

**HUSKY OIL OPERATIONS LIMITED
PHASE 1 ENVIRONMENTAL SITE ASSESSMENT
PIPELINE: EYEHILL PIPELINE
16-24-040-01 W4M TO 13-20-040-28 W3M
RURAL MUNICIPALITY OF SENLAC NO. 411,
SASKATCHEWAN
DECEMBER 12, 2016**

Prepared for:
Husky Oil Operations Limited
707 – 8th Avenue SW
Calgary, Alberta
T2P 3G7

Prepared by:
Ridgeline Environment
a Division of Ridgeline Canada Inc.
#101, 3016-19th Street NE
Calgary, Alberta
T3E 6Y9

Phase 1 Environmental Site Assessment File Review Summary Page

Location: Pipeline #280606-1 located within 13-20-040-28 W3M.

Drilling Date: Not Applicable

Abandonment Date: Not Applicable

License Number: Not Applicable

Drilling Waste Disposal Method: Not Applicable

Drilling Waste Disposal Location: Not Applicable

Compliance Option One or Two Results: Not Applicable

Total Production (producing wells): Not Applicable

Summary of Incident Reports: Not Applicable

Conclusions and Recommendations: Based on the Phase I ESA, impacts to soil as a result of historical operations are not likely present and further investigation is not required.

This report is prepared for Eyehill Pipeline as per **ORDER ZO-H109-004-2016** and throughout the report this pipeline is being identified as:
#280606-1 Province of Saskatchewan side

December 12, 2016

HUSKY OIL OPERATIONS LIMITED

707 – 8th Avenue SW
Calgary, Alberta
T2P 3G7

Attention: Jayme Scott, P.Ag.
Remediation Coordinator, Remediation Planning Asset Retirement

Re: PHASE I ENVIRONMENTAL SITE ASSESSMENT
Pipeline # 280606-1

Please find the attached Phase I Environmental Site Assessment (ESA) conducted for the pipeline #280606-1 located within 13-20-040-28 W3M. The Phase I ESA was conducted in compliance with the Government of Saskatchewan Ministry of the Economy (ECON) *Acknowledgement of Reclamation (AOR) Requirements* (ECON, 2015a).

- The current surrounding land is classified as Cultivated as described by Saskatchewan Government reclamation criteria (ECON, 2015a);
- A review of the *Salinity Map of the Agricultural Region of Saskatchewan (north half)* indicated the wellsite and surrounding area are located within an area that is generally considered to have a high risk of becoming more saline. The dominant salt type in the area is sodium sulphate (SIP, 1984);
- The pipeline is located in both Alberta and Saskatchewan, the end points are downstream of the Natural Gas Co-op 52 Ltd. custody metre at a point in 16-24-040-01 W4M to the former Koch Exploration Canada Ltd. (Koch) oil battery at 13-20-040-28 W3M, near the Husky 192/13-20 downhole location;
- The pipeline was approved on April 22, 1998 and transported fuel gas for approximately 200 metres (m) via a polyethylene pipe prior to being abandoned (Abacus, 2016);
- The pipeline was approved on April 22, 1998 and transported fuel gas for approximately 200 metres (m) via a polyethylene pipe prior to being abandoned (Abacus, 2016);
- No aboveground infrastructure is associated with this Site;
- A review of aerial photographs did not identify any areas of environmental concern;
- A site visit was conducted by Ridgeline on November 30, 2016. The snow cover at the time of the assessment limited observations. The pipeline right of way was not distinguishable from the surrounding areas and no environmental concerns were identified;
- The landowner/occupant was interviewed by Ridgeline on December 6, 2016 he indicated that there was a garbage pit that was associated with an old battery site, he was unsure if it was reclaimed with the battery site. He also recalled a small subsided area however it was reclaimed when the battery site was reclaimed. No other environmental concerns were identified;
- The operator was interviewed by Ridgeline on December 6, 2016, he did not identify any areas of environmental concern;
- A review of the National Energy Board Online Incident Map did not identify any incident reports for the subject pipeline (Government of Canada, 2016);



- A search of the *ECON Integrated Resource Information System* (IRIS) (ECON, 2015b) and *ECON Petroleum and Natural Gas Spill Report Directory* (ECON, 2015c) was completed on December 1, 2016 and indicated there were no records of spills for the #280606-1 pipeline located in 13-20-040-28 W3M; and,
- There is no drilling waste, drilling waste disposal, infrastructure or flare pits associated with this #280606-1 pipeline.

Based on the Phase I ESA, impacts to soil as a result of historical operations are not likely present and further investigation is not required.

Respectfully,

RIDGELINE CANADA INC.

A handwritten signature in black ink, appearing to read "H. Whelan", is positioned above the printed name.

Heather Whelan, M.Sc. EPT. P.Biol. CESA
Project Manager

Phase I - Environmental Site Assessment

All sections of this form are mandatory as part of the Phase I ESA component of the AOR application, unless otherwise indicated. For further details on Phase I requirements refer to the AOR Directive.

Prepared By (Consultant Company Name) Ridgeline Canada Inc.

Contact Name: Heather Whelan

Position Project Manager

Phone # (403) 806-2380 Ext 236 E-mail hwhelan@ridgelinecanada.com

Prepared For (Licensee Name) Husky Oil Operations Limited

Site Surface Location:

1	3	2	0	0	4	0	2	8	W	3
LSD		SEC		TWP		RGE		MER		

Most Recent Site Operation Type: ☐ Well ☐ Facility

Licence Number: #280606-1

Unique Well Identifier (UWI), where applicable: _____

Surface Ownership Associated with the Site and Access:

	SURFACE LANDOWNER(S) NAME	LOCATION (i.e LSD-SEC-TWP-RGE WMERM)	AREA (hectares)
SITE	Florence Marie Hillis	13-20-040-28 W3M	0.110
ACCESS			

Historical Site Activity

The Phase I ESA investigation must take into consideration all activities that occurred over the history of the licenced site.

Provide all historical activity associated with the site in the table below:

Activity Type	Licence #	Status	Approval issued under the AOR Program?
Pipeline	280606-1	Abandoned	Not Applicable

A. Drilling Information

Please be advised, if sufficient information is not available to complete this section or it advises that further investigation is warranted because it cannot be concluded that the drilling waste was dealt with in a manner that was compliant with the *GL 99-01 Saskatchewan Drilling Waste Management Guidelines*, then a **Phase II ESA** of the site is required.

1. General Drilling Fluid and Disposal Information

1.1 Well Information: Well Licence #: _____

Finished Drilling Date: _____

Well Depth (mTVD): _____

Surface Well Co-ordinates (in NAD 83):

Latitude (decimal degrees)	Longitude (decimal degrees)

1.2 Has this site been used for drilling waste disposal more than once (i.e multi-well pad, well re-entry/ re-completion, or additional wells drilled on the site, etc)? **If yes, the remaining Section A. Drilling Information must take into consideration all wells associated with the site which have previously received Exemption or Grandfathered approval under the AOR Program (as noted on the previous page).** _____

1.3 Provide the drilling mud information in the table below:

Drilling Fluid System	Product Name	Volume (m ³)	Comments
	Not Applicable		Not Applicable

1.4 Provide the drilling mud additive details (if disposed on-site) in the table below: **NOTE: If disposal is unknown or off-site indicate that in the table below and proceed to question 1.5.**

Product Name	Volume (include units)	Brief Description of the Product (i.e. type/use/ potential toxicity or exceedances in relation to the site)
Not Applicable		Not Applicable

1.5 Provide the drilling waste disposal information in the table below:

Drilling Waste Disposal Method	Disposal Volume (m ³)			Description of Disposal Location
	Solid	Fluid	Waste	
Not Applicable				Not Applicable

1.6 Were cement returns buried on-site? _____

1.7 Were non-oil field wastes buried on-site (i.e. concrete, gravel or debris)? _____

2. Hydrocarbon Management

- 2.1 Were hydrocarbon-based drilling fluids used? _____
- 2.2 Were hydrocarbons added to the drilling fluid? _____
- 2.3 Was the well drilled horizontally or re-entered and completed horizontally? _____
- 2.4 Was the well drilled using under-balance techniques? _____
- 2.5 Did the drilling records show evidence of a flow, kick or returned drill stem test fluids that may have introduced produced hydrocarbons into the drilling fluid? _____

3. Trace Metal Elements Management

- 3.1 Were trace metal elements added to the drilling fluid? _____

4. Salinity Management

- 4.1 Were salt-based drilling fluids used? _____
- 4.2 Was a salt zone (i.e. Prairie Evaporites, etc) encountered during drilling? _____
- 4.3 Did the drilling records show evidence of a flow, kick or returned drill stem test fluids that may have introduced produced salt water into the drilling fluid? _____

5. Justification of Drilling Waste Disposal Compliance

- 5.1 Provide further clarification that the drilling waste was managed adequately at the site (i.e. address all "yes" and "unknown" responses) in the space below. Note: if calculations are being used as justification please provide as an attachment. Only the A1 form, if available, is to be included with your submission, however, you should be able to provide other reference documentation summarized in your justification, if requested.

Not Applicable- There is no drilling waste associated with this pipeline.

6. Conclusions of Drilling Waste Disposal Compliance on the Site

- 6.1 Is there is sufficient documentation available showing that the drilling waste associated with the site was disposed of in a manner consistent with GL99-01 or has justification been provided (in Question 5.1) to show the drilling waste was adequately managed at the site? _____

B. Production/Storage & Environmental Information

1. Provide the historical & current infrastructure associated with the location (i.e. well head, tanks, pipeline, process skids, access roads, etc.):

Not Applicable

2. Were flare pits (drilling, production) associated with the site? _____

Not Applicable

3. Were storage tank(s) associated with the site? _____

Storage Tank Type	Capacity (bbl)	Location Details
		Not Applicable

4. Have underground facilities (storage tanks, pipelines, etc.) been removed? Yes

The blind end of the pipeline is located in 16-24-040-01 W4M

5. Indicate the method used to transport fluid (at producing wells, disposal wells and/or battery sites) to and from the location:

☒ Not Applicable Fluid piped: ☐ to the site ☐ from the site Fluid trucked: ☐ to the site ☐ from the site

6. Provide any other concerns associated with the site (waste storage/handling/chemical storage, buried pits, landfills, etc.):

Not Applicable

7. Total production (m³) associated with the well? ☒ Not Applicable or (_____ oil, _____ gas, _____ water)

8. Have there been any Spills/Releases/Complaints associated with the site? No

Spill Date (mm/dd/yyyy)	Spill Location	Type of Spill	Volume Spilled (m ³)	Volume Recovered (m ³)

9. Have there been any previous ESA's conducted? No

Consultant Company	Report Date (mm/dd/yyyy)	Report Title and Summary of Findings

10. Has an EM survey been conducted at the site outside of a Phase II? No

11. Has sampling/analytical work been conducted at the site outside of a cut and cap or Phase II report? No

C. Abandonment/Decommissioning Information

If the Phase I is conducted prior to well abandonment or facility decommissioning please ensure this section is addressed in the Summary Statement of Conclusions and Recommendations portion of the AOR application.

1. Date of well abandonment (i.e. cut and cap) or facility decommissioning: _____ **If a facility site, proceed to section D.*

2. Provide a discussion of whether or not there were gas migration issues associated with the site:

Not Applicable

3. Provide a summary of the well cut and cap report (i.e. detail issues, excavations or lab testing that occurred):

Not Applicable

D. Aerial/Satellite Imagery Review

The site and access road aerial/satellite imagery review is a mandatory component of the Phase I ESA; where imagery is not available please provide the sources (ie ISC, google earth, etc) and date checked in the appropriate space below. Note: Each image attached must clearly identify the date represented, north arrow and outline of site/access boundary.

1. Complete the table below for each of the attached aerial/satellite images.

	YEAR	Provide a discussion of the imagery of the site (i.e. in terms of evidence of infrastructure or areas of potential concern)
Pre-disturbance	1998	Pre-Disturbance Photograph. The approximate location of the pipeline is noted. The proposed pipeline crosses from Alberta into Saskatchewan in cultivated land use.
Active Site	2006 and 2014	Post-Disturbance Photograph. The approximate location of the pipeline is noted. The pipeline crosses from Alberta into Saskatchewan in cultivated land use. No areas of environmental concern were identified.
Post Abandonment		Not Available

E. Phase I Site Visit

A site visit is a mandatory component for the Phase I ESA and photographs must be included which substantiate the condition of the site along with any visual signs of on-site and off-site soil contamination (i.e. surface staining, reduced vegetation growth, visible salt crystals, etc.) that was noted at the time of the visit. Each picture must include a caption detailing the date taken, location taken from, direction looking towards and significance of what is being seen.

1. Date of site visit: September 12, 2016 Site visit conducted by: Riley Wallace, a Husky Representative
Was the site visit performed in the presence of the landowner (private land) or occupant (public land)?

2. Describe the land use/vegetation surrounding the site:

North	Cultivated
South	Cultivated
East	Cultivated
West	Cultivated

3. Describe the topography of the site and surrounding land:

Nearly level to gently undulating

4. Indicate any potential environmental receptors within 300 metres of the site in the table below, otherwise enter not applicable:

	Proximity to Site/Location	Comments (address potentially concerns, if any)
Residence	> 300 m	
Water Well	> 300 m	
Surface Waterbody (dugout, stream, river, etc)	~170 m southeast	Unnamed Seasonal Waterbody

5. Was equipment or tankage present (or visual signs of former facilities)? No

6. Were there visual signs of open or potentially buried earthen pits? No

7. Was there evidence of past spills? No

8. Has the adjacent land been affected by operations on the site? No

9. Was vegetation stress apparent? No

10. Does the site visit information conflict with file or the imagery information reviewed? No

F. Interviews

Interviews are a mandatory component of the Phase I ESA and as part of the third party consultants due diligence to determine potential sources of contamination. Interviews are required to be conducted with the landowner(s) of the site and access road, site occupant (where applicable), site operator and potentially even the adjacent landowner/occupant (where deemed necessary). Note: the landowner interview is not required for Crown (publicly held) lands.

1. Name of the consultant who conducted the interviews: Amy Brick of Ridgeline Canada Inc.

2. Provide a summary of the interviews conducted in the table below:











Date (mm/dd/yyyy)	Interviewee	Interview Details (interviewee's name, phone #, any potential concerns/issues with the site and what, if anything, has been done to address the issues)
12/06/2016	Occupant	Bill Hillis (306) 753-7317. Mr Hillis indicated that the land has been in his family since the 1960's. He stated that he rents the land from his mother but the farm corporation owns the land and both of them are part of the corporation. Mr. Hillis indicated that there was a garbage pit that was associated with an old battery site, he was unsure if it was reclaimed with the battery site. He also recalled a small subsided area however it was reclaimed when the battery site was reclaimed. No other environmental concerns were identified.
12/06/2016	Site Operator	Pat Hollman (780) 753-0372. Mr. Hollman indicated that he has operated in the area since 2011 and the pipeline has been abandoned since he has operated in the area. No areas of environmental concern were associated with the pipeline area.

3. If the landowner/occupant could not be contacted after several attempts, proof of reasonable attempts by the licensee must be provided:

Contact Method Used	Date (mm/dd/yyyy)	Time	Results of Attempts

Site Sketch

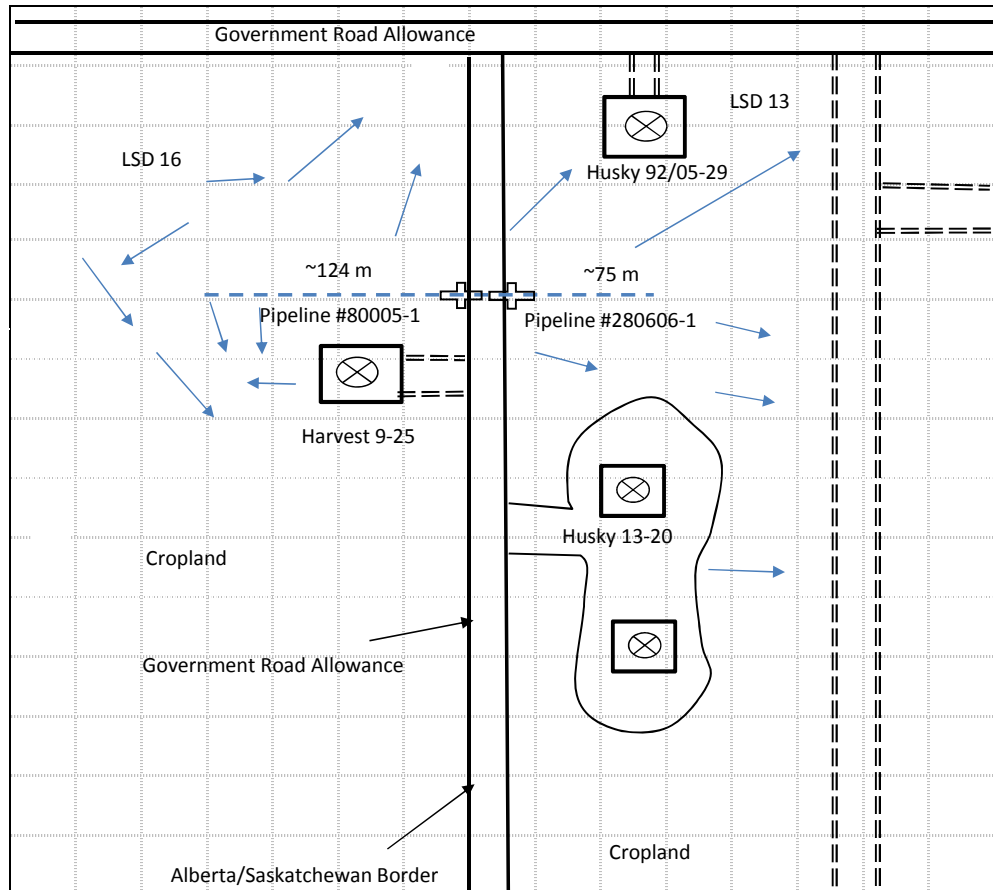
Licence # or Site Surface Location	Assessors Name	Assessment Date
Pipeline #280606-1 within 13-20-040-28 W3M and Pipeline #80005-1 within 16-24-040-01 W4M	Ridgeline Canada Inc.	11/30/2016

HISTORICAL SITE INFRASTRUCTURE									
Drainage	Drilling Waste Land spreading	Fenceline	Lease Boundary	Access Road Boundary	Pipeline	Wellhead with Tech Fence	Metal Pipeline Markers	Former Sump/Pit	Former Cement Pad
									
SITE VISIT OBSERVATIONS					OTHER INFORMATION				
SW - Surface Waterbody		BA - Bare Area	R - Residence						
D - Dugout		SS - Soil Staining	VS - Vegetation Stress						
WW - Water well		D - Debris	NOW - Non Oilfield Waste						
SL - Soil Slumping		VSC - Visible Salt Crystals							



Pipeline Size	
Length (m)	210.0
Width (m)	15.0
Area (ha)	0.31

Land Use / Vegetation	
Pipeline	Crop Stubble
North	Crop Stubble
East	Crop Stubble
South	Crop Stubble
West	Crop Stubble



COMMENTS

H. Conclusions and Recommendations

1. The Phase I ESA information is sufficient to form a conclusion about contamination at the site? Yes, contamination is not likely present
2. Is follow up action required to gain sufficient information regarding contamination at the site or address non-contamination related issues at the site? No further investigation required
3. In the space below provide details of any follow up action(s) recommended at the site (i.e. Phase II, EM survey, remediation work, etc) :
Based on the Phase I ESA, impacts to soil as a result of historical operations are not likely present and further investigation is not required.

I. Declaration

Phase I ESA Completeness Checklist

Please ensure only the required material below is included in the Phase I portion of the AOR submission.

Please check off the appropriate boxes indicating the sections completed and the documents included in this Phase I ESA.


- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Title Page | <input type="checkbox"/> C. Abandonment Information
If well has been cut and capped at time of review also provide:
<input type="checkbox"/> Gas migration information attached
<input type="checkbox"/> Cut and cap report attached | <input checked="" type="checkbox"/> E. Site Visit Information
<input checked="" type="checkbox"/> Site Visit Photos attached
Note: all photos must include the date taken, direction taken from and looking toward and description of what is being seen. |
| <input type="checkbox"/> A. Drilling Information & where applicable:
<input type="checkbox"/> A-1 Form attached
<input type="checkbox"/> Drilling information (section A) attached for each additional well drilled on the site.
<input type="checkbox"/> Drilling waste disposal compliance justification/calculations attached | <input checked="" type="checkbox"/> D. Aerial/Satellite Imagery Information
<input checked="" type="checkbox"/> Pre-disturbance imagery attached
<input checked="" type="checkbox"/> Active site imagery attached
<input type="checkbox"/> Post Abandonment imagery attached
Note: each image must clearly identify the date represented, north arrow and outline of site/access boundary | <input checked="" type="checkbox"/> F. Interviews
<input checked="" type="checkbox"/> G. Site Sketch
<input checked="" type="checkbox"/> H. Conclusions and Recommendations |
| <input type="checkbox"/> B. Production Information & where applicable:
<input type="checkbox"/> EM Survey, with site boundary and historical infrastructure clearly identified
<input type="checkbox"/> Analytical Summary Table | | <input checked="" type="checkbox"/> I. Declaration by Qualified Third Party Consultant |

This Phase I ESA was conducted on behalf of Husky Oil Operations Limited

for the site (with surface located at 13-20-040-28 W3M).

I Heather Whelan, M.Sc. EPT. P.Biol. CESA of Ridgeline Canada Inc.

certify that all applicable sections within the Phase I form have been completed and, to the best of my knowledge, all of the aforementioned information is accurate and has been provided. **I understand that all applicable sections within this form (and required attachments) are mandatory as part of the Phase I submission to the Ministry of the Economy, and an incomplete submission will result in the application being rejected.**


Heather Whelan
2016.12.12
10:49:25 -07'00'

December 12, 2016



Qualified Third Party Consultant Signature

Date

Professional Stamp or Third Party Consultant Qualifications

The above signature must meet the third party consultant qualifications prescribed in the AOR Directive.

LIST OF APPENDICES

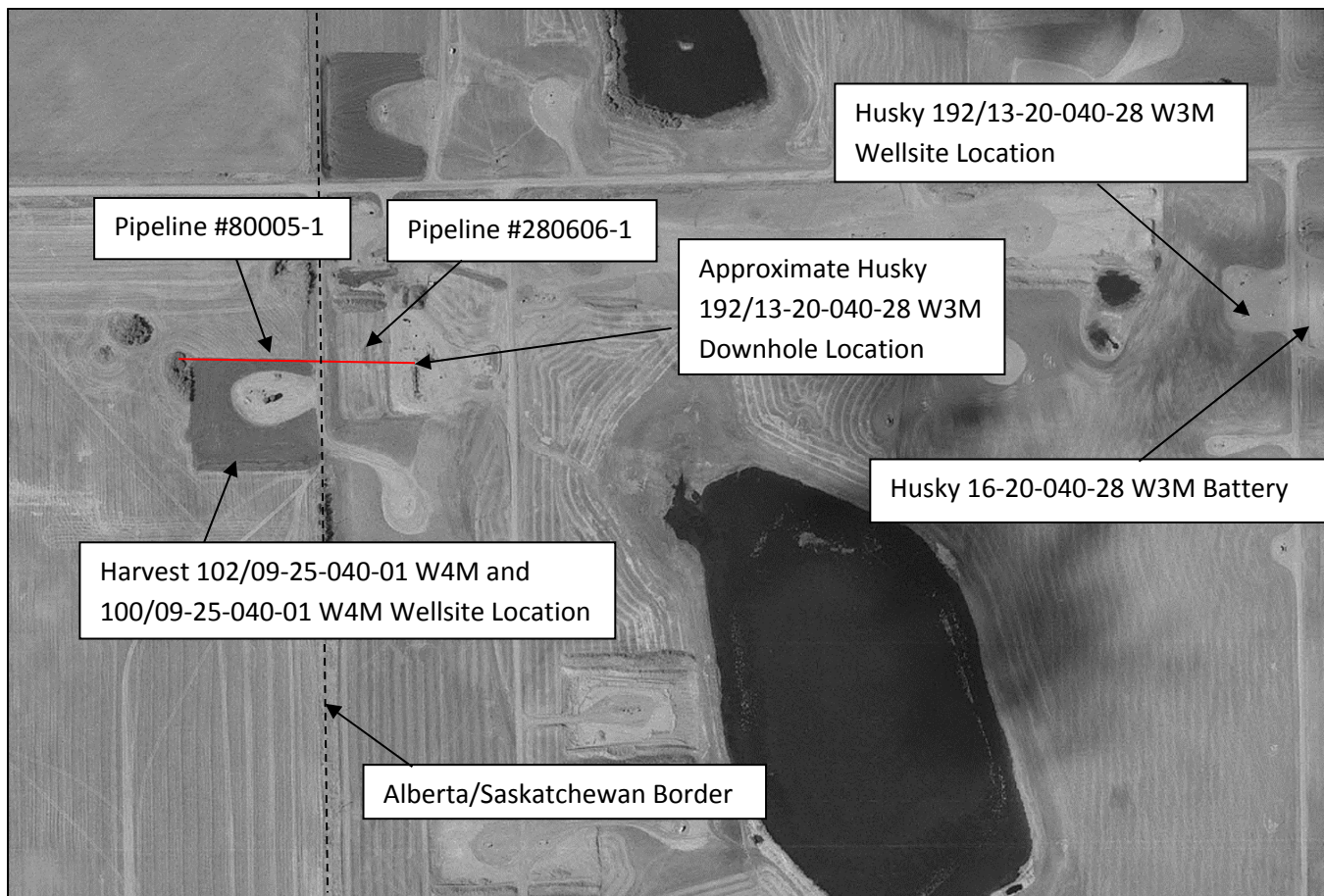
Appendix A:	Drilling Information
Appendix B:	Production Information
Appendix C:	Abandonment Information
Appendix D:	Aerial/Satellite Imagery Information
Appendix E:	Site Visit Information
Appendix F:	Interviews


Appendix A
Drilling Information
Not Applicable

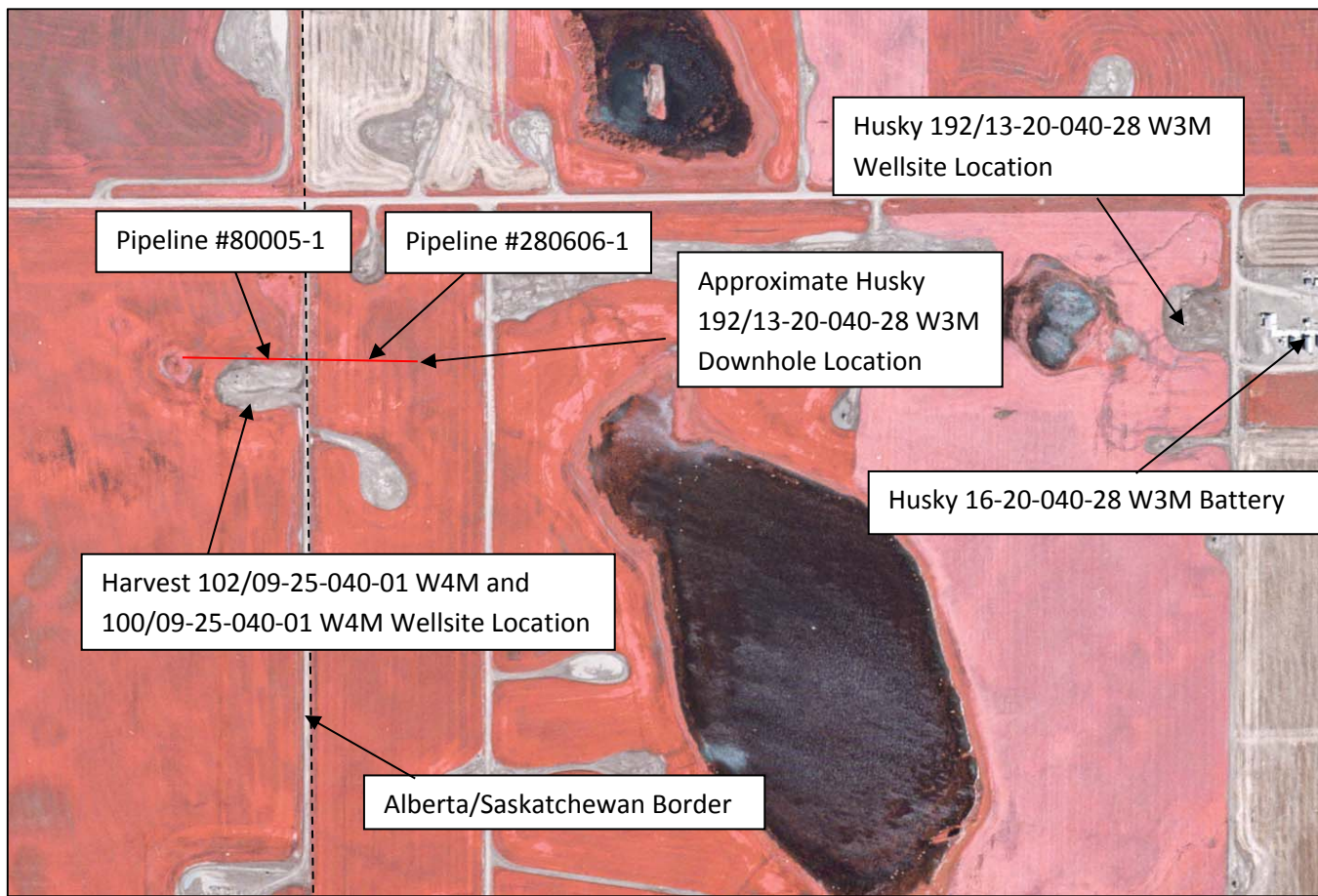
Appendix B
Production Information
Not Applicable


Appendix C
Abandonment Information
Not Available

Appendix D
Aerial/Satellite Imagery Information




Pre-Disturbance Photograph. The approximate location of the pipeline is noted. The pipeline crosses from Alberta into Saskatchewan in cultivated land use.	DRW: SM	CKD: HW	TITLE: AERIAL PHOTOGRAPH ID: AS4970-225 LN 24E IMAGE DATE: 13-May-1998 SOURCE: GoA, 2016		DATE: 01-Dec-2016
	SCALE: approx 1:8,000	REVISION: 0	LOCATION: Pipeline #80005-1/ #280606-1 16-24-040-01 W4M to 13-20-040-28 W3M	PAGE: 1	



<p>Post-Disturbance Photograph. The approximate location of the pipeline is noted. The pipeline crosses from Alberta into Saskatchewan in cultivated land use. No areas of environmental concern were identified.</p>	<p>DRW: SM</p>	<p>CKD: HW</p>	<p>TITLE: AERIAL PHOTOGRAPH ID: AS5380F-133 73D LN 10 IMAGE DATE: 11-Jul-2006 SOURCE: GoA, 2016</p>		<p>DATE: 01-Dec-2016</p>
	<p>SCALE: approx 1:8,500</p>	<p>REVISION: 0</p>	<p>LOCATION: Pipeline #80005-1/ #280606-1 16-24-040-01 W4M to 13-20-040-28 W3M</p>	<p>PAGE: 2</p>	



Post-Disturbance Photograph. The approximate location of the pipeline is noted. The pipeline crosses from Alberta into Saskatchewan in cultivated land use. No areas of environmental concern were identified.	DRW: SM	CKD: HW	TITLE: AERIAL PHOTOGRAPH ID: 16-24-040-01 W4M IMAGE DATE: 2014 SOURCE: Abacus, 2016		DATE: 01-Dec-2016
	SCALE: approx 1:8,000	REVISION: 0	LOCATION: Pipeline #80005-1/ #280606-1 16-24-040-01 W4M to 13-20-040-28 W3M	PAGE: 3	

Appendix E
Site Visit Information



The Saskatchewan pipeline marker along the grid road facing east.



Form the Saskatchewan pipeline marker facing east towards the pipeline ROW.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 1 - 2



Approximately 30 m east of the Saskatchewan pipeline marker facing west.



Approximately 30 m east of the Saskatchewan pipeline marker facing east.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 3 - 4



Approximately 75 m east of the Saskatchewan pipeline marker facing west.



Approximately 75 m east of the Saskatchewan pipeline marker facing east.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 5 - 6



Showing the vegetation stubble on the Saskatchewan pipeline ROW.



Showing the vegetation stubble off the Saskatchewan pipeline ROW.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 7 - 8



Showing both the Saskatchewan and Alberta pipeline markers facing west.



The Alberta pipeline marker along the grid road facing west.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 9 - 10



From the Alberta pipeline marker facing west towards the pipeline ROW.



Approximately 75 m west of the Alberta pipeline marker facing east.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 11 - 12



Approximately 75 m west of the Alberta pipeline marker facing west.



Approximately 125 m west of the Alberta pipeline marker facing east.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 13 - 14



Approximately 75 m west of the Alberta pipeline marker facing west.



Showing the vegetation stubble on the Alberta pipeline ROW.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 15 - 16



Showing the vegetation stubble off the Alberta pipeline ROW.

DRW: AB	CKD: HW	TITLE: SITE PHOTOGRAPHS	IMAGE DATE: 30-Nov-2016
DATE: 01-Dec-2016	REVISION: 0	LOCATION: Eyehill Pipeline 16-24-040-01 W4 to 13-20-040-28 W3M	PHOTOGRAPHS: 17

Appendix F
Interviews

STAKEHOLDER QUESTIONNAIRE

LANDOWNER/ **OCCUPANT**/ OPERATOR: Bill Hillis

INTERVIEW DATE: December 6, 2016 PHONE NUMBER: 306-753-7317

LEGAL LOCATION: Eyehill Pipeline INTERVIEWED BY: Amy Brick

Attempt #1 (date and time) _____

Attempt #2 (date and time) _____

Attempt #3 (date and time) _____

1. How long have you owned/occupied/supervised the lease?

Mr. Hillis indicated that his family has owned the land since approximately the 60's.

2. As the landowner can you confirm if there are any occupants, tenants, for the lease?

☒ YES there are occupants ☐ NO, no current occupants

Comments: Mr. Hillis rents the land from his mother. Florence Hillis owns the land but the farm Corporation farms it; Florence and Bill are both part of the Corporation.

3. To the best of your knowledge, have there ever been any spills on the lease or access road?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

4. Is there currently or have you ever noticed stained soil or evidence of poor vegetation growth/health on the lease?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

- 5. Are there currently, or to the best of your knowledge have there previously been any fluid and/or solid waste storage pits (e.g. sumps, flare pits etc.)? If so, where were these pits located or was drilling waste landsprayed on your property?**

☐ YES ☒ NO ☐ UNKNOWN

Comments: Mr. Hillis indicated there was once a garbage pit on top of the hill that was associated with the old battery site. He was not sure if that was reclaimed when the battery was reclaimed.

- 6. To the best of your knowledge, have there ever been any former facilities (shacks/risers/flare stacks) or storage tanks on the lease? If so, where were they located?**

☐ YES ☒ NO ☐ UNKNOWN

Comments: Mr. Hillis indicated that the only facilities would be the pipeline markers along the roadways.

- 7. To the best of your knowledge have there ever been any weed control measures undertaken on the lease or the access road (sprayed, mowed, tilled)?**

☐ YES ☒ NO ☐ UNKNOWN

Comments:

- 8. To the best of your knowledge, has the site and surrounding area been subjected to recent herbicide/pesticide application (when)? If not, will it be subjected to future herbicide/pesticide application (when)? What chemicals have been/will be used?**

☒ YES ☐ NO ☐ UNKNOWN

Comments: Mr. Hillis indicated that the surrounding cultivated field is sprayed yearly with a variety of chemicals which depend on the type of crop growing.

- 9. To the best of your knowledge, has the property been used for an industrial use in the past other than the lease?**

☐ YES ☒ NO ☐ UNKNOWN

Comments:

- 10. Do you as the landowner want to retain any of the land improvements that are associated with the lease (i.e. access road, approach, culverts, pad, fences, Texas gate)?**

☐ YES ☐ NO ☐ UNKNOWN ☒ N/A

Comments:

11. To the best of your knowledge, have there ever been any 3rd party uses of the site (i.e. recreational [hunters, quads] or other uses by an outside source other than yourself or industry)?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

12. Do you have any problems with Ridgeline conducting an environmental site assessment (soil and vegetation work) in the near future? Any access or safety concerns to access site?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

13. Have there ever been any problems with the pipeline?

☐ YES ☒ NO ☐ UNKNOWN

Comments: Mr. Hillis indicated that there was once a small slumped area in the ground but it was taken care of when the battery site was reclaimed.

14. (For reclaimed leases) Are you satisfied with the reclamation of the pipeline?

☒ YES ☐ NO ☐ UNKNOWN

Comments:

15. Additional Information: What is the land and surrounding land currently used for (crop and type, animal pasture, storage [for crops, equipment, etc.], recreation, etc.)? If animals, are there gates to control access, and if so, are any of them controlled with locks?

16. (For landowners and occupants) Do you prefer communication by email or post? What is your current mailing and/or email address?

☒ MAIL ☐ EMAIL

Bill Hillis
Box 671
Macklin, Saskatchewan
S0L 2C0

17. Do you have any additional concerns with the subject site that have not been address in the above questions?

☐ YES ☒ NO ☐ UNKNOWN

Mr. Hillis indicated that if we contacted his mother Florence Hillis she would just refer us to ask him the interview questions.

STAKEHOLDER QUESTIONNAIRE

LANDOWNER/ OCCUPANT/ **OPERATOR**: Pat Hollman

INTERVIEW DATE: December 6, 2016 PHONE NUMBER: 780-753-0372

LEGAL LOCATION: Eyehill Pipeline INTERVIEWED BY: Amy Brick

Attempt #1 (date and time) _____

Attempt #2 (date and time) _____

Attempt #3 (date and time) _____

1. How long have you owned/occupied/supervised the lease?

Mr. Hollman indicated he has operated in the area since 2001.

2. As the landowner can you confirm if there are any occupants, tenants, for the lease?

☐ YES there are occupants ☐ NO, no current occupants

Comments: Mr. Leskow does not know who farms the Alberta land but stated that the landowner Bill Hillis (306-753-7317) farms the Saskatchewan land.

3. To the best of your knowledge, have there ever been any spills on the lease or access road?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

4. Is there currently or have you ever noticed stained soil or evidence of poor vegetation growth/health on the lease?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

5. Are there currently, or to the best of your knowledge have there previously been any fluid and/or solid waste storage pits (e.g. sumps, flare pits etc.)? If so, where were these pits located or was drilling waste landsprayed on your property?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

6. To the best of your knowledge, have there ever been any former facilities (shacks/risers/flare stacks) or storage tanks on the lease? If so, where were they located?

☐ YES ☒ NO ☐ UNKNOWN

Comments: Mr. Hollman indicated that the only facilities would be the pipeline markers along the roadways.

7. To the best of your knowledge have there ever been any weed control measures undertaken on the lease or the access road (sprayed, mowed, tilled)?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

8. To the best of your knowledge, has the site and surrounding area been subjected to recent herbicide/pesticide application (when)? If not, will it be subjected to future herbicide/pesticide application (when)? What chemicals have been/will be used?

☒ YES ☐ NO ☐ UNKNOWN

Comments: Mr. Hollman indicated that the surrounding cultivated fields are most likely sprayed yearly.

9. To the best of your knowledge, has the property been used for an industrial use in the past other than the lease?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

10. Do you as the landowner want to retain any of the land improvements that are associated with the lease (i.e. access road, approach, culverts, pad, fences, Texas gate)?

☐ YES ☐ NO ☐ UNKNOWN ☒ N/A

Comments:

11. To the best of your knowledge, have there ever been any 3rd party uses of the site (i.e. recreational [hunters, quads] or other uses by an outside source other than yourself or industry)?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

12. Do you have any problems with Ridgeline conducting an environmental site assessment (soil and vegetation work) in the near future? Any access or safety concerns to access site?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

13. Have there ever been any problems with the pipeline?

☐ YES ☒ NO ☐ UNKNOWN

Comments:

14. (For reclaimed leases) Are you satisfied with the reclamation of the pipeline?

☒ YES ☐ NO ☐ UNKNOWN

Comments:

15. Additional Information: What is the land and surrounding land currently used for (crop and type, animal pasture, storage [for crops, equipment, etc.], recreation, etc.)? If animals, are there gates to control access, and if so, are any of them controlled with locks?

16. Do you have any additional concerns with the subject site that have not been address in the above questions?

☐ YES ☒ NO ☐ UNKNOWN

Mr. Hollman indicated that the pipeline has been abandoned since he has operated in the area.

References, Limitations, and Closure

REFERENCES

- Abacus Datagraphics (Abacus). December, 2016. <http://www.abacusdatagraphics.com>.
- Accumap. Accessed December 2016. *SK Enhanced Pipeline & Facility Package*. IHS Global Canada Limited.
- Caltech Surveys Ltd. (Caltech). December 22, 1997. *Plan Showing Survey of NORCEN et al 16A3 HAYTER 16-25-40-1 NORCEN et al 16D HAYTER 16-25-40-1 Pad Site for Wells Horizontally Drilled from a Surface Location in L.S. 16 Sec.24 Twp.40 Rge.1 W.4M.*
- Government of Alberta (GoA). November, 2016. *Aerial Photograph Record System (APRS)*. <https://securexnet.env.gov.ab.ca/aprs/inquiry.jsp>
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- Government of Saskatchewan Ministry of Agriculture. Accessed December 2016. *Agricultural Crown Land Map Viewer* <http://www.envgis.gov.sk.ca/Agriculture/ACLMV/>
- Government of Saskatchewan Ministry of the Economy (ECON). November 2015a. *Acknowledgement of Reclamation Requirements: Directive PNG016*.
- ECON. 2015b. *Petroleum and Natural Gas Spill Report Directory (contains information up to 5pm October 30, 2015)*.
- McElhanney Petroleum Surveys Ltd. (McElhanney). August 18, 1992. *KOCH EYEHILL HZ 6D15-20-5D13-20-40-28 Well Site (Directional & Horizontal dill from a surface location within) L.S. 15 Sec. 20 Twp. 40 Rge. 28 W.3 M.*
- Ridgeline Canada Inc. (Ridgeline). 2016a. *Standard Operating Procedures*. Calgary, Alberta
- Ridgeline. 2016b. *Health, Safety and Environment Manual*.
- Saskatchewan Institute of Pedology (SIP). 1984. *Salinity Map of the Agricultural Region of Saskatchewan (north half)*.
- Saskatchewan Water Security Agency (WSASK). December 2016. *Data Portal* <https://gis.wsask.ca/html5A/Index.html>.

LIMITATIONS

Ridgeline Environment, a Division of Ridgeline Canada Inc. confirms that it performed the assessment work as described in this report. This report is based on site conditions, information available to Ridgeline Environment, a Division of Ridgeline Canada Inc., and applicable industry and regulatory standards in place at the time of the assessment, as described in this report. Unless specifically requested, Ridgeline Environment, a Division of Ridgeline Canada Inc will not update this report for subsequent changes in site conditions or new information becoming available after the date of the assessment.

This report has been prepared for the exclusive use of Husky Oil Operations Limited (the "Client"). Ridgeline Environment, a Division of Ridgeline Canada Inc. assures that it exercised reasonable due diligence in the collection of all documentation and information but cannot guarantee the accuracy, authenticity, or validity of such documentation and information.

Information presented in this report was accumulated and interpreted exclusively for conducting the assessment work described in this report. Ridgeline Environment, a Division of Ridgeline Canada Inc. does not accept any liability for the use of this report for any purpose other than as stated.

Any conclusions or recommendations made in this report judgement are based on the following limited investigations: Visual site visits(s) on the date(s) set out in this report; examination of records and documentation; and interviews with individuals having information about the subject site. While efforts have been made to substantiate information provided by third parties, Ridgeline Environment, a Division of Ridgeline Canada Inc. makes no representation or warranty as to its completeness or accuracy.

This work is subject to restrictions including but not limited to: restrictions by physical obstruction; inaccessible areas; time constraints; cost constraints; availability of documentation; safety considerations; confidentiality; and availability of knowledgeable individuals for interview purposes. A reasonable assessment may not identify hidden or latent impacts. This work is a compilation and assessment of available data regarding the subject site.

This report is not to be released to or used by, in whole or in part to, any other party without express written consent of Ridgeline Environment, a Division of Ridgeline Canada Inc.



CLOSURE

This report was prepared by Shaelyn Moyer, B.Sc. and reviewed by Heather Whelan, M.Sc. EPt. P.Biol. CESA. Ridgeline Environment, a Division of Ridgeline Canada Inc. would like to thank Husky Oil Operations Limited for the opportunity to conduct the work described in this report. Should you have any questions or require additional copies of the report, please do not hesitate to contact the undersigned.

Respectfully submitted,

**RIDGELINE ENVIRONMENT,
A DIVISION OF RIDGELINE CANADA INC.**

A handwritten signature in cursive script that reads "Shaelyn Moyer".

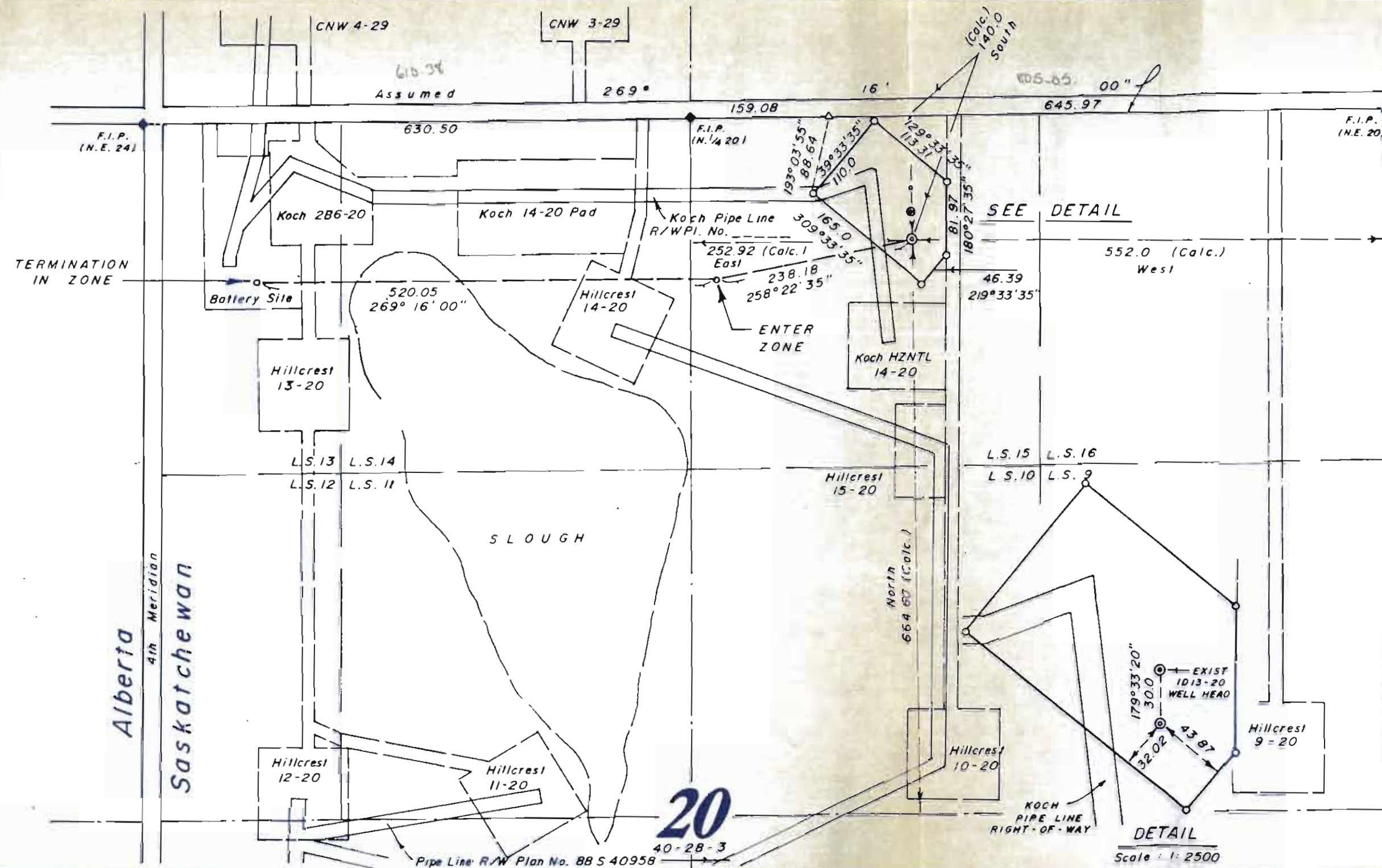
Shaelyn Moyer, B.Sc., AIT
Environmental Consultant

A handwritten signature in cursive script that reads "H. Whelan".

Heather Whelan, M.Sc. EPt. P.Biol. CESA
Project Manager



Additional Information



KOCH EYEHILL HZ 6D15-20-5D13-20-40-28 Well Site

(Directional & Horizontal drill from a surface location within)
L.S. 15 Sec. 20 Twp. 40 Rge. 28 W.3 M.

ELEVATIONS: Ground at Well Location: 658.0
N. Corner: 660.76 E. Corner: 661.57
S. Corner: 657.73 W. Corner: 655.51
S.E. Corner: 659.52

WELL CO-ORDINATES:
SURFACE: 140.0 S. of N. Boundary } Sec. 20
552.0 W. of E. Boundary }

DOWNHOLE CO-ORDINATES
ENTER ZONE 185.0 S. of N. Boundary } Sec. 20
785.24 W. of E. Boundary }

TERMINATION IN ZONE 185.0 S. of N. Boundary } Sec. 20
110.0 E. of W. Boundary }
183.06 S 1313.53 W.
102.38 E

ICP = 190.75 + 775.2 W

KOCH EXPLORATION CANADA, LTD.

[Signature] JAMES W. BE

I certify that the survey represented by this plan is correct and true to the best of my knowledge and was completed on the 18th day of August 1992

[Signature] Glen E. Martin
Saskatchewan Land Surveyor
Witness

SCALE: 1:5000
100 50 0 100 200 300 metres
Survey monuments found are shown thus: ●
Survey monuments planted are shown thus: ○
Portions referred to are shown thus:
Distances are in metres and decimals thereof.
There are no surface improvements within 75 metres of this well location unless shown otherwise.

Province of Saskatchewan Land Titles Registry Title

Title #: 147795014
Title Status: Active
Parcel Type: Surface
Parcel Value: \$135,200.00 CAD
Title Value: \$135,200.00 CAD
Converted Title: 86S09155(1)
Previous Title and/or Abstract #: 147396831

As of: 06 Dec 2016 14:39:08
Last Amendment Date: 21 Jan 2016 16:25:20.640
Issued: 21 Jan 2016 16:25:17.860
Municipality: RM OF SENLAC NO. 411

Florence Marie Hillis is the registered owner of Surface Parcel #117196746

Reference Land Description: NW Sec 20 Twp 40 Rge 28 W 3 Extension 0
As described on Certificate of Title 86S09155(1).

This title is subject to any registered interests set out below and the exceptions, reservations and interests mentioned in section 14 of *The Land Titles Act, 2000*.

Registered Interests:

Interest #: 174005423	CNV Caveat	Value: N/A Reg'd: 10 Sep 1985 02:22:16 Interest Registered Amendment Date: N/A Interest Assignment Date: N/A Interest Scheduled Expiry Date: N/A Expiry Date: N/A
W 1/2 20 Holder: HUSKY OIL OPERATIONS LIMITED 707 - 8th Avenue SW Calgary, Alberta, Canada T2P 3G7 Client #: 112342991 Int. Register #: 102930195 Converted Instrument #: 85S35949		
Interest #: 174005658	CNV Caveat	Value: N/A Reg'd: 18 Sep 1985 02:22:17 Interest Registered Amendment Date: N/A Interest Assignment Date: N/A Interest Scheduled Expiry Date: N/A Expiry Date: N/A
W 1/2 20 Holder: HUSKY OIL OPERATIONS LIMITED 707 - 8th Avenue SW Calgary, Alberta, Canada T2P 3G7 Client #: 112342991 Int. Register #: 102930421 Converted Instrument #: 85S37195		

Interest #:
174005669

CNV Caveat

Value: N/A
Reg'd: 21 Mar 1986 02:23:30
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

W 1/2 20

Holder:
HUSKY OIL OPERATIONS LIMITED
707 - 8th Avenue SW
Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930432
Converted Instrument #: 86S09886

Interest #:
174005670

CNV Easement

Value: N/A
Reg'd: 27 Jul 1987 02:25:33
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW & SW 20 the right of ingress and egress thereto

Holder:
HUSKY OIL OPERATIONS LIMITED
707 - 8th Avenue SW
Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930454
Converted Instrument #: 87S32885
Feature #: 100070727

Interest #:
174005681

CNV Caveat

Value: N/A
Reg'd: 25 Oct 1988 02:27:23
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

W 1/2 20

Holder:
HUSKY OIL OPERATIONS LIMITED
707 - 8th Avenue SW
Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930465
Converted Instrument #: 88S43474

Interest #:
174005535

CNV Caveat

Value: N/A
Reg'd: 07 Nov 1991 02:32:21
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A

Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 1/4

Holder:

HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7

Client #: 112342991

Int. Register #: 102930308

Converted Instrument #: 91S41017

Interest #:
174005546

CNV Caveat

Value: N/A

Reg'd: 07 Nov 1991 02:32:21

Interest Registered Amendment Date: N/A

Interest Assignment Date: N/A

Interest Scheduled Expiry Date: N/A

Expiry Date: N/A

NW 1/4

Holder:

HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7

Client #: 112342991

Int. Register #: 102930319

Converted Instrument #: 91S41018

Interest #:
174005557

CNV Easement

Value: N/A

Reg'd: 07 Nov 1991 02:32:21

Interest Registered Amendment Date: N/A

Interest Assignment Date: N/A

Interest Scheduled Expiry Date: N/A

Expiry Date: N/A

NW 1/4 20

Holder:

HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7

Client #: 112342991

Int. Register #: 102930320

Converted Instrument #: 91S41021

Interest #:
174005388

CNV Easement

Value: N/A

Reg'd: 02 Dec 1991 02:32:24

Interest Registered Amendment Date: N/A

Interest Assignment Date: N/A

Interest Scheduled Expiry Date: N/A

Expiry Date: N/A

NW 20 and fractional of SW 29

Holder:

HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7

Client #: 112342991

Int. Register #: 102930140
Converted Instrument #: 91S43935

Interest #:
174005568

CNV Caveat

Value: N/A
Reg'd: 07 Jan 1993 02:35:00
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 20

Holder:
 SaskPower
 2025 Victoria Ave
 Regina, Saskatchewan, Canada S4P 0S1
Client #: 100947887
Int. Register #: 102930331
Converted Instrument #: 93S00480

Interest #:
174005579

CNV Caveat

Value: N/A
Reg'd: 23 Mar 1993 02:35:08
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930342
Converted Instrument #: 93S08187

Interest #:
174005580

CNV Caveat

Value: N/A
Reg'd: 28 Mar 1994 02:36:50
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 20

Holder:
 SASKATCHEWAN POWER CORPORATION
 2025 VICTORIA AVE
 REGINA, SK, Canada S4P 0S1
Client #: 100307618
Int. Register #: 102930353
Converted Instrument #: 94S10322

Interest #:
174005412

CNV Caveat

Value: N/A
Reg'd: 14 Nov 1996 02:40:50
Interest Registered Amendment Date: N/A

Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

W 1/2 20

Holder:

HUSKY OIL OPERATIONS LIMITED

707 - 8th Avenue SW

Calgary, Alberta, Canada T2P 3G7

Client #: 112342991

Int. Register #: 102930173

Converted Instrument #: 96S49765

Interest #:
174005591

CNV Caveat

Value: N/A

Reg'd: 14 Nov 1996 02:40:50

Interest Registered Amendment Date: N/A

Interest Assignment Date: N/A

Interest Scheduled Expiry Date: N/A

Expiry Date: N/A

NW 20 & SW 29

Holder:

HUSKY OIL OPERATIONS LIMITED

707 - 8th Avenue SW

Calgary, Alberta, Canada T2P 3G7

Client #: 112342991

Int. Register #: 102930364

Converted Instrument #: 96S49766

Interest #:
174005399

CNV Caveat

Value: N/A

Reg'd: 10 Dec 1996 02:40:55

Interest Registered Amendment Date: N/A

Interest Assignment Date: N/A

Interest Scheduled Expiry Date: N/A

Expiry Date: N/A

NW 1/4 20

Holder:

HUSKY OIL OPERATIONS LIMITED

707 - 8th Avenue SW

Calgary, Alberta, Canada T2P 3G7

Client #: 112342991

Int. Register #: 102930151

Converted Instrument #: 96S54073

Interest #:
174005603

CNV Caveat

Value: N/A

Reg'd: 10 Dec 1996 02:40:55

Interest Registered Amendment Date: N/A

Interest Assignment Date: N/A

Interest Scheduled Expiry Date: N/A

Expiry Date: N/A

NW 1/4 20

Holder:

HUSKY OIL OPERATIONS LIMITED

707 - 8th Avenue SW

Calgary, Alberta, Canada T2P 3G7

Client #: 112342991
Int. Register #: 102930375
Converted Instrument #: 96S54068

Interest #:
174005401

CNV Caveat

Value: N/A
Reg'd: 22 Jan 1997 02:41:43
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 20
Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930162
Converted Instrument #: 97S02778

Interest #:
174005614

CNV Caveat

Value: N/A
Reg'd: 22 Jan 1997 02:41:43
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 20
Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930386
Converted Instrument #: 97S02780

Interest #:
174005625

CNV Caveat

Value: N/A
Reg'd: 22 Jan 1997 02:41:43
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 20
Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930397
Converted Instrument #: 97S02786

Interest #:
174005636

CNV Caveat

Value: N/A

Reg'd: 07 Feb 1997 02:41:45
 Interest Registered Amendment Date: N/A
 Interest Assignment Date: N/A
 Interest Scheduled Expiry Date: N/A
 Expiry Date: N/A

W 1/2 20

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930409
Converted Instrument #: 97S05361

Interest #:
174005647

CNV Caveat

Value: N/A
 Reg'd: 28 Apr 1997 02:41:57
 Interest Registered Amendment Date: N/A
 Interest Assignment Date: N/A
 Interest Scheduled Expiry Date: N/A
 Expiry Date: N/A

NW 20

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930410
Converted Instrument #: 97S17385

Interest #:
174005524

CNV Caveat

Value: N/A
 Reg'd: 23 May 1997 02:42:02
 Interest Registered Amendment Date: N/A
 Interest Assignment Date: N/A
 Interest Scheduled Expiry Date: N/A
 Expiry Date: N/A

NW 20

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930296
Converted Instrument #: 97S21807

Interest #:
174005434

CNV Caveat

Value: N/A
 Reg'd: 19 Sep 1997 02:42:23
 Interest Registered Amendment Date: N/A
 Interest Assignment Date: N/A
 Interest Scheduled Expiry Date: N/A
 Expiry Date: N/A

SW 29

Holder:
 HUSKY OIL OPERATIONS LIMITED

707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930207
Converted Instrument #: 97S42676

Interest #:
174005445

CNV Caveat

Value: N/A
Reg'd: 22 Sep 1997 02:42:23
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930218
Converted Instrument #: 97S42948

Interest #:
174005456

CNV Caveat

Value: N/A
Reg'd: 22 Sep 1997 02:42:23
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930229
Converted Instrument #: 97S42949

Interest #:
174005467

CNV Caveat

Value: N/A
Reg'd: 12 Jan 1998 02:43:20
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW & SW 20

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930230
Converted Instrument #: 98MW00424

Interest #:

174005478

CNV Caveat

Value: N/A
Reg'd: 14 Jan 1998 02:43:21
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW

Holder:

HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7

Client #: 112342991**Int. Register #:** 102930241**Converted Instrument #:** 98MW00705

Interest #:
174005489

CNV Caveat

Value: N/A
Reg'd: 22 Jan 1998 02:43:21
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

Holder:

HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7

Client #: 112342991**Int. Register #:** 102930252**Converted Instrument #:** 98MW01171

Interest #:
174005490

CNV Caveat

Value: N/A
Reg'd: 05 Aug 1998 02:43:33
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

Holder:

HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7

Client #: 112342991**Int. Register #:** 102930263**Converted Instrument #:** 98MW13032

Interest #:
174005502

CNV Caveat

Value: N/A
Reg'd: 09 Sep 1998 02:43:35
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 20

Holder:

HUSKY OIL OPERATIONS LIMITED

707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930274
Converted Instrument #: 98MW14771

Interest #:
174005513

CNV Caveat

Value: N/A
Reg'd: 22 Mar 2002 00:03:24
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

NW 20 & SW 29
Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 102930285
Converted Instrument #: 02MW04449

Interest #:
174005692

Pipelines Act - Easement

Value: N/A
Reg'd: 23 Dec 2009 08:25:09
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 116063412

Interest #:
174005704

Lease - 10 years or more

Value: N/A
Reg'd: 13 Oct 2010 12:18:40
Interest Registered Amendment Date: N/A
Interest Assignment Date: N/A
Interest Scheduled Expiry Date: N/A
Expiry Date: N/A

Holder:
 HUSKY OIL OPERATIONS LIMITED
 707 - 8th Avenue SW
 Calgary, Alberta, Canada T2P 3G7
Client #: 112342991
Int. Register #: 116851596

Interest #:
174005715

Pipelines Act - Easement

Value: N/A
Reg'd: 13 Oct 2010 12:52:11
Interest Registered Amendment Date: N/A

Interest Assignment Date: [N/A](#)
Interest Scheduled Expiry Date: [N/A](#)
Expiry Date: [N/A](#)

Holder:
[HUSKY OIL OPERATIONS LIMITED](#)
[707 - 8th Avenue SW](#)
[Calgary, Alberta, Canada T2P 3G7](#)
Client #: [112342991](#)
Int. Register #: [116851721](#)

Addresses for Service:

Name

Address

Owner:

[Florence Marie Hillis](#)
Client #: [109700412](#)

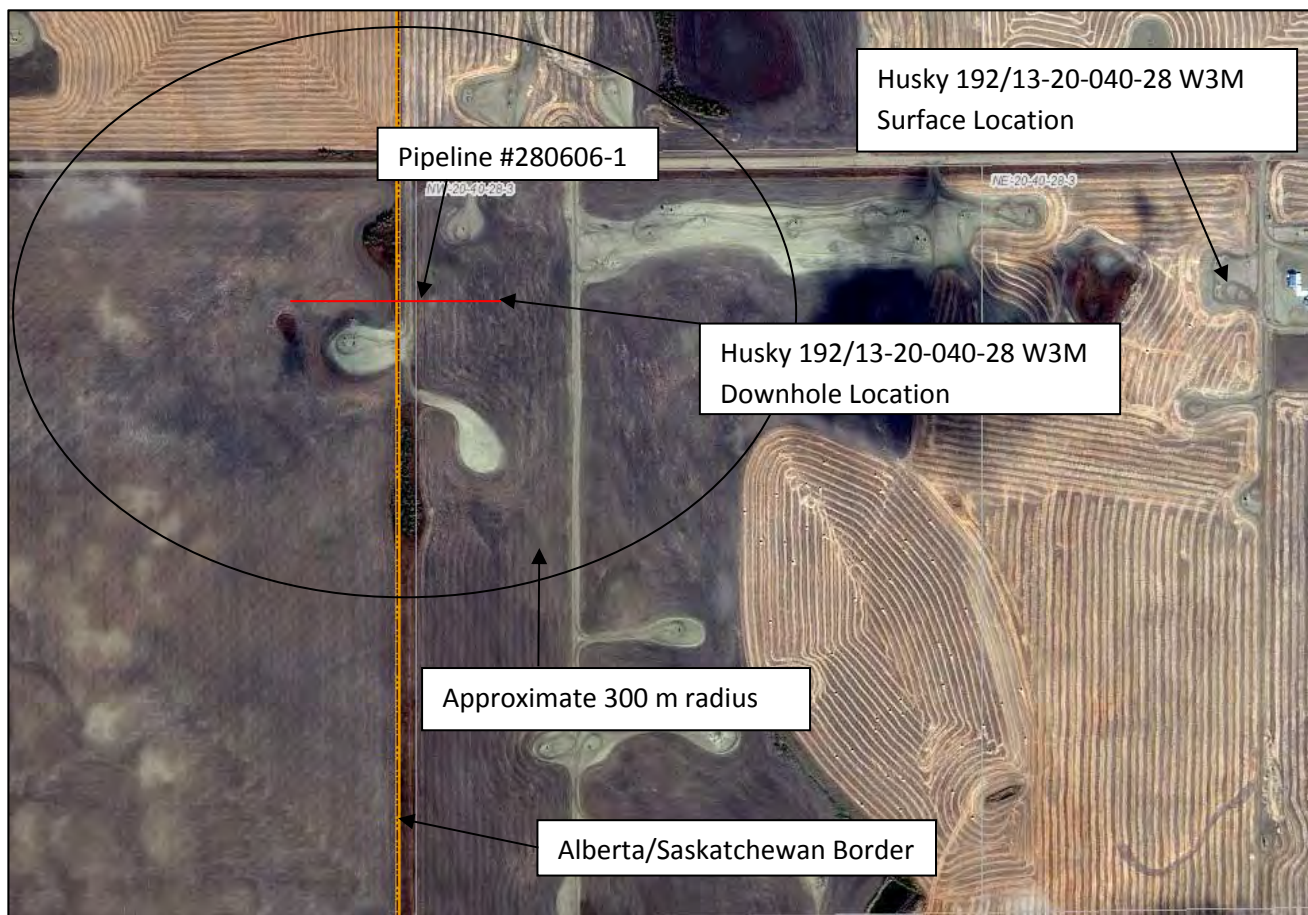
[P.O. Box 373 Macklin, Saskatchewan, Canada S0L 2C0](#)

Notes:

Parcel Class Code: [Parcel \(Generic\)](#)



[Back to top](#)



Water well locations are approximate. Available information indicates no registered water wells and no surface water bodies located within 300 metres of the wellsite.

DRW:
SM

CKD:
HW

TITLE:
SASKATCHEWAN WATER SECURITY
AGENCYDATA PORTAL
SOURCE: WSASK, 2016

DATE:
01-Dec-2016

SCALE:
approx 1:9,100

REVISION:
0

LOCATION:
Pipeline #280606-1 within
13-20-040-28 W3M

PAGE:
1

