024	RODS		18,700
-026	ROD EQUIP		1,250
-029	SUBSURFACE PMPS		1,250
-031	OTHER DWN HOLE EQUIP		
-038	WELLHEAD	1,000	13,000
-042	PMPG UNIT		48,000
-046	PRIME MOVER		
-054	ELECTRICAL		10,000
-064	MISC. TANGIBLES		
	TOTAL TANGIBLE COSTS	62,640	285,443
54X-000	LEASE FACILITY COSTS		
-075	FLOW LINES		900
-079	TANK FACILITIES		12,500
	OTHER PROD EQUIP		10,000
	LABOR		10,000
	TOTAL LEASE FACILITY COSTS	0	33,400
521-000	INTANGIBLE WELL COSTS		
-127	LOCATION	23,000	23,000
-200	CONTRACTOR MOVING EXP	17,500	17,500
-201	CONT FOOTAGE OR TURNKEY		
-202	CONTRACTOR DAY WORK	120,000	120,000
-205	COMPLETION UNIT		21,000
-208	DRLG FLUID & ADDITIVES	16,000	16,000
-212	WTR & FUEL FOR RIG		
-215	BITS & REAMERS	28,650	28,650
-217	CORING & CORE ANALYSES	7,600	7,600
-219	CEMENT	30,500	48,000
-221	OPEN HOLE LOGGING	15,000	15,000
-223	DRILL STEM TSTG	6,000	6,000
-225	MUD LOGGING	8,750	8,750
-227	DIRECTIONAL DRLG SURVEYS		
-229	COMPLETION TOOL RENTAL		3,900
-230	DRILLING EQUIP RENTAL	9,900	9,900
-231	TRANSPORTATION	5,000	5,000
-236	TESTING: BHP, GOR, 4 PT.POT		2,000
-238	CASED HOLE LOGS & PERFING		3,500
-241	STIMULATION		5,000
-244	INSPECTION & TSTG OF TANG	5,000	5,000
-246	RIG SITE SUPERVISION	9,600	14,100
-251	FENCING	1,000	1,000
-256	FSHC TOOLS & EXPENSES		
-664	ADMINISTRATIVE OVERHEAD	6,160	12,320
	ABANDONMENT COST	10,000	
	OTHER INTANGIBLES		
0	CONTINGENCY (5%)	15,983	18,661
	TOTAL INTANGIBLES	335,643	391,881
	TOTAL COSTS	398,283	710,724

BEFORE EXAMINER CATANACH
 CIL CONSERVATION DIVISION
 Santa Fe EXHIBIT NO. 3
 9354

Estimated By: Michael R. Buntin Date: 3/30/88
 SFEC Approved By: Harold L. Boyt Date: 3/20/88
 Non Operator Approval By: _____ Date: _____

11-Apr-88

SANTA FE ENERGY COMPANY

WELL COST ESTIMATE

NAME: N.H. 35 No. 2
 LOC: 660' FSL & 810' FWL, Sec. 35-15S-33E, Lea County New Mexico
 DESC: Drill and Complete a 10,300' Wolfcamp Well

ACCOUNT	DESCRIPTION OF COSTS	DRY HOLE	PRODUCER
511-000	TANGIBLE WELL COSTS		
-001	CONDUCTOR CSG	2,700	2,700
-002	SURFACE CSG	13-3/8" 48.0 ppf H-40 @ 450'	8,350
-003	PROTECTION CSG	8-5/8" 24.0 ppf & 32.0 ppf K-55 @ 4550'	49,750
	DRILLING LINER		
-004	PROD CSG	5-1/2" 17.0 ppf N-80 LT&C @ 10300'	87,035
-005	PROD LINER		
-012	CSG EQUIP	840	3,008
-015	TUBING	2-7/8" 6.5 ppf N-80 EUE @ 10300'	41,100
-021	TUBING EQUIP		1,300
-024	RODS		18,700
-026	ROD EQUIP		1,250
-029	SUBSURFACE PMPS		1,250
-031	OTHER DWN HOLE EQUIP		
-038	WELLHEAD	1,000	13,000
-042	PMPG UNIT		48,000
-046	PRIME MOVER		
-054	ELECTRICAL		10,000
-064	MISC. TANGIBLES		
	TOTAL TANGIBLE COSTS	62,640	285,443
54X-000	LEASE FACILITY COSTS		
-075	FLOW LINES		900
-079	TANK FACILITIES		12,500
	OTHER PROD EQUIP		10,000
	LABOR		10,000
	TOTAL LEASE FACILITY COSTS	0	33,400
521-000	INTANGIBLE WELL COSTS		
-127	LOCATION	23,000	23,000
-200	CONTRACTOR MOVING EXP	17,500	17,500
-201	CONT FOOTAGE OR TURNKEY		
-202	CONTRACTOR DAY WORK	29 @ \$4000/d	116,000
-205	COMPLETION UNIT		21,000
-208	DRLG FLUID & ADDITIVES	16,000	16,000
-212	WTR & FUEL FOR RIG		
-215	BITS & REAMERS	28,650	28,650
-217	CORING & CORE ANALYSES		
-219	CEMENT	30,500	48,000
-221	OPEN HOLE LOGGING	15,000	15,000
-223	DRILL STEM TSTG	6,000	6,000
-225	MUD LOGGING	8,750	8,750
-227	DIRECTIONAL DRLG SURVEYS		
-229	COMPLETION TOOL RENTAL		3,900
-230	DRILLING EQUIP RENTAL	9,900	9,900
-231	TRANSPORTATION	5,000	5,000
-236	TESTING: BHP, COR, 4 PT. POT		2,000
-238	CASED HOLE LOGS & PERFING		3,500
-241	STIMULATION		5,000
-244	INSPECTION & TSTG OF TANG	5,000	5,000
-246	RIG SITE SUPERVISION	9,300	13,800
-251	FENCING	1,000	1,000
-256	FSHG TOOLS & EXPENSES		
-664	ADMINISTRATIVE OVERHEAD	6,160	12,320
	ABANDONMENT COST	10,000	
	OTHER INTANGIBLES		
0	CONTINGENCY (5%)	15,388	18,066
	TOTAL INTANGIBLES	323,148	379,386
	TOTAL COSTS	385,788	698,229

Estimated By: Michael Burton Date: 3/20/88
 SFEC Approved By: Hayes L. Boyd Date: 4/11/88
 Non Operator Approval By: _____ Date: _____