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6027AC-939

MICHELLE  
API REG 8C PSL 2

8C-0079

1113

275 TON

API LICENSE NO. SERIAL NO.

09/2012

5000

NC 50

DATE OF

WORKING

MANUFACTURE

PRESSURE

CONNECTION

THIS TOP DRIVE SYSTEM IS PROTECTED BY ONE OR MORE OF THE FOLLOWING  
US PATENTS AND FOREIGN COUNTERPARTS:

US 4,478,291  
US 4,951,759  
US 6,024,181

US 5,251,709  
US 5,755,296  
US 6,050,318

US 5,979,318



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WISCO MORAN  
RIG No. 8

www.petrorigs.com



# CANRIG

DRILLING TECHNOLOGY LTD.

TOP DRIVE SYSTEM  
[www.petrodrills.com](http://www.petrodrills.com)  
VARIABLE FREQUENCY AC DRIVE  
GE/CONVERTEAM MV3000E DELTA  
VENDOR I.D. 172404

## PRODUCT INFORMATION

PART NO: AY19190-1

SERIAL NO: 248754-001 (SF)

MANUFACTURE DATE: JUNE 2012

VOLTAGE: 575-690VAC

FREQUENCY: 50/60 Hz

POWER RATING: 900HP (672KW)

  
**CANRIG**

DRILLING TECHNOLOGY LTD.

CANRIG DRILLING TECHNOLOGY LTD.

MAGNOLIA, TEXAS

U.S.A.

(281) 259-8887

CONTROL & INTERFACE PANEL

WORK ORDER NO:

DATE INSTALLED:

STANDARDS:  CSA

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A photograph showing a white metal cabinet with several black louvered doors. The cabinet is situated on a grey diamond-plate floor. A grey baseboard runs along the bottom of the cabinet. The image is watermarked with the website address www.petrorigs.com.

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SYSTEM HOURS

**CANRIG**  
DRILLING TECHNOLOGY LTD.

DRIVE BREAKER WILL NOT CLOSE IF SWITCH IS IN BYPASS POSITION. SWITCH TO NORMAL POSITION BEFORE COMMENCING TOP DRIVE OPERATION.



POWER ON



E-STOP BY-PASS



DRIVE LOCKOUT



HPU 1



HPU 2



LUBE PUMP



LUBE COOLER



BLOWER



HAND OFF AUTO



HAND OFF AUTO



HAND OFF AUTO



HAND OFF AUTO



HAND OFF AUTO

CIP S/N:

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120/240 VOLT LIGHTING PANEL



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MAIN  
DISCONNECT &  
CONTROL SECTION

100A  
MAIN  
DISCONNECT

**EATON**

NO OVERCURRENT  
PROTECTION PROVIDED

**100A**

**PUSH OFF**

**PUSH ON**

**Region 01**

Line	Phase	Volts	Amps	Watts
1	L1	208.0	100.0	20800
2	L2	208.0	100.0	20800
3	L3	208.0	100.0	20800
4	N	0.0	0.0	0.0
5	G	0.0	0.0	0.0

Low Voltage AC Power Circuit Breaker  
100A, 208V, 1-Phase, 1-Pole, 1-Throw  
Maximum Voltage to Earth

100A  
DISCONNECT  
FOR CIP CABINET



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CONTROL POWER ON

OR CLOSE

OR OPEN

AC BLOW FUSE

DC BLOW FUSE



⚠️  
Peligro de descarga eléctrica  
No tocar los bornes de conexión  
ni los componentes internos  
del equipo.  
Evitar el contacto con  
los cables de alta tensión.  
Reservados todos los derechos.  
No se permite la explotación  
económica ni la reproducción,  
total o parcialmente, ni  
el alquiler, la cesión de uso,  
ni el préstamo, ni la  
comunicación pública de  
este documento.  
Queda permitida la impresión  
en su totalidad para  
uso personal.

R1

R2

⚠️  
Peligro de descarga eléctrica  
No tocar los bornes de conexión  
ni los componentes internos  
del equipo.  
Evitar el contacto con  
los cables de alta tensión.  
Reservados todos los derechos.  
No se permite la explotación  
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M3452

DC1

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M34

- OK RUN
- CONTROL POW
- ACTIVE BRAK

BONITRO

[www.bonitron.com](http://www.bonitron.com)

**DANGER**  
RISK OF ELECTRICAL SHOCK  
INPUT POWER BEFORE STARTING

SOLA

Power Supply  
20V 10-24-100P

**M3452**  
*Braking Transistor*

 DC BUS

 CONTROL POWER

 ACTIVE BRAKING

**BONITRON**

[www.bonitron.com](http://www.bonitron.com)

[www.petrorigs.com](http://www.petrorigs.com)

 **DANGER**  
RISK OF ELECTRICAL SHOCK. DISCONNECT  
INPUT POWER BEFORE SERVICING EQUIPMENT.



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**EATON**

MSW

**NO OVERCURRENT  
PROTECTION PROVIDED**

OPEN

CHARGED

PUSH OFF

PUSH ON

[www.petrorigs.com](http://www.petrorigs.com)

**Magnum DS**

MDS616  
Low Voltage AC Power Circuit Breaker  
1600 Amp Frame 3 Pole 50/60 Hz

Interruption Ratings in Amperes

Max Volts	Inst Trip	Short Delay
625	85,000 A	85,000 A
508	85,000 A	85,000 A
254	85,000 A	85,000 A

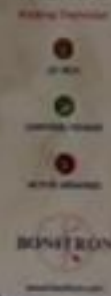
Accessories

Motor Operator 24 VDC

Aux Switches 2A/2S

G.O.P. RC8716 0 1 Seq. 008  
Cust P.O. 146283  
Code 0000  
06/10/12 13:05:27  
CAT # MDS616HEXA MANN LOC2E MINIX  
Enclosure Requirements Draw. 2013080  
Installation and Operating Instructions 1.3 2012080  
Made in USA

M3452



MMI  
CONTROLLER



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UV INDICATOR  
PUSH TO TEST BULB

DO NOT ATTEMPT  
TO CLOSE THE BREAKER  
WHEN LIGHT IS OFF

MAIN  
CIRCUIT BREAKER

CONTROL  
CIRCUIT BREAKER

Detailed description: This panel contains two circuit breakers. The left one is labeled 'MAIN CIRCUIT BREAKER' and the right one is labeled 'CONTROL CIRCUIT BREAKER'. Both have a handle and a status indicator window. Above the main breaker is a 'UV INDICATOR' with a push-to-test bulb. Below the indicator is a warning: 'DO NOT ATTEMPT TO CLOSE THE BREAKER WHEN LIGHT IS OFF'.

CANRIG

STATION/CELL

WATER

WATER

WATER

WATER

WATER

WATER

WATER

WATER

WATER

Detailed description: This panel is labeled 'CANRIG'. It features a circular gauge at the top left. Below the gauge are two rows of controls. The first row has five green rotary switches, each labeled 'WATER'. The second row has five white rotary switches, also labeled 'WATER'. There are also some smaller knobs and indicators.

DO NOT ATTEMPT  
TO CLOSE THE BREAKER  
WHEN LIGHT IS OFF

Detailed description: A warning label with the text 'DO NOT ATTEMPT TO CLOSE THE BREAKER WHEN LIGHT IS OFF' and a small orange indicator light.

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