

PLOT BY: KFORSTER, 4/6/2016 5:16 PM

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NOTES:

- THREE SACRIFICIAL ANODE CONNECTIONS. ANODES TO BE PROPERLY SIZED AND SPACED EVENLY ALONG VESSEL.
- WATER LEG PIPING TO BE INTERNALLY COATED.
- RESTRICTING ORIFICE PLATE INSTALLED TO PROTECT DOWNSTREAM EQUIPMENT FROM BEING OVERPRESSURED FROM AN INSTANTANEOUS SURGE. RESTRICTING ORIFICE PLATE SIZE: 0.350" DIAMETER.
- TAGA TO IMPLEMENT PROCEDURE ON HOW TO SAFELY SAMPLE SOUR LIQUIDS.
- LOW EXHAUST FAN ON/OFF SWITCH TO BE LOCATED OUTSIDE NEAR TREATER ENTRANCE.
- BURNER MANAGEMENT SYSTEM IS ACL-CSC200.
- SAMPLE POINTS MOUNTED ON HEAD, SHOWN ON SHELL FOR CLARITY.
- VALVE TO BE LOCKED AND TAGGED OPEN.
- GAS DETECTION AND ESD PUSH BUTTON NOT SUPPLIED BY VENDOR.

H-315
FLAME ARRESTED BURNER
MODEL#: FAH024FAZ

V-130
TREATER
VENDOR: ASPIRE ENERGY RESOURCES LTD.
SIZE: 6'-0" OD x 20'-0" S/S
MAWP: 245 PSIG AT 230°F
INTERNALLY COATED, SOUR SERVICE
1/8" C/A, INSULATED OUTSIDE OF BUILDING
CRN# 41684.2

BMS-1300
ACL-CSC200
12/24 VDC SUPPLY

BH-330
BUILDING HEATER
MFG.: RUFFNECK
10 KW, 480 VAC, 3 PH, 60 Hz
c/w THERMOSTAT

EF-620/630
EXHAUST FANS
1/4 HP, 120 VAC, 1 PH
EXPLOSION PROOF

D-525
RECYCLE PUMP DRIVER
VENDOR: MARATHON
MOTOR: 7.5 HP, 1800 RPM
DUTY: 460 VAC/60 Hz/(3) PH
TEFC

P-225
RECYCLE PUMP
VENDOR: MOYNO 2000
MAKE: GI FLANGED
MODEL: 4E00B
TYPE: PROGRESSIVE CAVITY
NPSHR: 1.5 ft AT 225 RPM
FLOW: 98 m³/d AT 225 RPM
DIFFERENTIAL PRESSURE: 930 kPag AT 225 RPM (MAX)

RELIEF HEADER TO
POP TANK T-400 0731036234.2107/01

SALES GAS TO
PIPELINE RISER
0731036234.2105/01

NOTES: (CONTINUATION)

- OPERATIONS TO CONNECT RUBBER HOSE TO DIB VALVE DRAIN AND VENT TO A SAFE AREA WHEN IN USE.
- TAGA SPECIFICATION DEVIATION REQUIRED TO INSTALL THREADED PIPING.

REV	DESCRIPTION	BY	MM/DD/YYYY	CHKD	APPD	JOB No.
0	ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	KF	01/21/2016	KR	LL	2777
1	RE-ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	BW	02/18/2016	KR	LL	2777
2	RE-ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	EU	03/24/2016	KR	LL	2777
3	RE-ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	LJ	04/04/2016	KR	LL	2777

PERMIT TO PRACTICE
TNT ENGINEERING LTD.

Signature

Date

PERMIT NUMBER: P 11113

The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

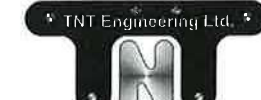
STAMP



TAQA NORTH

ENGINEERING RECORD	
DRAWN: K. FORSTER	DATE: 08/14/2015
CHECKED: K. ROBERTS	DATE: 08/14/2015
ENGINEER: L. LEWONIUK	DATE: 08/14/2015
PROJECT: N. GUNDERMAN	DATE: 08/14/2015

SCALE NTS DWG 0731036234.2106/01 REV. 3



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WIMBORNE

7-31-36-23 W4M
TREATER AND RECYCLE PUMP AREA
PIPING AND INSTRUMENTATION DIAGRAM