

National Energy
Board



Office national
de l'énergie

OUTGOING FACSIMILE - MESSAGE - À EXPÉDIER

TO / À	Date <i>March 5 2004</i>	Number of Pages (Incl cover) / Nombre de pages (incluant la couverture) <i>2</i>
	Message To / Destinataire <i>Julie</i>	Facsimile Number / Numéro de télécopier <i>231-0251</i>
	Organization / Organisation <i>Canadako</i>	
F R O M / D E	Message from / Expéditeur <i>Irene Barnes</i>	Telephone Number / Numéro de téléphone <i>403-299-3192</i>
	Branch / Direction OPERATIONS BUSINESS UNIT	Facsimile Number / Numéro de télécopier (403) 292-5876

Comments/Commentaires:

Original approval for your records

N.E.B. COPY
JAN 29 2003Exploratory ☐Delineation ☒Development ☐Service ☐

APPROVAL TO DRILL A WELL

This application is submitted under Section 82 of the *Canada Oil and Gas Drilling Regulations*. When approved under Section 83 of the Regulations, it is the requisite approval for the commencement of drilling operations.

Well Name: ANADARKO ET AL ARROWHEAD RIVER C-55

Operator: ANADARKO CANADA ENERGY Drilling Program No.: _____

Contractor: SHEHTAH DRILLING Interest identifier: _____

Drilling Rig or Unit: 4 E Estimated Well Cost: 4,200,000

Location-Unit: C Section: 55 Grid 60 40 122 45

Coordinates: Lat.: 60 34 04.917 N Long.: 122 55 22.347 W

Area: NORTHWEST TERRITORIES Field / Pool: _____

Elevation-KB/RT: 625mKB (est) (ASL) GL / Seafloor: 619.9

Approx. Spud Date: FEBRUARY 1, 2003 Est. Days on Location: 40

Anticipated Total Depth: 3000mMD Target DEVONIAN SLAVE POINT

EVALUATION PROGRAM

Ten-metre sample N/A

Five-metre sample NEB: 2 VIALS WASHED & DRIED. 1 BAG WASHED & DRIED 650-3000M

Canned sample intervals ANADARKO: 1 VIAL WASHED & DRIED 650-3000M

Conventional cores at N/A

Logs and Tests See Other Information below

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing
<u>508mm</u>			<u>+/- 25</u>	<u>Pressure cemented</u>
<u>245 mm</u>	<u>59.6</u>	<u>L80</u>	<u>+/- 650 m</u>	<u>46T 0:1:0</u>
<u>178 mm</u>	<u>38.7</u>	<u>L80</u>	<u>+/- 2580 m</u>	<u>25 T 1:1:2+6%</u>
				<u>0:1:0</u>

OPEN HOLE +/- 3000m

B.O.P. Equipment: 1 ANNULAR PREVENTOR (346 mm x 34500 kPa). 1 SINGLE GATE RAM
PREVENTER (346 mm x 34500 kPa). 1 DOUBLE GATE RAM PREVENTER
(346 mm x 34500 kPa). 1 CHOKE MANIFOLD (76 mm x 34500 kPa)

Other Information: Log Run #1: 650-2580m. AIT/GR/CNL/LDT/Sonic/DAC
Log Run #2: 2580-FTD CNL/LDT/AIT/Di-Pole Sonic/GR/DAC/FMI. SCALES 1:240 AND 1:600

Signed [Signature] Title: DRILLING MANAGER

Responsible Officer

Name: Dave Brown Company ANADARKO CANADA ENERGY

Date: January 21, 2003 Phone: (403) 231-0232

APPROVAL

An approved copy of this notice is to be posted at each wellsite.

Date: Feb 4/03 Signed: [Signature]

File: 9211-A069-5-1 Chief Conservation Officer

WID: 1979

UWI: 300C556040122450