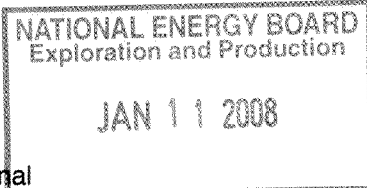




National Energy
Board



Office national
de l'énergie



GEOPHYSICAL OPERATION AUTHORIZATION

Applicant: Kodiak Petroleum ULC
Operating Licence No.: 1190 Land Use Permit / Water Licence No.: MV2006B0038/2006L10011
Geographical Area: EL413, Grandview area of the NWT
Grids or NTS Map Sheets: NTS sheets (1: 50,000):1060 [1,2,7,8]
Interests Identifier: Exploration Licence 413
Description of Operation: 2D Seismic operation

SPECIFICS OF OPERATION

Exclusive ☒ For (if different from applicant): _____ Non-Exclusive ☐ Participation ☐ Purchase / Reprocessing ☐
Proposed Commencement Date: 02/01/2008 Proposed Completion Date: 30/03/2008
No. of Personnel: 50 No. of Crews: 2
Data Acquisition Equipment: Geophones, 10 Hz Estimated Kilometres: 46km
Vessel / Aircraft Names / Registration Numbers: N/A
Energy Source: Dynamite
Depth: 12.00m Charge Size: 2.50kg
Source Parameters: 100 m Detector Parameters: 20 m

OPERATIONAL CONTACT

Name: Jim Trafford
Address: Suite 460, 734-7th Ave., SW, Calgary, AB, T2P 3P8
Telephone: (403)262-8044 Facsimile: (403)513-2670

ESTIMATED EXPENDITURES

	On-Interest	Off-Interest
Field Work:	<u>\$750000.00</u>	<u>\$</u>
Data Processing:	<u>\$65000.00</u>	<u>\$</u>
Interpretation / Laboratory:	<u>\$0.00</u>	<u>\$</u>

CONTRACTORS

Data Acquisition: Geokinetics
Data Processing: To Be Determined
Data Interpretation / Laboratory Studies: To be determined

"I certify that I have complied with the notification, permitting and / or licencing requirements of all federal / territorial legislation that are applicable to this operation".

Signed: [Signature] Date: Jan. 9, 2008
Responsible Officer

Name: Glenn Watt Operator: Kodiak Petroleum ULC
Title: Vp Operations Telephone: (403)262-8044

NEB USE ONLY

This operation is authorized under Section 5.(1)(b) of the *Canada Oil and Gas Operations Act* (O-7) and is subject to the terms and conditions attached to this authorization.

Signed: [Signature] Date: 01 Feb 08
Chief Conservation Officer

Operation Identifier: 9224-K076-002E Number of Attachments: _____

Canada