

AFE/COST ESTIMATE

San Juan Division

Co./Div./Subsid./Dept.

AFE #

ID #

Code General Account #

Exploratory Development X

WELL NAME AND LOCATION FC Barnes Com 1
790' FSL & 1745' FWL, Section 15, T32N, R11W, San Juan Co., New Mexico
DESCRIPTION Drill and complete a 3300' Fruitland Coal Well.

Sub Acct. Codes	ITEM DESCRIPTION							Dry Hole Cost	Completion Cost	Production Other
05	DRILLING & COMPLETION	(A) FOOTAGE 3300	Ft. At \$ 10.75	/Ft.				\$ 35,500	\$	\$ 35,500
		(B) DAY WORK 1/8	Days At \$ 3600	/1200Day				1,800	9,600	11,400
		(C) MIRU - RDMO								
15	COMPANY LABOR & SUPERVISOR							1,000	1,000	2,000
25	ENGINEERING CONSULTANTS 8/10							Days At \$ 400 /Day	3,200	4,000
35	GEOLOGICAL CONSULTANTS							Days At \$ /Day		7,200
45	CONTRACT SERVICES & LABOR							1,000	3,000	4,000
55	LOCATION, ROADS, SURVEYS, DAMAGES							15,000	5,000	20,000
65	FUEL, LUBE, POWER									
75	BITS, HOLE OPENERS, REAMERS, STABILIZERS								600	600
85	MUD, CHEMICALS, SERVICES & EQUIP. (A) MUD, CHEM., OIL							5,000		5,000
									1,000	1,000
	(B) WATER									
90	MUD LOGGING SERVICES									
95	LOGGING & PERFORATING							8,000	8,000	16,000
00	FORMATION TEST & RELATED EQUIPMENT & SERVICES									
05	WELL STIMULATION SERVICES								160,000	160,000
10	CORING & RELATED SERVICES									
15	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)									
65	DEMOBILIZATION - DISMANTLING & SALVAGE (DRILLING PLATFORMS)									
75	SUPPLYBOATS, CREWBOATS, BARGES, TUGS									
85	SHOREBASE, OFFICE, DOCK FEE & CRANES									
95	AIRCRAFT RENTALS—HELICOPTERS, FIXED WING									
05	DIVERS AND RELATED EQUIPMENT									
15	MISCELLANEOUS							3,800	10,500	14,300
00	OVERHEAD							Days At \$ /Day		
	Total Intangible Costs							\$ 79,000	\$220,100	\$ 299,100
15	COMPANY LABOR & SUPERVISION							\$	\$	\$
45	OUTSIDE LABOR & SERVICES									
25	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) 3300	5 1/2	17#	N-80	LTC	7.50		24,800	24,800
		(C) 3250	2 3/8	4.7#	J-55	EUE	2.25		7,300	7,300
		(D)								
		(E)								
		(F)								
		(G)								
35	SUB-SURFACE WELL EQUIPMENT									
45	WELLHEAD & GUIDE STRUCTURE							1,000	3,000	4,000
55	SURFACE WELL EQUIPMENT Artificial Lift								40,000	40,000
65	TREATERS & SEPARATORS								18,000	18,000
70	COMPRESSORS 500 bbl Heated Tank								5,000	5,000
75	BUILDINGS									
85	BUOYS AND MARKERS									
90	MISC. MATERIALS INSTALLATION & SERVICES								11,000	11,000
00	CONSTRUCTION OVERHEAD									
	Total Tangible Costs							\$ 2,800	\$109,100	\$ 111,900
	Total Costs							\$ 81,200	\$329,200	\$ 411,000

Prepared By Frederick Lottick Title Sr Drlg Engr Date 3-7-90 Mesa WI

Approved Edwin C. Vance Title Supv Drlg Date 3-9-90 Others WI

Approved _____ Title _____ Date _____

Approval-Company _____ By _____ Title _____ Date _____

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

EXHIBIT NO. 3

CASE NO. 9991

A 33 (R-10-89)