

AFE/COST ESTIMATE

San Juan Division

Co./Div./Subsid./Dept.

AFE # D90099

ID #

Code General Account #

Exploratory Development X

WELL NAME AND LOCATION FC State Com 13

970' FSL & 1235' FWL, Section 36, T32N, R11W, San Juan Co., New Mexico

DESCRIPTION Drill and complete a 3190' Fruitland Coal Well.

The well program may change to a cavity type completion based on offset well performance without an impact on cost.

Sub Acct. Codes	ITEM DESCRIPTION						Dry Hole Cost	Completion Cost	Production Other
5	DRILLING & COMPLETION	(A) FOOTAGE 3190	Ft. At \$ 11.00	/Ft.		\$ 35,200		\$	\$ 35,200
		(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						3,200	4,000	7,200
5	GEOLOGICAL CONSULTANTS								
5	CONTRACT SERVICES & LABOR						1,000	3,000	4,000
5	LOCATION, ROADS, SURVEYS, DAMAGES						15,000	5,000	20,000
5	FUEL, LUBE, POWER								
5	BITS, HOLE OPENERS, REAMERS, STABILIZERS							600	600
5	MUD, CHEMICALS, SERVICES & EQUIP. (A) MUD, CHEM., OIL						5,000		5,000
								1,000	1,000
5	(B) WATER								
5	MUD LOGGING SERVICES								
5	LOGGING & PERFORATING						8,000	8,000	16,000
5	FORMATION TEST & RELATED EQUIPMENT & SERVICES								
5	WELL STIMULATION SERVICES							160,000	160,000
5	CORING & RELATED SERVICES								
5	CEMENTING SERVICES & ACCESSORIES						3,000	9,000	12,000
5	RENTAL EQUIPMENT & TOOLS						500	2,500	3,000
5	HAULING & FREIGHT						200	1,400	1,600
5	CATERING & OTHER								
5	MOBILIZATION - INSTALLATION (DRILLING PLATFORMS)								
5	DEMOBILIZATION - DISMANTLING & SALVAGE (DRILLING PLATFORMS)								
5	SUPPLYBOATS, CREWBOATS, BARGES, TUGS								
5	SHOREBASE, OFFICE, DOCK FEE & CRANES								
5	AIRCRAFT RENTALS—HELICOPTERS, FIXED WING								
5	DIVERS AND RELATED EQUIPMENT								
5	MISCELLANEOUS						3,700	10,300	14,000
5	OVERHEAD								
	Total Intangible Costs						\$ 78,600	\$216,900	\$ 295,500
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) 3190	5 1/2	17#	N-80	LTC	7.50	23,900	23,900
		(C) 3140	2 3/8	4.7#	J-55	EUE	2.25	7,100	7,100
		(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
5	COMPRESSORS 500 BBL Heated Tank							5,000	5,000
5	BUILDINGS								
5	BUOYS AND MARKERS								
5	MISC. MATERIALS INSTALLATION & SERVICES							11,000	11,000
5	CONSTRUCTION OVERHEAD								
	Total Tangible Costs						\$ 2,800	\$108,000	\$ 110,800
	Total Costs						\$ 81,400	\$324,900	\$ 406,300

Prepared By <u>Sharon Lottell</u>	Title <u>Sr Drlg Engr</u>	Date <u>3-7-92</u>	Mesa WI
Approved <u>Edwin C. Vance</u>	Title <u>Supv Drlg</u>	Date <u>3-9-90</u>	Before EXAMINER CATANACH
Approved _____	Title _____	Date _____	OIL CONSERVATION DIVISION
Approval Company _____	By _____	Date _____	EXHIBIT NO. <u>3</u>
33-R-10-89			CASE NO. <u>9992</u>