









DANGER
DO NOT ENTER
RESTRICTED AREA

DANGER
DO NOT ENTER
RESTRICTED AREA
RESTRICTED AREA

















Handwritten text on a larger sheet of paper, likely a page from a book or a document. The text is written in a cursive script and is mostly illegible due to the image quality. The text appears to be a list or a set of instructions related to the diagram above it.

(10107)

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DANGER

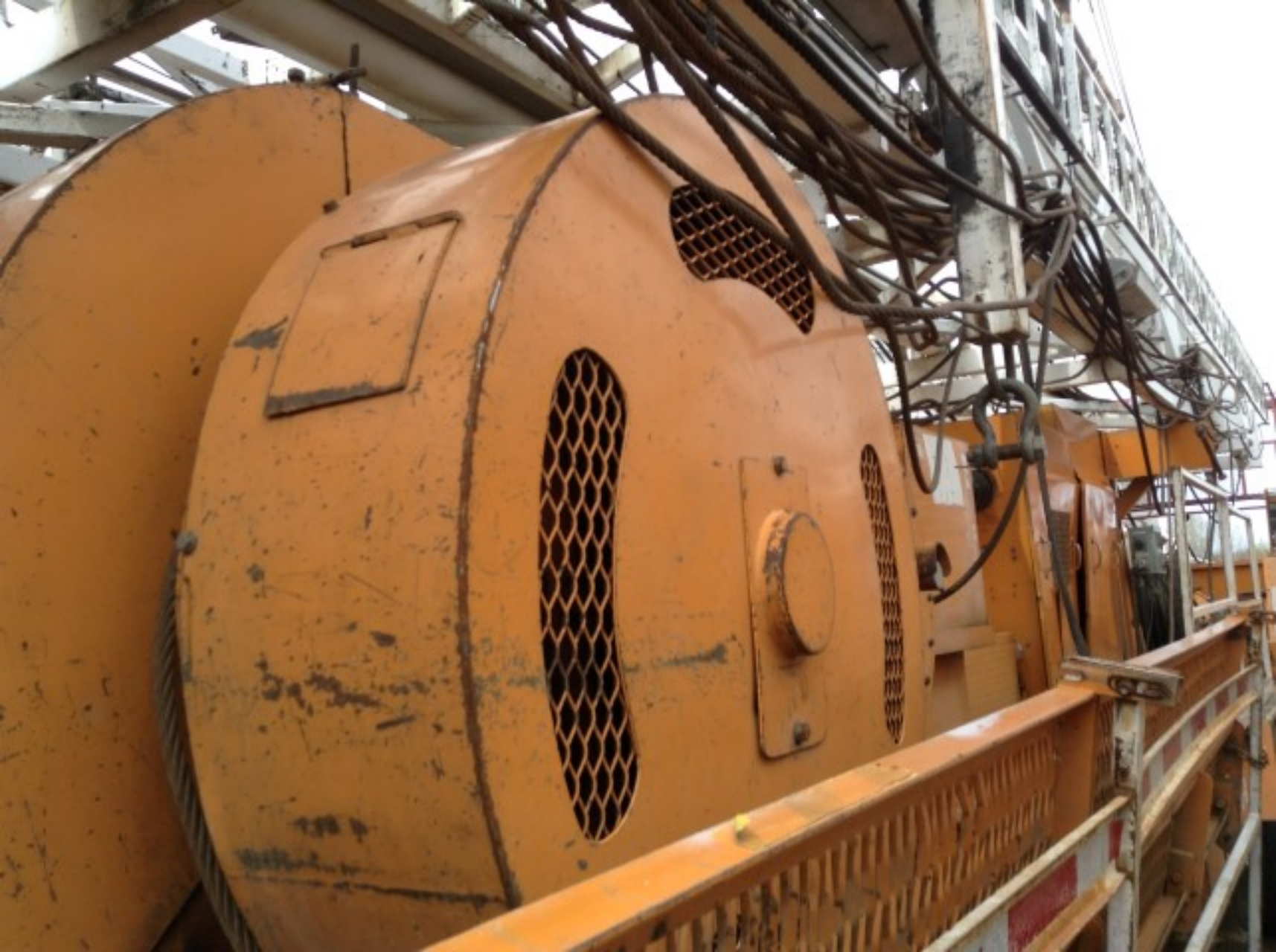
**DO NOT ENTER
RESTRICTED AREA
ROTATING DRUM**



DANGER
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RESTRICTED AREA
ROTATING DRUM



















LOW AIR

HIGH BEAM

ON

OFF

DIFF LOCK-UP

FT. WHEEL LIMITING

PULL TO OPEN

WILLIAM

START

ON OFF

OFF ON



WHEEL LIMITING





KNOLL RIG & EQUIPMENT
MANUFACTURING CO LTD
EDMONTON - ALBERTA

MOD.# K986 SER.# 221

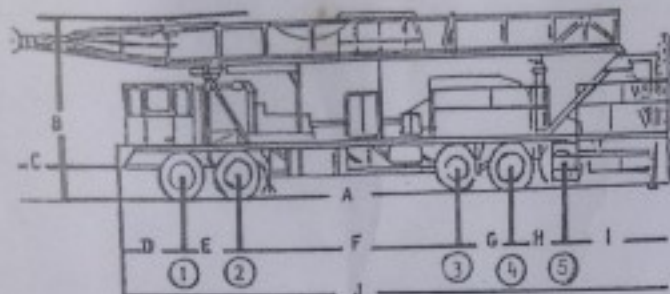




CONCORD WELL SERVICING COLD LAKE

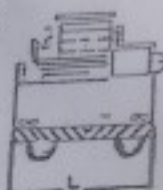
DERRICK-DRAWWORKS-CARRIER
RIG DIMENSIONS AND WEIGHTS(MVID#: 0498-28148)
www.torodata.com

RIG #: (155)



REAR VIEW

FRONT VIEW



SECTION 1 - RIG TIRE SIZE:

AXLE 1	18R 22.5 445/65 -
AXLE 2	18R 22.5 445/65
AXLE 3	1100 - 20
AXLE 4	1100 - 20
AXLE 5	1100 - 20

SECTION 2 - DISTANCE BETWEEN AXLE CENTRES:
WITH TAG

1 and 2 (E)	1.30 m
2 and 3 (F)	5.20 m
3 and 4 (G)	1.30 m
4 and 5 (H)	1.30 m

1 and 2 (E)	
2 and 3 (F)	
3 and 4 (G)	

SECTION 3 - AUXILIARY DIMENSIONS:

(A) OVERALL LENGTH OF RIG INCLUDING DERRICK	18.00 m
(B) HEIGHT OF RIG AT HIGHEST POINT	4.30 m
(C) DERRICK OVERHANG	3.00 m
(D) FRONT AXLE TO FRONT OF CARRIER	1.90 m
(I) REAR AXLE TO REAR OF CARRIER	2.90 m
(J) OVERALL LENGTH OF CARRIER	13.60 m
(K) REAR WIDTH OF CARRIER	2.60 m
(L) FRONT WIDTH OF CARRIER	2.60 m

SECTION 4 - AUXILIARY EQUIPMENT
ON WEIGH IN:

WITH DERRICK	Yes	☒	No	☐
WITHOUT DERRICK	Yes	☐	No	☒
TONGS	Yes	☒	No	☐
WORKING FLOOR	Yes	☒	No	☐
BLOCKS	Yes	☒	No	☐
DRILL LINE	Yes	☒	No	☐
SAND LINE	Yes	☒	No	☐

SECTION 5 - RIG WEIGHTS:

AXLE 1 and 2	14,100 kg
AXLE 3, 4 & 5	26,520 kg
GROSS VEHICLE WEIGHT:	40,620 kg
CERTIFICATE WEIGHT:	
TARE WEIGHT:	
DATE RIG WEIGHED:	November 3, 1998
LOCATION:	Imperial Oil Cold Lake

HYDROMATIC-FULL ☐ EMPTY ☐
CAPACITY N/AFUEL TANKS - FULL ☒ EMPTY ☐
CAPACITY 400 litresMAKE/MODEL: Kremco
SERIAL #: 221YEAR: 1985
LICENSE #: SKX 752

(866-953-8746)

30/05/2006

C:\Documents and Settings\Wanda\My Documents\Rig 155 Rig Dimensions and Weights

ALBERTA MOTOR VEHICLE
SALES TAX, DELIVERY
FEE \$222



Head Office

10848 - 214 Street
Edmonton, AB, Canada T5S 2A7
Tel 403/447-4565, Fax 403/447-3215

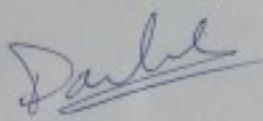
May 4, 1998

Company: Alberta Rig & Derrick Services

Address: 2311 - 8th Street

City, Prov.: Nisku, AB

Postal Code: T9E 7Z3



RE: **CERTIFICATION OF Mast**

Model: 96-16500

Serial No.: SM01-976

Mast Height: 96' / M

Maximum Static Hook Load: 165,000 lbs. / daN/ 6 lines

Maximum Wind Resistance: 54 M.P.H / K.P.H.

Owner: Grizzly Well Servicing - Rig # 24 25

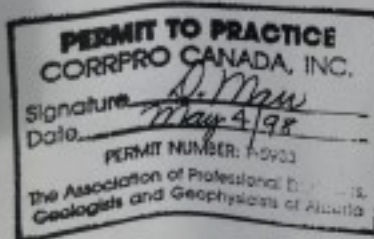
The Mast was laid down for routine inspection, repairs and certification.

Corrpro Canada, Inc. carried out magnetic particle inspection.

We examined the Mast in detail and recommended repairs which were carried out by Alberta Rig & Derrick Services.

Based on our inspection and a review of repair procedures, it is our opinion that the Mast is in safe operating condition and may be placed into service within the manufacturer's original ratings and specifications and/or industry standards.

This certification covers the above described Mast for a period of 24,000 operating hours, with annual inspections by a qualified person as per CAODC recommended practice T-93-3/RP-3.0, or until the Mast is damaged by either handling, transportation or operation.



Calgary

Pl. St. John

Lloydminster

Estevan

Regina

August 6, 2010

Concord Well Servicing
a division of CCS Corporation
#30, 53016 Hwy 60
Acheson Industrial Park
Spruce Grove, Alberta
T7X 5A7

COPY

RE: **CERTIFICATION OF MODIFICATION TO DEADLINE ANCHOR**

Mast Model:	Kremco 96-165,000
Serial Number:	SMOI-976
Mast Height:	96 ft / 29.3 m
Maximum Hook Load:	165,000 lbs. / 73,400 daN / 6 lines
Maximum Wind:	69 mph / 111 kph / 60 knots
Owner:	Concord Well Servicing - Rig #155
Our File:	10-08-7151

The cable clamps on the deadline anchor were worn and required replacement. The existing clamps were removed and a new mounting plate was installed on the outside of the deadline drum. New drill line clamps were bolted to the new mounting plate. The modifications were completed by Concord Well Servicing at their Cold Lake, Alberta facility. In NDT of Cold Lake, Alberta performed visual and magnetic particle inspections as per report number CL03-10-MT225. No defects were noted at time of inspection.

Based on our review of the inspection report and photographs of the completed repair, it is our opinion that the deadline anchor is a safe operating component and may remain in service within the above noted ratings and specifications.

This certification covers the above described deadline anchor for the period remaining on the current mast certification, with inspections by a qualified person as per CAODC Recommended Practice T-03-04/R.P. 3.0, or until the deadline anchor is damaged by either handling, transportation or operation.

**PERMIT TO PRACTICE
KODIAK ENGINEERING LTD.**

Signature

[Signature]

Date

August 6, 2010

PERMIT NUMBER: P 7518

The Association of Professional Engineers,
Geologists and Geophysicists of Alberta



Drilling and Service Rig Design • Inspection and Certification
Rig Component Design • Technical Reports

REIDCO

METAL INDUSTRIES LTD.

2340 ACLAND RD.
KELOWNA, B.C., CANADA (604) 765-2941

DATE OF MFG.

SERIAL NO.

FEB 82

RCC 22



Alberta

CV1903624

Expires Last Day of Month Shown

Year

2010

2011

2012

2013

2014

1 2 3 4 5 6 7 8 9 10 11 12











DANGER
DO NOT ENTER
RESTRICTED AREA
ROTATING DRUM

WARNING
CAUTION
DO NOT ENTER
RESTRICTED AREA



COMPRESSED
AIR