



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

900#  
INJECTION STEAM FROM  
MS-0001-01  
12-28-06+-04W4

| AB IF 0089451 |                       | WELL PAD GRAND RAPIDS |          |        |           |      |         |         |
|---------------|-----------------------|-----------------------|----------|--------|-----------|------|---------|---------|
| WELL NAME     | UWI                   | LSD                   | LIC/OPER | DETAIL | STATUS    | FUEL | TOE     | HEEL    |
| GA05S         | 107/15-32-064-04W4/00 | 07-32-064-04W4        | HUSKY    | STEM 7 | PRODUCING | -    | FC-505H | FC-505J |
| GA06S         | 108/15-32-064-04W4/00 | 07-32-064-04W4        | HUSKY    | STEM 7 | PRODUCING | -    | FC-506H | FC-506J |
| GA01S         | 118/16-32-064-04W4/00 | 07-32-064-04W4        | HUSKY    | STEM 7 | PRODUCING | -    | FC-501H | FC-501J |
| GA02S         | 123/16-32-064-04W4/00 | 07-32-064-04W4        | HUSKY    | STEM 7 | PRODUCING | -    | FC-502H | FC-502J |
| GA03S         | 124/16-32-064-04W4/00 | 07-32-064-04W4        | HUSKY    | STEM 7 | PRODUCING | -    | FC-503H | FC-503J |
| GA04S         | 125/16-32-064-04W4/00 | 07-32-064-04W4        | HUSKY    | STEM 7 | PRODUCING | -    | FC-504H | FC-504J |

| ENGINEERING COMPANY PERMIT STAMP |                | REGISTERED PROFESSIONAL ENGINEER STAMP            |      |
|----------------------------------|----------------|---|------|
| 6                                |                |   |      |
| 5                                |                |   |      |
| 4                                |                |   |      |
| 3                                |                |   |      |
| 2                                | MS-0007-02     | STEAM INJECTION SYSTEM                            |      |
| 1                                | MS-0007-01     | STEAM INJECTION SYSTEM                            |      |
| REF                              | DRAWING NUMBER | DRAWING TITLE                                     |      |
| REFERENCE DRAWINGS               |                |   |      |
|                                  |                |   |      |
|                                  |                |   |      |
| 4                                | 2016/08/12     | NO UPDATES FOR THIS REVISION FROM ALLYSON HOLLAND | PC   |
| 3                                | 2016/02/24     | UPDATED FROM MARK UPS FROM ALLYSON HOLLAND        | SK   |
| 2                                | 2016/10/28     | NO UPDATES FOR THIS REVISION FROM ALLYSON HOLLAND | BRM  |
| 1                                | 2015/02/24     | UPDATED FROM MARK UPS SUPPLIED BY ALLYSON HOLLAND | BRM  |
| REV                              | DATE           | DESCRIPTION                                       | BY   |
|                                  |                |   | CHK  |
|                                  |                |   | ENG  |
|                                  |                |   | APPR |

 **Husky Oil Operations Limited**

TUCKER CENTRAL PLANT 12-28-064-04W4  
GRAND RAPIDS PAD

| TITLE   |  |                |          |
|---|--|----------------|----------|
| STEAM INJECTION SYSTEM<br>MEASUREMENT SCHEMATIC |  |                |          |
| SURFACE LOCATION                                |  | 12-28-064-04W4 |          |
| ALTERNATE DWG NUMBER                            |  | REV NO         |          |
| HUSKY DWG NUMBER                                |  | 4              |          |
| VENDOR DWG NUMBER                               |  | SCALE          |          |
| AMU/FLOC NUMBER                                 |  | NTS            |          |
| DCN NO  |  | PROJECT NO     | MS-OS-TT |