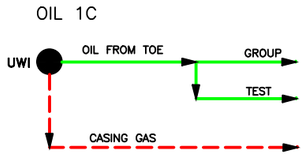
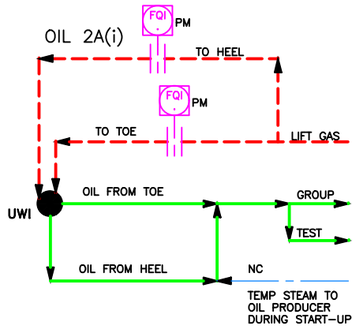
AB BT 0089133 –344
HUSKY 12–28–064–04W4
HUSKY TUCKER LAKE 12–28 BITUMEN MWB
344–IN SITU OIL SANDS BATTERY
LICENSEE: HUSKY OIL OPERATIONS LTD
OPERATOR: HUSKY OIL OPERATIONS LTD



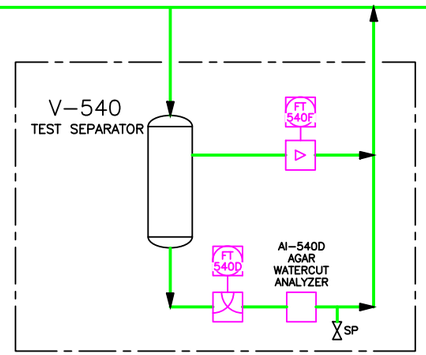


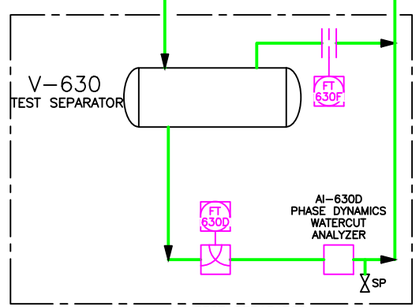
LIFT GAS FROM
MS–0001–03
12–28–064–04W4

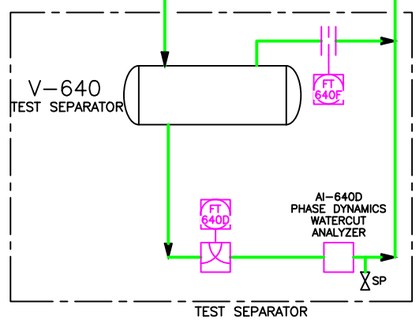
WELL PAD GRAND RAPIDS							
WELL NAME	UWI	LSD	LIC/OPER	DETAIL	STATUS	FUEL	LIFT
GA05P	105/15–32–064–04W4/00	07–32–064–04W4	HUSKY	OIL 2A(i)	SAGD	E	ESP
GA06P	106/15–32–064–04W4/00	07–32–064–04W4	HUSKY	OIL 2A(i)	SAGD	E	ESP
GA01P	119/16–32–064–04W4/00	07–32–064–04W4	HUSKY	OIL 2A(i)	SAGD	E	ESP
GA02P	120/16–32–064–04W4/00	07–32–064–04W4	HUSKY	OIL 2A(i)	SAGD	E	ESP
GA03P	121/16–32–064–04W4/00	07–32–064–04W4	HUSKY	OIL 2A(i)	SAGD	E	ESP
GA04P	122/16–32–064–04W4/00	07–32–064–04W4	HUSKY	OIL 2A(i)	SAGD	E	ESP

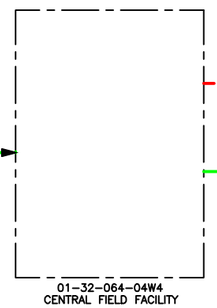
WELL PAD COLONY							
WELL NAME	UWI	LSD	LIC/OPER	DETAIL	STATUS	FUEL	LIFT
CN2	105/13–16–064–04W4/00	05–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP
CN4	111/16–17–064–04W4/00	05–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP
CN6	105/16–17–064–04W4/00	05–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP
CN8	106/16–17–064–04W4/00	05–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP
CN10	107/16–17–064–04W4/00	05–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP
CN12	112/16–17–064–04W4/00	12–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP

WELL PAD COLONY							
WELL NAME	UWI	LSD	LIC/OPER	DETAIL	STATUS	FUEL	LIFT
CN1	103/13–16–064–04W4/00	11–21–064–04W4	HUSKY	OIL 1C	SUSPENDED	–	–
CN3	107/13–16–064–04W4/00	12–21–064–04W4	HUSKY	OIL 1C	SUSPENDED	–	–
CN5	104/16–17–064–04W4/00	12–21–064–04W4	HUSKY	OIL 1C	SUSPENDED	–	–
CN7	108/16–17–064–04W4/00	12–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP
CN9	109/16–17–064–04W4/00	12–21–064–04W4	HUSKY	OIL 1C	SAGD	E	ESP
CN11	110/16–17–064–04W4/00	12–21–064–04W4	HUSKY	OIL 1C	SUSPENDED	–	–
CN13	104/01–20–064–04W4/00	12–21–064–04W4	HUSKY	OIL 1C	SUSPENDED	–	–









PRODUCED GAS TO
MS–0001–03
12–28–064–04W4

EMULSION TO
MS–0001–03
12–28–064–04W4

GASES
FLARE GAS
OIL/EMULSION
STEAM
CONDENSATE
WATER

SP SAMPLE POINT
PT PROVER TAPS
FLOW NOZZLE
S STRAINER
P PROBE STYLE OPTICAL
DCS
RTU PLC
NOA NET OIL ANALYZER
ROTAMETER
GOR TEMPORARY METER
CORIOLIS METER
ORIFICE METER
TURBINE METER
M MAGNETIC FLOW METER
VORTEX METER
MASS METER
THERMAL MASS METER
ULTRASONIC METER
POSITIVE DISPLACEMENT METER
V–CONE(WAFER CONE)METER
FR FLOW RECORDER
EST ESTIMATE
FQI FLOW TOTALIZER
PM PROCESS METER
E ELECTRIC
ESP ELECTRICAL SUBMERGED PUMP

NOTES

ENGINEERING COMPANY PERMIT STAMP

REGISTERED PROFESSIONAL ENGINEER STAMP

6	MS–0010–01	LACT UNIT
5	MS–0004–01	WATER DISPOSAL SYSTEM
4	MS–0007–01 TO 03	STEAM INJECTION SYSTEM
3	MS–0002–01 TO 05 & 07	WELLS/FIELD
2	MS–0001–03 & 04	FACILITY DRAWING
1	MS–0000–01	AREA OVERVIEW
REF	DRAWING NUMBER	DRAWING TITLE

REFERENCE DRAWINGS

REV	DATE	DESCRIPTION	BY	CHK	ENG	APR
5	2018/08/07	UPDATED FROM MARK UPS FROM ANMOL BANSAL	SK	AB	AB	AB
4	2018/03/20	UPDATED FROM MARK UPS FROM ELSIE GUERRA	SK	EG	EG	EG
3	2017/01/19	UPDATED FROM MARK UPS FROM ALLYSON HADLAND	SK	AH	AH	AH
2	2016/08/12	UPDATED PER MARK UPS FROM ALLYSON HADLAND	PC		AH	AH
1	2016/02/24	CREATED FROM MARK UPS FROM ALLYSON HADLAND	SK	AH	AH	AH

REVISION HISTORY

Husky Oil Operations Limited

TUCKER CENTRAL PLANT 12–28–064–04W4

TITLE
WELL PAD GRAND RAPIDS & COLONY PADS
WELLS/FIELD
MEASUREMENT SCHEMATIC

SURFACE LOCATION	12–28–064–04W4
ALTERNATE DWG NUMBER	REV NO
HUSKY DWG NUMBER	12–28–064–04W4–MS–0002–06 5
VENDOR DWG NUMBER	SCALE
AMU/FLOC NUMBER	NTS
DCN NO	PROJECT NO MS–OS–TT