



Seismograph Service [England] Limited

Directors:

E.D. Wilson (U.S.A.)
B.G. Baugh (U.S.A.)
R.S. Finn (U.S.A.)
H.W. Lawrence (U.S.A.)
J.K. Smith
D.A. Hartley
C.R. Hastings-Jones

Registered Office:

HOLWOOD,
WESTERHAM ROAD,
KESTON, KENT,
ENGLAND, BR2 6HD.

Registered in England No. 479770
V.A.T. Registration 205 9962 45

Tel: Farnborough (Kent) 53355
Telex: 24450
Cables: 'Seislim Bromley'
Inland Telex: 'Seislim Bromley'

The Clerk to the Parish Council

Escrick Parish Council,
Escrick,
Howden,
N. Yorkshire.

c/o Ebor Reservations
1A Whip-ma-Whop-ma-Gate
YORK

Tel: York (0904) 36775

June, 1978.

Dear Sir or Madam,

Seismic Survey on behalf of the N.C.B.

We have been retained by the National Coal Board to complete the Selby prospect Seismic Survey. This work involves a series of seismic survey lines, one or more of which may be through your parish. As this work involves a minimal use of explosive and some unusual looking vehicles, your parishers will obviously be interested in the activities. Accordingly, I have enclosed our standard letter of introduction explaining our operation and a copy map showing the approximate position of the proposed survey lines, both for your information and retention. Also enclosed are some bills for distribution.

notice board.

Should you require any information not contained herein, please do not hesitate to contact me.

Yours faithfully,

R.G.P. LLEWELLYN,
for Seismograph Service (England) Ltd.,
on behalf of N.C.B.

ref. SE/049/05

*Notice posted on Notice Board
Does not actually affect parish of Council*

SEISMIC SURVEY

ON BEHALF OF THE N. C. B.

Seismograph Service England Ltd WISH TO ANNOUNCE THAT THEY ARE CONDUCTING A SEISMIC SURVEY LOCALLY. THE PURPOSE OF THE SURVEY IS TO PRODUCE A CROSS SECTION OF THE ROCK STRATA ALONG THE SURVEY LINE. THIS IS DONE BY RECORDING SOUND WAVES FROM SMALL DETONATIONS PLACED UNDERGROUND BY MOBILE DRILLING APPARATUS. SOME SOUND FROM THE DETONATIONS MAY BE HEARD BUT OTHERWISE THE ONLY MANIFESTATION OF THE SURVEY GENERALLY SEEN WILL BE SEVERAL SLIM CABLES WHERE THE SURVEY CROSSES ROADS. THESE CABLES CONNECT THE RECORDING INSTRUMENTS.

ANY ENQUIRIES CONCERNING THIS SURVEY WILL BE WELCOME AND SHOULD BE DIRECTED TO OUR FIELD ADDRESS BELOW.

c/o Ebor Reservations
1A Whip-ma-Whop-ma-Gate
YORK

Tel: York (0904) 36775



Seismograph Service [England] Limited

Directors:

E.D. Wilson (U.S.A.)
B.G. Baugh (U.S.A.)
H.W. Lawrence (U.S.A.)
R.C. Anderson (U.S.A.)
J.K. Smith
D.A. Hartley
C.R. Hastings-Jones

Registered Office:

HOLWOOD,
WESTERHAM ROAD,
KESTON, KENT,
ENGLAND, BR2 6HD.

Registered in England No. 479770
V.A.T. Registration 205 9962 45

Tel: Farnborough (Kent) 53355
Telex: 24450 SSLHOL G
Cables and Inland Telegrams:
'Seislim Bromley'

Seismograph Service (England) Ltd.,
Party 049,
C/o Ebor Reservations,
1a, Whip-Ma-Whop-Ma Gate,
York,
YO1 2BL

Tel: York 36775

Date:

Dear Sir,

Seismic Survey for the National Coal Board

We are contracted to carry out a seismic survey on behalf of the National Coal Board as part of their geological exploration programme. This survey enables the form and depth of deeply buried layers to be determined by recording the time taken for sound waves, generated by a small explosive charge, to be reflected from such layers and return to the surface. The procedure is:

The Administrator of our survey party firstly contacts Owners and Occupiers of properties along the intended line to give details of the proposed survey and request permission to enter. He then selects the survey line taking into account crops, buildings, underground, overhead and surface installations. He then seeks the agreement of the Owners and Occupiers to the selected line.

It is our desire to be as co-operative as possible and any requests as to timing, access, and information on access routes, private water pipes, wells, drains etc., will be much appreciated and will be provided for.

The Surveyor then accurately lays out the agreed line, placing small wooden pegs in the ground to indicate the desired positions of geophones (detectors similar to small microphones) and shot-points. Occupiers are requested to leave these pegs in the ground. They are removed on completion of our operations, usually only a few days later.

Following the surveyor, a pilot (L.V.L.) crew traverses the line making recordings using very small charges of only a few ounces placed in holes augered to a depth of one or two feet. This is followed by the main crew, which uses slightly larger charges, typically about 2lbs., placed at depths of 35 to 75 feet, and spaced along the line at intervals of approximately 35 to 50 feet. These holes are drilled by truck or tractor mounted units, and they are $3\frac{1}{2}$ to $4\frac{1}{2}$ inches diameter. If there is to be a delay before the hole is used, a concrete plug is inserted at the surface to avoid injury to persons or livestock.

Both the pilot and main crews use a thin cable laid along the line to connect the geophone to a recording vehicle which is usually off-set from the line. Immediately after the charge has been exploded and the seismic reflection times recorded on the instruments in the truck, a concrete plug is inserted in the hole below ploughing depth and the hole is back filled. The geophones remain on the ground for approximately 6 hours only.

Fees are paid by the Administrator as soon as possible on the following scale:

<u>Entry Fees:</u>	To an owner-occupier	£32.50
	To a tenant	£26.00
	To an absentee owner	£ 6.50
<u>Shot-Point Fee:</u>	To an owner-occupier or tenant for each shot-point location drilled	£ 2.00

The Administrator contacts each Occupier to ascertain whether or not there were any complaints or damages resulting from our operations. Any such damage will be made good by the Party's contractor where practicable, or compensated for by agreement between our Administrator and the Occupier. In the unlikely event of agreement not being reached, the Occupier may appoint an independent professional valuer whose fee will be paid by the Company and whose valuation will be accepted.

Indemnity

The Owner and Occupier will be indemnified against any damage caused by the survey. It is also accepted that should damage be caused to land drains arising from or in any way attributable to the carrying out of our operations, the Company will indemnify the Owner and/or Occupier against such damage. Similarly, the Owner and/or Occupier will be indemnified against all third party claims arising as a direct result of the survey.

All permission granted will relate solely to our current operations. Should any further operations be required they would be the subject of separate negotiations which would not be influenced in any way by the permission to carry out current operations.

Yours faithfully,
for Seismograph Service (England) Limited

Administrator

