

AFE/COST ESTIMATE

San Juan Division
Co./Div./Subsid./Dept.

AFE # D90097

ID #

Code General Account #

Exploratory Development X

WELL NAME AND LOCATION FC Federal Com 5
1275' FNL & 1710' FEL, Section 14, T32N, R11W, San Juan Co., New Mexico
DESCRIPTION Drill and complete a 3350' Fruitland Coal Well.

Sub Acct. Codes	ITEM DESCRIPTION							Dry Hole Cost	Completion Cost	Producer/ Other
5	DRILLING & COMPLETION	(A) FOOTAGE 3350		Ft. At \$ 10.60		/Ft.	\$ 35,600	\$	\$ 35,600	
		(B) DAY WORK 1/2/8		Days At \$ 3600/1200		Day	1,800	9,600	11,400	
		(C) MIRU - RDMO								
5	COMPANY LABOR & SUPERVISOR							1,000	1,000	2,000
5	ENGINEERING CONSULTANTS 8/10 Days At \$ 400 /Day							3,200	4,000	7,200
5	GEOLOGICAL CONSULTANTS Days At \$ /Day									
5	CONTRACT SERVICES & LABOR							1,000	3,000	4,000
5	LOCATION, ROADS, SURVEYS, DAMAGES							16,000	5,000	21,000
5	FUEL, LUBE, POWER									
5	BITS, HOLE OPENERS, REAMERS, STABILIZERS								600	600
5	MUD, CHEMICALS, SERVICES & EQUIP. (A) MUD, CHEM., OIL (B) WATER							5,000		5,000
									1,000	1,000
00	MUD LOGGING SERVICES									
5	LOGGING & PERFORATING							8,000	8,000	16,000
00	FORMATION TEST & RELATED EQUIPMENT & SERVICES									
5	WELL STIMULATION SERVICES								160,000	160,000
0	CORING & RELATED SERVICES									
5	CEMENTING SERVICES & ACCESSORIES							3,000	12,000	15,000
25	RENTAL EQUIPMENT & TOOLS							500	2,500	3,000
35	HAULING & FREIGHT							200	1,400	1,600
45	CATERING & OTHER Days At \$ /Day									
55	MOBILIZATION - INSTALLATION (DRILLING PLATFORMS)									
55	DEMOBILIZATION - DISMANTLING & SALVAGE (DRILLING PLATFORMS)									
75	SUPPLYBOATS, CREWBOATS, BARGES, TUGS									
35	SHOREBASE, OFFICE, DOCK FEE & CRANES									
35	AIRCRAFT RENTALS—HELICOPTERS, FIXED WING									
05	DIVERS AND RELATED EQUIPMENT									
15	MISCELLANEOUS							3,800	10,500	14,300
00	OVERHEAD Days At \$ /Day							1,000	1,500	2,500
	Total Intangible Costs							\$ 80,100	\$ 220,100	\$ 300,200
5	COMPANY LABOR & SUPERVISION							\$	\$	\$
5	OUTSIDE LABOR & SERVICES									
5	CASING AND TUBING	Footage	Size	Weight	Grade	Cplg.	Price/Ft.			
		(A) 200	8 5/8	24#	K-55	STC	9.00	1,800	1,800	
		(B) 3350	5 1/2	17#	N-80	LTC	7.50		25,100	
		(C) 3300	2 3/8	4.7#	J-55	EUE	2.25		7,400	
		(D)								
		(E)								
		(F)								
		(G)								
5	SUB-SURFACE WELL EQUIPMENT									
5	WELLHEAD & GUIDE STRUCTURE							1,000	3,000	4,000
5	SURFACE WELL EQUIPMENT Artificial Lift								40,000	40,000
5	TREATERS & SEPARATORS								18,000	18,000
0	COMPRESSORS 500 BBL Heated Tank								5,000	5,000
5	BUILDINGS									
5	BUOYS AND MARKERS									
0	MISC. MATERIALS INSTALLATION & SERVICES								11,000	11,000
0	CONSTRUCTION OVERHEAD									
	Total Tangible Costs							\$ 2,800	\$ 109,500	\$ 112,300
	Total Costs							\$ 82,900	\$ 329,600	\$ 412,500

ed By Trinidad L. Cottrell Title Sr Drlg Engr Date 3-7-90
Approved Edwin E. Vance Title Supv Drlg Date 3-9-90
Approved _____ Title _____ Date _____

Approval-Company _____ By _____ Title _____ Date _____

13 (R-10-89)

Mesa WI	OTHER EXAMINER CATANACH
Others WI	CONSERVATION DIVISION
EXHIBIT NO. 3	
CASE NO. 9990	