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19th November, 1957

MEMORANDUM

Visit to Percussion Drill Smithton
and Diamond Drill Whirlpool Reach
from 11th to 15th November, 1957.

11th November, 1957

Left Hobart 8.30 a.m. Called at Launceston and took delivery of 4 section corrugated iron shelter for K. Harper's drill. Arrived Forest and unloaded same and booked in at Stanley 7 p.m.

12th November, 1957

Left Stanley 9 a.m. and called on K. Harper at his home, Forest. He had dismantled the head of Diesel Engine because of blown gasket. New gasket fitted, engine re-assembled and test run - OK. The valve guides and valves will need spares for near future.

Went to Smithton and called on Agricultural Department. Left word for Mr. Graham that there were only a few bores to be done, with the request to advise any intending customers to sign up promptly.

Later we went in search of Mr. M.E. Fahey to arrange for boring his property at Irishtown.

13th November, 1957

Left Stanley 8.45 a.m. for Smithton and Fahey's Lane. Driller rigged up and commenced boring at M.E. Fahey's property.

K. Harper was using a borrowed set of spanners to service the diesel engine and plant, and I recommend the purchase of suitable spanners for plant and engine.

Requirements

For Diesel Engine

Double ended ring spanners (appear to be S.A.E.)

1" x 15/16"	7/8" x 13/16"	3/4" x 25/32"
5/8" x 11/16"	1/2" x 9/16"	3/8" x 7/16"

For Plant

Whitworth threads - Socket type with Tommy Bar and ratchet handle

3/8" 1/2" 5/8" 3/4" 1"

ORDER (From Southern Cross Windmills and Engines Pty. Ltd.,
24 Moray Street, South Melbourne SC5.)

Director of Mines, Hobart

<u>Parts for Mark BD - C</u>	<u>Diesel Engine Catalogue No.</u>
2 Valve Guides	Y.C. 16
1 Exhaust Valve	66
1 Inlet Valve	303
1 Exhaust and Water connecting gasket	203
2 Water sealing rings	Y.C.205
1 Cylinder head cover gasket	212B
1 Cylinder head gasket	167

Other Requirements

Two dozen 10" Hack saw blades

10 lbs. of white metal

One Funnel 2" in stem

One Semi rotary hand pump
(approx. 1½" Suction and 1" delivery)

Note: Suitable hoses in Launceston Store for fitting up. White metal order before and urgently needed.

From Launceston Store (to be sent by rail)

Approx. 200 feet of 5 x 8 gauge casing

2 good partly used tyres 8 ply 7 x 20 tyres

1 new 4" drive pump

2 new square ended drive pump shoes and clacks

(The above items are all checked and being sent on or by the 20th November)

Quote for 6 only 5 x 8 gauge casing shoes

(Southern Cross supplied the best yet (Mark GT-D) at previous price of £4/4/6 each)

4 p.m. Left Smithton at 2.30 p.m. and arrived Burnie

9.45 a.m. Left Burnie 7.30 am. and arrived Launceston at

Made a check over of all drill jars, sinker bars and chisel bits for size and condition.

Drill Jars

One Short pair in fair condition suitable for fishing

One annealed and repaired set suitable for drilling

Two - broken)
Two - cracked) All enough metal for repairing by weld and annealing.

Sinker Bars

3 - 18T thread 3¼" diameter

1 - 18T thread 315/16" diameter

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14th November, 1957

Arrived Beaconsfield 6 p.m.

Director of Mines, Hobart

15th November, 1957

Spent morning at drill site at Whirlpool Reach with D. Hardman, plant rigged down by water on the west side of river. Ready to start drilling.

D. Hardman returned 3 used AXT diamond bits.

Requirements

Four Steel bolts SAE thread - $9/16$ " diameter by $1\frac{1}{2}$ " long and spring washers to match for caravan tow bar extension.

Ten AXT size core boxes and lids to Launceston store

Left Whirlpool Reach at 12 noon and Launceston at 2.30 p.m. and arrived Hobart 5.30 p.m.



(K.L. Evans)
DRILLING SUPERINTENDENT

The Director of Mines,
Department of Mines,
HOBART.