



LOGGING AND CORING INSTRUCTIONS

SAMPLES:

Collect every _____ 30 ft. to 4498' (or top of Mancos "B")
 Collect every _____ 20 ft. to 4703' (or base of Mancos "B")
 Collect every _____ 30 ft. to 7525' (or top of Dakota)
 Collect every _____ 10 ft. to 7707' (or base of Dakota)
 _____ 20 ft. to T.D. 8370'

Forward set(s) of Samples to:

American Stratigraphic Co.

6280 E. 39th Avenue

Denver, Colorado 80207.

ELECTRIC AND POROSITY LOGS

Plan to Run: Mud: DIL, Compensated Neutron-Formation Density.
 (Note: If hole is switched from air to mud a sonic log might also be run and a dipmeter will be run through the Dakota)

Air: DIL, Compensated FDL, Compensated SNL
 (Note: Temperature Log may be run if the well is flowing gas)

CORING

Estimated Core Point _____ Footage _____

POSSIBLE DST's:	DST NO.	FORMATION
_____	_____	_____
_____	_____	_____
_____	_____	_____

CALL DEPTH: Contact Exploration Geologist in Denver office
 at Trip to remove stabilizers before drilling into
Dakota or 100' above the top of the Dakota

STOP DEPTH: Do not drill below the top of the Dakota.

without Geologist and/or mud logger on location.

GEOLOGIC PROGNOSIS FOR WILDCAT OR DEVELOPMENT WELL

COSEKA RESOURCES (U.S.A.) LIMITED
718 17th Street, Suite 630
Denver, Colorado 80202

RECEIVED
NOV 17 1980
COLO. OIL & GAS CONS. COMM.

OPERATOR: Coseka Resources (U.S.A.) Limited WELL NAME: 11-23-1-103
LOCATION: T1N-R103W-Section 23 SE $\frac{1}{2}$ NW $\frac{1}{2}$ COUNTY & STATE: Rio Blanco Co., Colorado
ELEVATION: Grnd. 5473' (Meas) KB: _____
GEOLOGIST: Frank Gibbs PHONE: (303) 986-7306
Michael Martin PHONE: 573-6178
ENGINEER: Don Dunckley PHONE: 243-3846

ESTIMATED FORMATION TOPS

<u>FORMATION</u>	<u>DEPTH</u>	<u>(\pm) ELEVATION</u>
Mancos	3221'	+2252'
Top Castlegate	3448'	+2025'
Top Mancos B	4498'	+ 975'
Base Mancos B	4703'	+ 770'
Top Dakota	7525'	-2052'
Top Cedar Mtn-Morrison	7707'	-2234'
Top Entrada	8420'	-2947'

*Adjust tops to Castlegate when information is available.

Ref: Chevron #1-Federal

TOTAL DEPTH 8370'

GEOLOGIC STATEMENT OF OBJECTIVES

The Frontier, Dakota and Morrison formations are the objectives in this well.