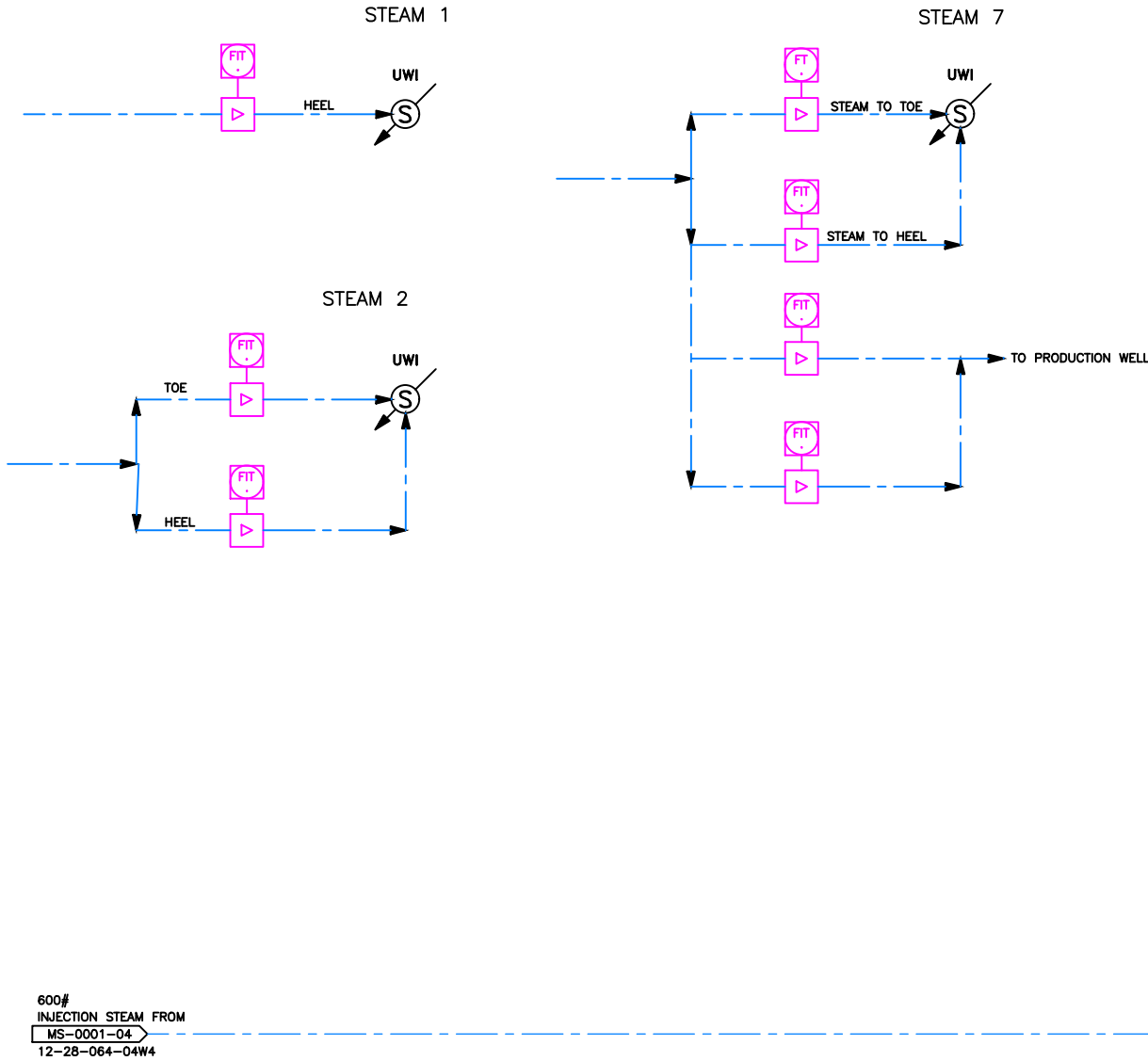


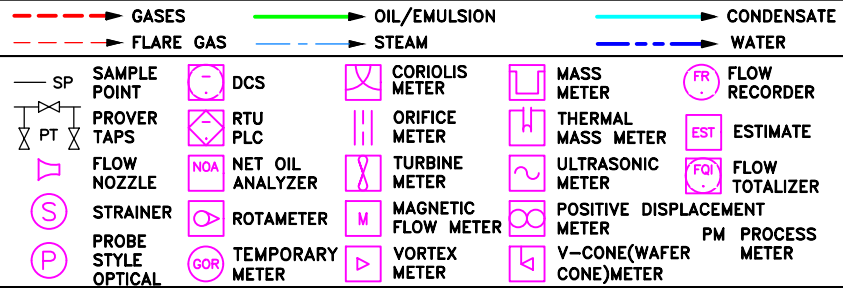
AB IF 0089451-506
HUSKY 12-28-064-04W4
HUSKY TUCKER 12-28 INJECTION
506-IN-SITU OIL SANDS INJECTION
OPERATOR: HUSKY OIL OPERATIONS LTD

- NOTES:
- 1: A1S-A8S, B10S, B11S HAVE STEAM INJECTION TO THE HEEL ONLY.
- 2: TWO METER INSTALLATION, ACCESS TO ROUTE STEAM TO PRODUCTION WELLS NOT AVAILABLE.
- 3: FOUR METER INSTALLATION EXISTS AND FLOW METER USE IS DEPENDANT UPON THE WELL CONTROL MODE.



WELL PAD A							
WELL NAME	UWI	LSD	LIC/OPER	DETAIL	STATUS	TOE TAG	HEEL TAG
A1S	105/05-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-101D
A2S	110/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-102D
A3S	108/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-103D
A4S	109/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-104D
A5S	107/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 2	SAGD	-	FIC-105F
A6S	103/13-32-064-04W4/00	16-32-064-04W4	HUSKY	STEAM 2	SAGD	-	FIC-106F
A7S	107/13-32-064-04W4/00	16-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-107D
A8S	108/13-32-064-04W4/00	16-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-108D
A9S	110/13-32-064-04W4/00	16-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-109H	FIC-109J
A10S	116/13-32-064-04W4/00	16-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-110H	FIC-110J
A11S	114/13-32-064-04W4/00	16-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-111H	FIC-111J
A12S	109/14-32-064-04W4/00	16-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-112H	FIC-112J
A13S	118/13-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-113H	FIC-113J
A14S	120/13-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-114H	FIC-114J
A15S	126/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-115H	FIC-115J
A16S	123/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-116H	FIC-116J
A17S	115/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-117H	FIC-117J
A18S	111/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-118H	FIC-118J
A19S	117/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-119H	FIC-119J
A20S	112/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-120H	FIC-120J
A21S	118/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-121H	FIC-121J
A22S	121/12-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-122H	FIC-122J
A23S	115/05-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-123H	FIC-123J
A24S	112/05-32-064-04W4/00	09-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-124H	FIC-124J

WELL PAD B							
WELL NAME	UWI	LSD	LIC/OPER	DETAIL	STATUS	TOE TAG	HEEL TAG
B2S	102/04-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-202C	FIC-202D
B1S	105/04-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-201C	FIC-201D
B3S	107/04-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-203C	FIC-203D
B4S	108/04-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-204C	FIC-204D
B5S	108/05-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-205C	FIC-205D
B6S	109/05-32-064-04W4/00	08-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-206C	FIC-206D
B7S	110/05-32-064-04W4/00	08-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-207C	FIC-207D
B8S	111/05-32-064-04W4/00	08-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-208C	FIC-208D
B9S	104/16-32-064-04W4/08	08-32-064-04W4	HUSKY	STEAM 2	SAGD	FIC-209C	FIC-209D
B10S	106/16-32-064-04W4/09	08-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-210D
B11S	107/16-32-064-04W4/09	08-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-211D
B12S	109/16-32-064-04W4/09	08-32-064-04W4	HUSKY	STEAM 1	SAGD	-	FIC-212D
B9ES	112/16-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-213C	FIC-213E
B10ES	114/16-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-214C	FIC-214E
B11ES	116/16-32-064-04W4/00	01-32-064-04W4	HUSKY	STEAM 7	SAGD	FIC-215C	FIC-215E



REF DWG NO	REFERENCE DRAWING DESCRIPTION	NO	REV	AUTHOR	REV DATE	ISSUED FOR	NO	CURRENT REVISION	ISSUED FOR	AS BUILT
MS-0000-01	AREA OVERVIEW	8	NO UPDATES FOR THIS REVISION FROM ALLYSON HADLAND	BRM	2015/10/29	AS BUILT	11	UPDATED FROM MARK UPS FROM ELSIE GUERRA	DOC DATE	2018/03/20
MS-0001-03 TO 04	FACILITY DRAWING	9	UPDATED FROM MARK UPS FROM ALLYSON HADLAND	SK	2016/02/24	AS BUILT			DOC AUTHOR	SK
MS-0002-01 TO 07	WELLS/FIELD	10	NO UPDATES FOR THIS REVISION FROM ALLYSON HADLAND	PC	2016/08/12	AS BUILT			SCALE	NTS
MS-0004-01	WATER DISPOSAL SYSTEM	4	UPDATED PER MARK UPS SUPPLIED BY TAN QIU	WDA	2012/02/01	AS BUILT			ALTERNATE IDENTIFIER	
MS-0007-02 & 03	STEAM INJECTION SYSTEM	5	UPDATED PER MARK-UPS FROM ALLYSON HADLAND	DMW	2013/06/07	AS BUILT			SURFACE LSD	12-28-064-04W4
MS-0010-01	LACT UNIT	6	UPDATED PER MARK UPS FROM ALLYSON HADLAND	SK	2014/08/20	AS BUILT			DOCUMENT IDENTIFIER	MS-0007-01
		7	UPDATED FROM MARK UPS SUPPLIED BY ALLYSON HADLAND	BRM	2015/02/24	AS BUILT				

TUCKER CENTRAL PLANT 12-28-064-04W4
WELL PADS A AND B
STEAM INJECTION SYSTEM
MEASUREMENT SCHEMATIC