

AFE/COST ESTIMATE

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

AFE # D90078

ID #

Code General Account #

Exploratory Development X

LEASE, WELL NAME, AND LOCATION FC Federal Com #10
2,405' FNL & 1,725' FEL, Section 33, T30N, R10W, San Juan County, New Mexico
DESCRIPTION Drill & complete a 2,660' Fruitland Coal well

Sub Acct. Codes	ITEM DESCRIPTION						Dry Hole Cost	Completion Cost	Production/ Other
105	DRILLING & COMPLETION	(A) FOOTAGE 2,660 Ft. At \$ 12.33 /Ft.					\$ 32,800	\$	\$ 32,800
		(B) DAY WORK 1/8 Days At \$ 3,600/1,200					1,800	9,600	11,400
		(C) MIRU - RDMO							
115	COMPANY LABOR & SUPERVISOR						1,000	1,000	2,000
125	ENGINEERING CONSULTANTS 8/10 Days At \$ 400 /Day						3,200	4,000	7,200
135	GEOLOGICAL CONSULTANTS Days At \$ /Day								
145	CONTRACT SERVICES & LABOR						1,000	3,000	4,000
155	LOCATION, ROADS, SURVEYS, DAMAGES						15,000	5,000	20,000
165	FUEL, LUBE, POWER								
175	BITS, HOLE OPENERS, REAMERS, STABILIZERS							600	600
185	MUD, CHEMICALS, SERVICES & EQUIP. (A) MUD, CHEM., OIL						4,000		4,000
	(B) WATER							1,000	1,000
190	MUD LOGGING SERVICES								
195	LOGGING & PERFORATING						8,000	8,000	16,000
200	FORMATION TEST & RELATED EQUIPMENT & SERVICES								
205	WELL STIMULATION SERVICES							160,000	160,000
210	CORING & RELATED SERVICES								
215	CEMENTING SERVICES & ACCESSORIES						3,000	11,000	14,000
225	RENTAL EQUIPMENT & TOOLS						500	2,500	3,000
235	HAULING & FREIGHT						200	1,300	1,500
245	CATERING & OTHER Days At \$ /Day								
255	MOBILIZATION - INSTALLATION (DRILLING PLATFORMS)								
265	DEMOBILIZATION - DISMANTLING & SALVAGE (DRILLING PLATFORMS)								
275	SUPPLYBOATS, CREWBOATS, BARGES, TUGS								
285	SHOREBASE, OFFICE, DOCK FEE & CRANES								
295	AIRCRAFT RENTALS—HELICOPTERS, FIXED WING								
305	DIVERS AND RELATED EQUIPMENT								
315	MISCELLANEOUS						3,600	10,400	14,000
400	OVERHEAD Days At \$ /Day						1,000	1,500	2,500
	Total Intangible Costs						\$ 75,100	\$ 218,900	\$ 294,000
115	COMPANY LABOR & SUPERVISION						\$	\$	\$
145	OUTSIDE LABOR & SERVICES								
325		Footage	Size	Weight	Grade	Cplg.	Price/Ft.		
CASING AND TUBING	(A)	200'	8 5/8"	24#	K-55	STC	\$9.00	1,800	1,800
	(B)	2660'	5 1/2"	17#	N-80	LTC	7.50	20,000	20,000
	(C)	2610'	2 3/8"	4.7#	J-55	EUE	2.25	5,900	5,900
	(D)								
	(E)								
	(F)								
	(G)								
335	SUB-SURFACE WELL EQUIPMENT								
345	WELLHEAD & GUIDE STRUCTURE						1,000	3,000	4,000
355	SURFACE WELL EQUIPMENT Artificial Lift							40,000	40,000
365	TREATERS & SEPARATORS							18,000	18,000
370	COMPRESSORS 500 BBL Heated Tank							5,000	5,000
375	BUILDINGS								
385	BUOYS AND MARKERS								
390	MISC. MATERIALS INSTALLATION & SERVICES							11,000	11,000
400	CONSTRUCTION OVERHEAD								
	Total Tangible Costs						\$ 2,800	\$ 102,900	\$ 105,700
	Total Costs						\$ 77,900	\$ 321,800	\$ 399,700

Prepared By Tristram L Cottrell Title Sr. Drlg. Eng Date 2-19-90 Mesa WI
Others WI

Mesa Approved Edwin C. Hance Title Supv. Drlg. Date 2/21/90

Mesa Approved _____ Title _____ Date _____

WI Approval-Company _____ By: _____ Title _____ Date _____

MESA 33 (R-10-89)

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

EXHIBIT NO. 4

CASE NO. 9919