R.19 (For continuation see Dwg No.: s_14.dg) R.18 R.17 R.16 W4M

T.18 T.17 T.16 T.15

FOR DETAILED INFORMATION SEE QUEENSTOWN/MAJORVILLE GAS GATHERING SYSTEM DWG. NO.: s_14.dg

FOR DETAILED INFORMATION SEE QUEENSTOWN/MAJORVILLE GAS GATHERING SYSTEM DWG. NO.: s_4.dg

Majorville C.S.

Majorville 08-36 GP
Majorville, Armada, Anglo & Majorville
HUSKY
1734 – HUSKY

Armada 07-20 C.S.

Armada 01-18 G.P.
Eyremore, Armada, Anglo & Majorville
HUSKY
1734 – HUSKY

Eyremore 09-09 I.P.

Armada 16-20 C.S.

Armada 03-05 G.P.

Hector, Badger & Enchant
3669 – HUSKY

Badger
1620 – ENCANA

1782 – ENCANA

Bow City

GRASSY ISLAND

BADGER LAKE

LONESOME LAKE

Lomond

Travers

Proposed Well Site (8-1)

539 531 845 529

Permit	Line Number	Line Specifications
16927 NAT GAS	4	114.3 O.D. X 2.77 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
	6	60.3 O.D. X 3.91 W.T. A106 GR B M.O.P. 0 kPa
	8	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
	11	168.3 O.D. X 3.18 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
	14 17 20 23	88.9 O.D. X 2.11 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
	15 18	88.9 O.D. X 5.49 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
	27	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.2 M.O.P. 7590 kPa
	28 31 33	60.3 O.D. X 3.91 W.T. A106 GR B M.O.P. 7590 kPa
	29 34	114.3 O.D. X 2.77 W.T. CSA Z245.3 GR 290.2 M.O.P. 7590 kPa
	30	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.2 M.O.P. 4960 kPa
	35 36 37	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
	38	168.3 O.D. X 15.30 W.T. HDPE 3408 GR 11 M.O.P. 1100 kPa
	40 41 42 43 45 46 47 48 49 50	88.9 O.D. X 8.10 W.T. HDPE 3408 GR 11 M.O.P. 1100 kPa
	39 44	114.3 O.D. X 10.4 W.T. HDPE 3408 GR 11 M.O.P. 1100 kPa
20782 NAT GAS	1	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.2 M.O.P. 7580 kPa
	2	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.2 M.O.P. 4960 kPa
	3	114.3 O.D. X 2.77 W.T. CSA Z245.3 GR 290.2 M.O.P. 7580 kPa
	4	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
21194 NAT GAS	1	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.1 M.O.P. 7580 kPa
21114 NAT GAS	1	88.9 O.D. X 2.77 W.T. CSA Z245.3 GR 290.1 M.O.P. 7590 kPa
21950 NAT GAS	1	88.9 O.D. X 3.18 W.T. CSA Z245.1 GR 290.1 M.O.P. 7590 kPa
22990 NAT GAS	1	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7590 kPa
16928 NAT GAS	1	168.3 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 7590 kPa
39233 NAT GAS	1	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 7940 kPa
43881 NAT GAS	1	219.1 O.D. X 19.9 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa
	2	168.3 O.D. X 15.3 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa
	3 6 11	114.3 O.D. X 10.4 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa
	4 5 7 8 9 10 12 13 14 15 16 17 18 19	88.9 O.D. X 8.10 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa

Permit	Line Number	Line Specifications
27257 NAT GAS	1 2	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7580 kPa
28851 NAT GAS	1	114.3 O.D. X 4.00 W.T. CSA Z245.1 GR 359.2 M.O.P. 7590 kPa
	2	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7590 kPa
	4	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7590 kPa
	6	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 7590 kPa
	7	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 7590 kPa
	8	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 359.1 M.O.P. 7590 kPa
22919 NAT GAS	1	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7580 kPa

Permit	Line Number	Line Specifications
26375 NAT GAS	1 10 12 17 18 26 67 74 89 19 42	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 5000 kPa
	2 6 7 8 9 20 21 31 34 35	168.3 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7500 kPa
	16	168.3 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 5000 kPa
	22 25 29 50 51 54 59 62 83 86 97 98 08	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 9930 kPa
	23 27 28 56	168.3 O.D. X 4.80 W.T. CSA Z245.1 GR 290.1 M.O.P. 9930 kPa
	3 36 44	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7500 kPa
	24 32 33 38 47 68 69 70 77 72 73 90 11	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 7500 kPa
	49 52 53 60 61 63 81 84 86 92 10 07 10 13	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 9930 kPa
	55	219.1 O.D. X 4.00 W.T. CSA Z245.1 GR 290.1 M.O.P. 5000 kPa
	65 88	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 12060 kPa
	87	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 10300 kPa
	91 09	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 290.1 M.O.P. 5000 kPa
	09	219.1 O.D. X 4.80 W.T. CSA Z245.1 GR 359.2 M.O.P. 5000 kPa
	09	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 5000 kPa
	02 03 04	168.3 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 5000 kPa
	09 17 18	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 5000 kPa
	19	88.9 O.D. X 3.20 W.T. CSA Z245.1 GR 359.2 M.O.P. 9930 kPa
	19 20 21 22 23 24 25 26 31	88.9 O.D. X 3.20 W.T. Z245.1 Gr 359.1 M.O.P. 9930 kPa
	2 28 30 32 33 34 36 38 39 40 14	88.9 O.D. X 8.1 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa
	29 35	114.3 O.D. X 10.40 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa
	37	114.3 O.D. X 3.20 W.T. CSA Z245.1 GR 359.1 M.O.P. 5000 kPa
	39	168.3 O.D. X 15.3 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa
45300 NAT GAS	1	33.4 O.D. X 3.02 W.T. HDPE 3408 SDR 11 M.O.P. 1100 kPa
45301 OIL	1	88.9 O.D. X 4.00 W.T. CSA Z245.1 GR 359.2 M.O.P. 7590 kPa

PROPOSED OPERATING DISCONTINUED ABANDONED CANCELLED STATUS PENDING

Pipeline Legend

Pipeline Data Source: GDM

Products	Husky	Foreign
Natural/Fuel/Misc. Gas		
Oil Effluent		
Water		
HVP/LVP/Misc. Liquids		
Abandoned/Discontinued		

Natural Gas Transportation System

Pipeline Status
- Permitted/Proposed
- Licensed/Operating
- Suspended/Discontinued
- Aband./Partially Removed

Gas Processing Plant
Gas Services/Operator

Well Legend

Well Data Source: IHS ENERGY

- Location
- Abandoned
- Oil
- Abandoned Oil
- Gas
- Suspended Gas
- Suspended
- Suspended Oil
- Observation
- Oil / Gas
- Injection
- Injection Prev. Gas
- Injection Prev. Oil
- Abandoned Gas
- Water Source
- Stratigraphic Test

HUSKY WELLS (Licensed and/or Operated)

Transportation Legend

- Primary Paved Roads
- Secondary Paved Roads
- Secondary Gravel Roads
- Other Gravel Roads
- Unimproved Roads
- Cart Tracks/Winter Roads
- Railways
- Streets

NOTES:

1. This map produced by Spatial Data Services (S.D.S.); 15th Floor, North Husky Tower. For additional copies, please contact the S.D.S. Order Desk at (403) 750-4949.
2. Pipeline Data Source, GDM, (Geomatics Data Management) is current as of September 11/2005.
3. Some Husky pipelines have been updated with information from field inspections and may not match GDM or Accu-Map records. In this case the line tags have been colored to indicate a discrepancy and are shown as 'Status Pending'. Other discrepancies on Husky operated pipelines should be reported to the Regulatory Group, Calgary Office. Fax number (403) 750-1889

WELLS UPDATED 051020 PIPELINES UPDATED 051020

NO.	REVISION	BY	DATE	CHK
12	Add SC Tie-in 10-21-16-18W4 Req. 7229	RGW	051013	
11	Add 14 NG Tie-ins EWR # 7952	RGW	050904	
10	Update Map With Info From Kieth Aikens(Field-Inspector)	DMM	050720	
9	Check All Pipeline Specs To The EUB	DMM	050718	
14	Add 8 NG Tie-ins EWR # 7952	RGW	051108	
13	Updated Wells and Pipelines	TB	051020	

FOR INFORMATION ONLY
JAN 17 2006
HUSKY ENERGY INC.

Husky Oil Operations Limited

SOUTHERN ALBERTA

PIPELINE SYSTEMS MAP

ARMADA GAS GATHERING SYSTEM

DRWN BY: haasm	SCALE: 1:50000	REV.
DATE: 12/04/03	disk4/mapping/oper	14
DRAWING NO.: s_12.dg		