

SECTION 6

- ✓ • Lower in Quality
- ✓ • Backfill Reports
- ✓ • Crossing Agreements
- ✓ • Line Locating *Alberda Was called*
- ✓ • Ground Disturbance Sketches *Record*
- Affidavits */ Find Documentation/Supplemental*
- ✓ • Pictures



FLINT ENERGY SERVICES LTD.

INTEGRATED. INTEGRAL.

LOWER-IN QUALITY CHECKLIST

P14-06-04 REV 1

FLINT PROJECT NUMBER: 201180441		DATE (mm/dd/yy): 01/17/07	SHEET	OF	
COMPLETED BY: [Signature]					
PROJECT DESCRIPTION: DUAL 8" FIBERGLASS OIL EFFLUENT PIPELINES					
PIPE SIZE (NPS): 214.4mm x 8.90mm					
LOWER-IN QUALITY			YES	NO	N/A
TAILGATE SAFETY MEETING WAS HELD:		DATE (mm/dd/yy): 01/17/07	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALL PERSONS ON CREW ARE FAMILIAR WITH LOWER-IN REQUIREMENTS.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERTINENT CONTRACT DOCUMENTS AVAILABLE FOR REVIEW.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH DEPTH HAS BEEN VERIFIED AND IS REQUIRED BY CONTRACT.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH BOTTOM IS CLEAR OF OBSTRUCTIONS THAT MAY DAMAGE THE PIPE OR COATING.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LOWER IN TRACTORS AND EQUIPMENT ARE ADEQUATE TO SUPPORT THE PIPE WEIGHT AND MEET OH&S.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COATING INSPECTION: (CUSTOMER APPROVED COATING REPAIR PROCEDURE IS AVAILABLE ON-SITE)			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE METER HAS BEEN CALIBRATED IN THE PAST 6 MONTHS.			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• TIME:			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE:			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• PIPE AND HOLIDAY DETECTOR ARE PROPERLY GROUNDED.			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COMMENTS:					



FLINT ENERGY SERVICES LTD.
INTEGRATED. INTEGRAL.

LOWER-IN QUALITY CHECKLIST

4-106-04 (REV 1)

FLINT PROJECT NUMBER: 201180441		DATE (mm/dd/yy): 01/18/07	SHEET		OF
COMPLETED BY: [Signature]					
PROJECT DESCRIPTION: DUAL 8" FIBERGLASS OIL EFFLUENT PIPELINES					
PIPE SIZE (NPS): 214.4 mm x 8.90 mm					
LOWER-IN QUALITY			YES	NO	N/A
TAILGATE SAFETY MEETING WAS HELD:		DATE (mm/dd/yy): 01/18/07	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALL PERSONS ON CREW ARE FAMILIAR WITH LOWER-IN REQUIREMENTS.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERTINENT CONTRACT DOCUMENTS AVAILABLE FOR REVIEW.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH DEPTH HAS BEEN VERIFIED AND IS REQUIRED BY CONTRACT.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH BOTTOM IS CLEAR OF OBSTRUCTIONS THAT MAY DAMAGE THE PIPE OR COATING.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LOWER IN TRACTORS AND EQUIPMENT ARE ADEQUATE TO SUPPORT THE PIPE WEIGHT AND MEET OH&S.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COATING INSPECTION: (CUSTOMER APPROVED COATING REPAIR PROCEDURE IS AVAILABLE ON-SITE)			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE METER HAS BEEN CALIBRATED IN THE PAST 6 MONTHS.			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• TIME:			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE:			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• PIPE AND HOLIDAY DETECTOR ARE PROPERLY GROUNDED.			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COMMENTS:					



FLINT ENERGY SERVICES LTD.

INTEGRATED. INTEGRAL.

LOWER-IN QUALITY CHECKLIST

P14 (08-04 REV 3)

FLINT PROJECT NUMBER: 201180441		DATE (mm/dd/yy): 01/19/07		SHEET OF	
COMPLETED BY: [Signature]					
PROJECT DESCRIPTION: DUAL 8" FIBERGLASS OIL EFFLUENT PIPELINES					
PIPE SIZE (NPS): 214.4mm x 8.90mm					
LOWER-IN QUALITY				YES	NO
TAILGATE SAFETY MEETING WAS HELD:				<input checked="" type="checkbox"/>	<input type="checkbox"/>
DATE (mm/dd/yy): 01/19/07					
ALL PERSONS ON CREW ARE FAMILIAR WITH LOWER-IN REQUIREMENTS.				<input checked="" type="checkbox"/>	<input type="checkbox"/>
PERTINENT CONTRACT DOCUMENTS AVAILABLE FOR REVIEW.				<input checked="" type="checkbox"/>	<input type="checkbox"/>
TRENCH DEPTH HAS BEEN VERIFIED AND IS REQUIRED BY CONTRACT.				<input checked="" type="checkbox"/>	<input type="checkbox"/>
TRENCH BOTTOM IS CLEAR OF OBSTRUCTIONS THAT MAY DAMAGE THE PIPE OR COATING.				<input checked="" type="checkbox"/>	<input type="checkbox"/>
LOWER IN TRACTORS AND EQUIPMENT ARE ADEQUATE TO SUPPORT THE PIPE WEIGHT AND MEET OH&S.				<input checked="" type="checkbox"/>	<input type="checkbox"/>
COATING INSPECTION: (CUSTOMER APPROVED COATING REPAIR PROCEDURE IS AVAILABLE ON-SITE)				<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE METER HAS BEEN CALIBRATED IN THE PAST 6 MONTHS.				<input type="checkbox"/>	<input checked="" type="checkbox"/>
• TIME:				<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE:				<input type="checkbox"/>	<input checked="" type="checkbox"/>
• PIPE AND HOLIDAY DETECTOR ARE PROPERLY GROUNDED.				<input type="checkbox"/>	<input checked="" type="checkbox"/>
COMMENTS:					



FLINT ENERGY SERVICES LTD.

INTEGRATED. INTEGRAL.

LOWER-IN QUALITY CHECKLIST

P-13-106-04 REV 13

FLINT PROJECT NUMBER: 201190441		DATE (mm/dd/yy): 02/03/07		SHEET		OF	
COMPLETED BY: [Signature]							
PROJECT DESCRIPTION: Dual 8" FIBERGLASS OIL EFFLUENT PIPELINES							
PIPE SIZE (NPS): 214.4mm X 8.90mm							
LOWER-IN QUALITY				YES	NO	N/A	
TAILGATE SAFETY MEETING WAS HELD:				DATE (mm/dd/yy): 02/03/07	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALL PERSONS ON CREW ARE FAMILIAR WITH LOWER-IN REQUIREMENTS.					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERTINENT CONTRACT DOCUMENTS AVAILABLE FOR REVIEW.					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH DEPTH HAS BEEN VERIFIED AND IS REQUIRED BY CONTRACT.					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH BOTTOM IS CLEAR OF OBSTRUCTIONS THAT MAY DAMAGE THE PIPE OR COATING.					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LOWER IN TRACTORS AND EQUIPMENT ARE ADEQUATE TO SUPPORT THE PIPE WEIGHT AND MEET OH&S.					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COATING INSPECTION: (CUSTOMER APPROVED COATING REPAIR PROCEDURE IS AVAILABLE ON-SITE)					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE METER HAS BEEN CALIBRATED IN THE PAST 6 MONTHS.					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• TIME:					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE:					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• PIPE AND HOLIDAY DETECTOR ARE PROPERLY GROUNDED.					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COMMENTS:							

**FLINT ENERGY SERVICES LTD.****INTEGRATED. INTEGRAL.****LOWER-IN QUALITY CHECKLIST**

P14 (08-04 REV.1)

FLINT PROJECT NUMBER: 201180441		DATE (mm/dd/yy): 02/04/07	SHEET		OF
COMPLETED BY: [REDACTED]					
PROJECT DESCRIPTION: DUAL 8" FIBERGLASS OIL EFFLUENT PIPES					
PIPE SIZE (NPS): 214.4mm X 8.90mm					
LOWER-IN QUALITY			YES	NO	N/A
TAILGATE SAFETY MEETING WAS HELD:		DATE (mm/dd/yy): 02/04/07	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALL PERSONS ON CREW ARE FAMILIAR WITH LOWER-IN REQUIREMENTS.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERTINENT CONTRACT DOCUMENTS AVAILABLE FOR REVIEW.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH DEPTH HAS BEEN VERIFIED AND IS REQUIRED BY CONTRACT.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRENCH BOTTOM IS CLEAR OF OBSTRUCTIONS THAT MAY DAMAGE THE PIPE OR COATING.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LOWER IN TRACTORS AND EQUIPMENT ARE ADEQUATE TO SUPPORT THE PIPE WEIGHT AND MEET OH&S.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COATING INSPECTION: (CUSTOMER APPROVED COATING REPAIR PROCEDURE IS AVAILABLE ON-SITE)			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE METER HAS BEEN CALIBRATED IN THE PAST 6 MONTHS.			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• TIME:			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• VOLTAGE:			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• PIPE AND HOLIDAY DETECTOR ARE PROPERLY GROUNDED.			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COMMENTS:					



PENGROWTH

PIPELINE CROSSING / BACKFILL INSPECTION REPORT

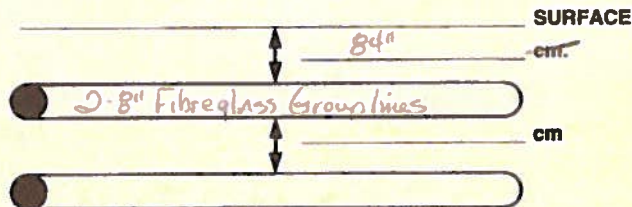
Company performing crossing: Pengrowth Contractor performing crossing: Flint Field Services
 Legal description of crossing: (LSD) B-35-63-11 Total number of lines being crossed: N/A
 Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
<u>Road crossing @ B-35 west of access to S-35-63-11</u>		

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL.

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/>	<u>WJ</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/>	<u>WJ</u>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>WJ</u>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/>	<u>WJ</u>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/>	<u>WJ</u>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>WJ</u>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>WJ</u>
2. Have cathodic test leads been installed on the pipelines, if required?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>WJ</u>
3. Is there any pipe or coating damage? If yes, explain _____		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>WJ</u>
4. Damage repair; satisfactory?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>WJ</u>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?		<input checked="" type="checkbox"/> <u>WJ</u>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: 2-8" F.R.P. ARE #116/4218, #117/4218 (B-35-63-11 to B-36-63-11)

Pengrowth Representative [Signature] Date Completed: Feb 12/07
 Print Name _____ Signature _____

Foreign Company Rep _____ Date Completed: _____
 Print Name _____ Signature _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative



PENGROWTH

PIPELINE CROSSING / BACKFILL INSPECTION REPORT

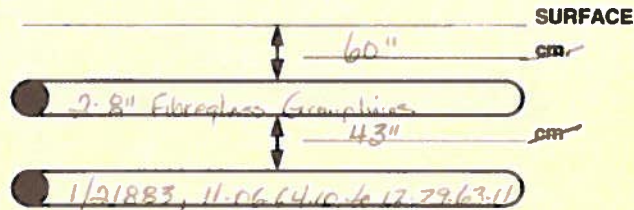
Company performing crossing: Pengrowth Corp Contractor performing crossing: Flint Field Services
 Legal description of crossing: (LSD) 10-35-63-11 Total number of lines being crossed: 1
 Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
<u>LINE # 1/21883 Phase Gas</u>	<u>114.3mm STEEL</u>	

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Is there any pipe or coating damage? If yes, explain _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Damage repair; satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: 2-8\"

Pengrowth Representative [Signature] Print Name _____ Signature _____ Date Completed: Feb 04/07
 Foreign Company Rep _____ Print Name _____ Signature _____ Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative



PENGROWTH

PIPELINE CROSSING / BACKFILL INSPECTION REPORT

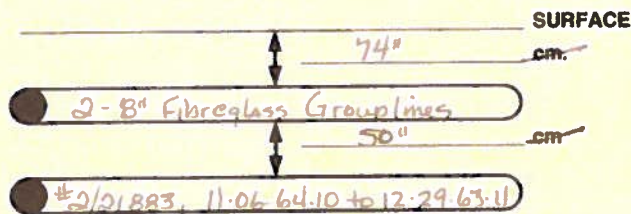
Company performing crossing: Pengrowth Corp. Contractor performing crossing: Flint Field Services
 Legal description of crossing: (LSD) 10-35-63-11 Total number of lines being crossed: 1
 Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
<u>LINE #2/21883 Solvent.</u>	<u>168.3</u>	<u>STEEL</u>

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/1</u>
3. Is there any pipe or coating damage? If yes, explain _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>10/1</u>
4. Damage repair, satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/1</u>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?	<input checked="" type="checkbox"/>	<u>10/1</u>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: 2-8" F.R.R. are #116/4218, #117/4218 (8-35-63-11 to 13-36-63-11)

Pengrowth Representative

Print Name

Signature

Date Completed: Feb. 04/07

Foreign Company Rep

Print Name

Signature

Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY Foreign Company Representative



PENGROWTH

PIPELINE CROSSING / BACKFILL INSPECTION REPORT

Company performing crossing: Pengrowth Corp.

Contractor performing crossing: Flint Field Services

Legal description of crossing: (LSD) 10-35-63-11

Total number of lines being crossed: 1

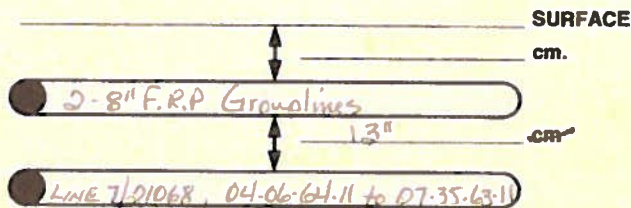
Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
<u>Line 7/21068 Solvent</u>	<u>168.3mm STEEL</u>	

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>JA</u>
3. Is there any pipe or coating damage? If yes, explain _____	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>
4. Damage repair, satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>JA</u>	<input type="checkbox"/>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?	<input checked="" type="checkbox"/>	<u>JA</u>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: 2-8" F.R.P. ARE LINE# 116/4218, 117/4218 - (8-35-63-11 to 13-36-63-11)

Pengrowth Representative

Print Name

Signature

Date Completed: Feb. 04/07

Foreign Company Rep

Print Name

Signature

Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative



PENGROWTH

PIPELINE CROSSING / BACKFILL INSPECTION REPORT

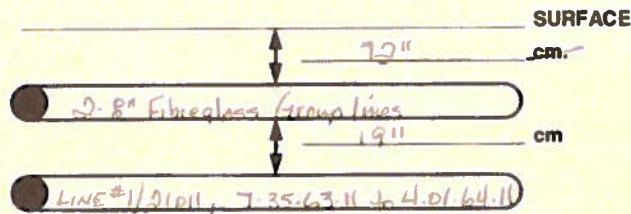
Company performing crossing: Pengrowth Corp. Contractor performing crossing: Flint Field SERV.
 Legal description of crossing: (LSD) 10-35-63-11 Total number of lines being crossed: 1
 Crossing Agreement Number: A/A

EXISTING LINES	O.D.	WT.
<u>Line #1/21011 Solvent</u>	<u>60.8mm STEEL</u>	

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/</u>
3. Is there any pipe or coating damage? If yes, explain _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>
4. Damage repair, satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/</u>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?	<input checked="" type="checkbox"/>	<u>10/</u>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: 2-8" F.R.P. ARE #116/4218, #117/4218 - 8-35-63-11 to 13-36-63-11

Pengrowth Representative: [Signature] Print Name: _____ Date Completed: Feb. 4/07
 Foreign Company Rep: _____ Print Name: _____ Signature: _____ Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative



PIPELINE CROSSING / BACKFILL INSPECTION REPORT

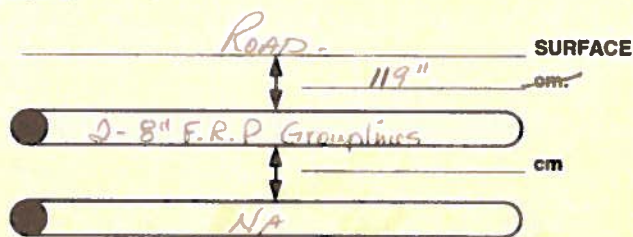
Company performing crossing: PENGROWTH Contractor performing crossing: Flint Field Services
Legal description of crossing: (LSD) 10-35-63-11 Total number of lines being crossed: N/A
Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
<u>ROAD CROSSINGS</u>		

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Is there any pipe or coating damage? If yes, explain _____		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Damage repair; satisfactory?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: 2-8" F.R.P ARE LINE# 116/4218, 117/4218 (8-35-63-11 to 13-36-63-11)

Pengrowth Representative [Signature] Print Name _____ Signature _____ Date Completed: Feb 4/07
Foreign Company Rep _____ Print Name _____ Signature _____ Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative



PENGROWTH

PIPELINE CROSSING / BACKFILL INSPECTION REPORT

Company performing crossing: Pengrowth Corp. Contractor performing crossing: Flint Field Serv.

Legal description of crossing: (LSD) 10-35-63-11 Total number of lines being crossed: 1

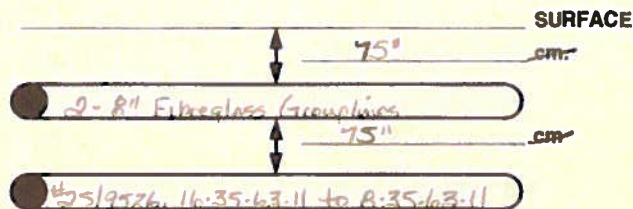
Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
#5/9526 F.R.P. oil Effluent	117.3	STAR 2000

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>ldl</u>
3. Is there any pipe or coating damage? If yes, explain _____	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>ldl</u>	<input type="checkbox"/>	<input type="checkbox"/>
4. Damage repair: satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <u>ldl</u>	<input type="checkbox"/>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?	<input checked="" type="checkbox"/> <u>ldl</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: 2-8" F.R.P. AR# #116/421A, #117/421A - 8-35-63-11 to 13-36-63-11

Pengrowth Representative [Signature] Print Name _____ Signature _____ Date Completed: Feb. 4, 2007

Foreign Company Rep _____ Print Name _____ Signature _____ Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative

**PENGROWTH****PIPELINE CROSSING / BACKFILL INSPECTION REPORT**

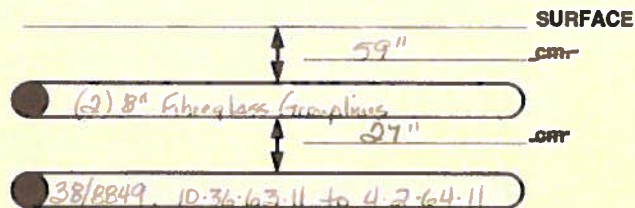
Company performing crossing: Pengrowth Contractor performing crossing: Flat Field Services
 Legal description of crossing: (LSD) 16-35-63-11 Total number of lines being crossed: 1
 Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
<u>LINE #38/8849, 2P, 1 RW, STEEL</u>	<u>219.1mm</u>	

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10</u>
3. Is there any pipe or coating damage? If yes, explain _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>
4. Damage repair, satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10</u>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?	<input checked="" type="checkbox"/>	<u>10</u>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: (2) 8" F.R.P. ARE #116/4218, #117/4218 - 8-35-63-11 to 13-36-63-11

Pengrowth Representative [Signature] Print Name _____ Signature [Signature] Date Completed: Jan. 21/07

Foreign Company Rep _____ Print Name _____ Signature _____ Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative



PENGROWTH

PIPELINE CROSSING / BACKFILL INSPECTION REPORT

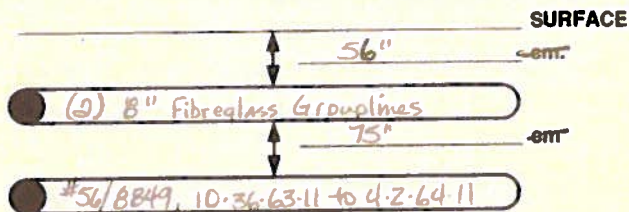
Company performing crossing: Pengrowth Contractor performing crossing: Flint Field Services
 Legal description of crossing: (LSD) 16-35-63-11 Total number of lines being crossed: 1
 Crossing Agreement Number: _____

EXISTING LINES	O.D.	WT.
#56/8849 P.W. STEEL	219.1	

IMPORTANT: PIPELINE MUST BE HAND EXPOSED BEFORE COMMENCING MECHANICAL EXCAVATION WITHIN 5 M OF LINE. PENGROWTH REPRESENTATIVE MUST BE PRESENT DURING BACKFILL

PRE-PIPELINE CROSSING	(INITIAL)	YES	NO	N/A
1. Does the crosser have an approved copy of the crossing agreement for this crossing onsite?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have underground facilities been located and marked within 30m of dig area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there any pipeline, power lines, cables, or utility cables being crossed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Have all underground facilities been hand exposed or a hydrovac used within 5m of the dig area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Have all equipment operators been notified that no mechanical excavation is permitted within 1.5m of exposed pipeline or utilities as per the Pengrowth crossing agreement? (NOTE: Mechanical excavation may be permitted within 1.5m of exposed pipeline <u>only</u> with Pengrowth approval and direct site supervision).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Have pipeline isolation points been identified on the line(s) being crossed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

BACKFILL INSPECTION	(INITIAL)	YES	NO	N/A
1. Pipelines crossing over or under an existing pipeline must maintain a minimum clearance of 30 cm.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have cathodic test leads been installed on the pipelines, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Is there any pipe or coating damage? If yes, explain _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Damage repair: satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Has pipeline been covered with a minimum of 30cm of select backfill material (if required) prior to commencing backfilling operations?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Remarks: (2) 8" F.R.P. are #116/4218, #117/4218 - 8-35-63-11 to 13-36-63-11

Pengrowth Representative [Signature]
 Print Name

[Signature]
 Signature

Date Completed: Jan. 21/07

Foreign Company Rep _____
 Print Name

 Signature

Date Completed: _____

WHITE COPY - Pengrowth Corporation

YELLOW COPY - Foreign Company Representative

8-35-63-11 to 12 36 63-11

JAN. 30, 2007

2 - 8" Groupline (FRP.) Replacement

7 35-63-11 Pipeline crossings

Line 18/16756 (Portion of) 168.3 P.W. ABDN. (5-36 to 8-35-63-11)

- Hydrovaced Flanged end (Previous Inspection EMP) and spotted in proposed Ditch Line. This portion is LEFT OVER FROM AN INSERTION TO EAST FOR A 88.9 536 to 10-35-63-11.
- IF REQUIRED to cross (undetermined at this time) either ① punch to verify line, cold cut portion for ditch, ② Remove portion west of Ditch line to Flange

CONTROL CABLES - 3 North of 5-35 Road + 1 South to header

- Cables ARE Hydrovaced AND EXPOSED; Verified that 1-6 pps are live
- Covolt Systems to cut lines when need to cross; SCADA SYSTEMS ARE to be installed ON AFFECTED LOCATIONS IDENTIFIED BY COVOLT (KEN ENGLISH)

③ 36/14907 60.3 N.G. 8-35 to 8-35-63-11 ABDN.

- Hydrovaced AND EXPOSED end; tape capped riser
- Cut & remove portion AFFECTED BY DITCH LINE

④ 15/14907 88.9 N.G. 8-35 to 10-35-63-11 ABDN. (Insulated)

- Hydrovaced Riser w/ cement Block at Riser site; tape capped at Gr. Level
- Line is being removed in AREAS; remove Riser + cement Block.

⑤ 14/14907 60.3 N.G. 8-35 to 2-35-63-11 ABDN. (insulated)

- Hydrovaced AND EXPOSED Riser AND CEMENT BLOCK AT Riser site; tape capped AT Gr. LEVEL
- NO Riser AT 2-35 LEASE
- Remove Riser, cement Block AND LINE to Groupline header or AS REQUIRED.

⑥ 39/14907 168.3 N.G. 7-35 to 9-26-63-11 (DISCON)

- Hydrovaced AND EXPOSED 9-35 END; tape capped
- Cut back AS required BY AFFECTED DITCH LINE

JAN. 30, 2007

7-35-63-11 Pipeline crossings - Continued

(19) 23/14907 1683 N.G. 12-36-63-11 to 8-35-63-11 ABND.

- HYDROVALED 7-35 SLOT; END NOT VERIFIED
↳ Parallel Slot trench to ALONG EAST DITCHLINE.
- PRESUMED, LINE IS OUTSIDE PROPOSED DITCH

(37) 16/9526 88.9 OIL EFFL. 12-35 to 8-35-63-11 ABND.

- HYDROVALED AND EXPOSED AT DITCHLINE
- ORIGINAL LIFELINE; SUBSEQUENTLY DIVERTED TO 5-35 SAT.
- NO RISER AT 12-35 LEASE, SHOWS CUT + IS INJECTION WELL.
- NO RISER INTO 8-35 SAT.
- Cold punch line, cut out pipe affected By Ditchline

(36) 15/9526 88.9 OIL EFFL. 4-35 to 8-35-63-11 ABND.

- HYDROVALED AND EXPOSED PIPE AT DITCHLINE
- NO RISER AT 4-35 LEASE, PLOT PLAN SHOWS PIPE CUT, IS INJECTION WELL
- NO RISER AT 8-35 SAT.
- Cold punch pipe, cut out pipe affected By Ditchline

(24) + (39) Carrier pipes 12" being used For new 8" F.R.P.

- remove pipes as Required by new DITCHLINE

may dig through pipe as long as above process is followed, must get sign off on electrical cables before cables are cut

[Signature]
[Signature]

2007/02/06

2007/02/06

* All alterations to be Redlined + Documented

8-35-63-11 to a 36 63-11

FEB. 01, 2007

2 - 8" Groupline (F.R.P.) Replacement

10-35-63-11 Pipeline Crossings.

JOB SCOPE: EXCAVATION OF 7/14994 (323.9) North of 10-35 Access to determine how communication on this line for FRP insertion.

- (35) 1/9526 88.9 oil EFFL. 10-35 to 8-35-63-11 (ABND)
- Hydrovaced pipe across Groupline and exposed riser point and confirmed ABANDONMENT; open ended.
- Will remove portion west of Dig AREA to riser point (included)
- Cold Punch line prior to cut
- (44) 16/14907 60.3 N.G. 10-35 to 10-35-63-11 (ABND)
- Hydrovaced and exposed riser cut off at Gr. Level, line is open ended. (old header site)
- Will remove portion affected by excavation
- (43) 35/14907 60.3 N.G. 10-35 to 14-35-63-11 (ABND)
- Hydrovaced and exposed riser cut off at Gr. Level, line is open ended. (old header site)
- Will cut & remove portion of line affected by excavation
- (33) & (46) 15/14907 & 17/14907 88.9 & 60.3 N.G. (ABND)
- Lines Parallel 7/14994 and are being removed during ditching of affected areas.

Control Cable (North of 10-35 Access Rd)

- Randy Sutherland confirmed ABND line and signed off to Dig

APPROVAL TO PROCEED WITH PROPOSED
DITCH LINE PROCEDURE.

[Signature]

[Signature]

FEB 1/07

NOTE - All cut outs to be Red Lined & Documented.



FLINT FIELD SERVICES LTD.

INTEGRATED. INTEGRAL

MEMOGRAM

TO: _____ DATE: Jan 23, 2007

FROM: _____ SUBJECT: Cutting Abandoned Lines

1) LINE #6 LICENSE #14994

323.9mm FROM 8-35-63-11 TO 13-36-63-11 (ABAND.)

- WE HAVE PIGGED LINE, HYDRO-VACED LINE WITH BADGER AND HAD GBS VERIFY CORRECT LINE MATCHED UP TO RISERS.

- PUNCHED AND COLD CUT LINE, HAVE ALREADY REMOVED ±850m

2) LINE #7 LICENSE #14994

323.9mm FROM 8-35-63-11 TO 13-36-63-11 (ABAND.)

- WE HAVE HYDRO-VACED THIS LINE ON R.O.W. FOUND WHERE IT HAS ALREADY BEEN CUT. WOULD LIKE TO DIG BACK ON LINE. PUNCH AND COLD CUT LINE FOR INSERTION POINT. HAD GBS VERIFY CORRECT LINE

3) LINE #13 LICENSE #9526

88.9mm FROM 16-35-63-11 TO 8-35-63-11 (ABAND.)

- DROVE TO 16-35 LEASE AND VERIFIED RISER HAS BEEN REMOVED AND NEWER STAINLESS RISER 9W FIBERGLASS PIPELINE IS THERE. DROVE TO 8-35 SATT. AND VERIFIED RISER HAS BEEN REMOVED OR CUT OFF

- WE WOULD LISTEN AND TOUCH LINE TO ENSURE NOT RUNNING. HAVE GBS VERIFY LINE. PUNCH LINE AND COLD CUT.

4) NOT LICENSED

114.3mm FROM 14-02-64-11 TO 8-35-63-11 (DISCON)

- THIS LINE HAS BEEN PREVIOUSLY CUT WHEN THE NEW 219.1mm WATER LINE WAS INSTALLED AND THE OLDER WATER LINE WAS REMOVED FROM 10-36-63-11 TO 4-02-64-11

- WILL HAVE GBS TO HOOK UP TO LINE AND VERIFY. PUNCH AND COLD CUT LINE.

"INDUSTRY'S SERVICE PROVIDER OF CHOICE"



FLINT FIELD SERVICES LTD.
INTEGRATED. INTEGRAL

MEMOGRAM

TO: _____ DATE: _____
FROM: _____ SUBJECT: _____

5) LINE #17 LICENSE #4218

219.1mm FROM 4-24-63-11 TO 13-36-63-11 (AGAND)

- THIS LINE IS IN A COMMON DITCH WITH A 323.9mm WHICH GOES TO 12-27 HEADER. THE 219.1mm SEPARATES BEFORE 10-35 ROAD CROSSING AND HEADS TOWARDS 8-35 SATT. THE DRAWING SHOWS 8" CUT JUST AFTER 10-35 LEASE ENTRANCE AND SHOWS SECTION REMOVED. A LINE FROM 10-35 SKID IS INSERTED INTO 8" GOING TOWARDS 8-35.

- WILL HAVE GBS HOOK UP TO 8" AND VERIFY SECTION HAS BEEN REMOVED ACROSS FROM 10-35 ACCESS ROAD. WILL PUNCH AND COLD CUT LINE.

6) LINE #17 LICENSE #14907

60.2mm FROM 10-35-63-11 TO 16-35-63-11 (AGAND)

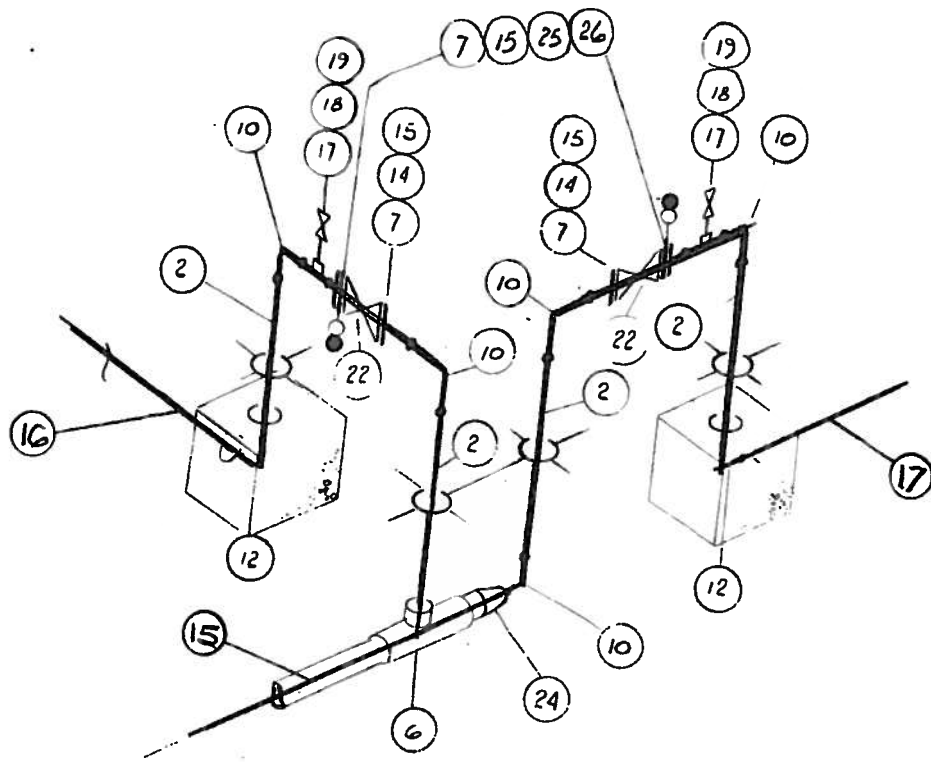
- THIS LINE APPEARS TO BE INSULATED, WILL CROWN OFF INSULATION, HAVE GBS VERIFY LINE. GAS HEADER AT 10-35 HAS BEEN REMOVED - THERE'S NO RIVER ANY MORE AT 16-35. BUDGET IS HYDRO-VACUING AT 8-35 TO VERIFY CUT OFF END. WILL PUNCH LINE AND COLD CUT. TALKED WITH TIM YOUNG AND CHECK OUR DRAWINGS AND INFORMATION.

may dig close to above lines, punch cold cut and cut out section. the install new group lines

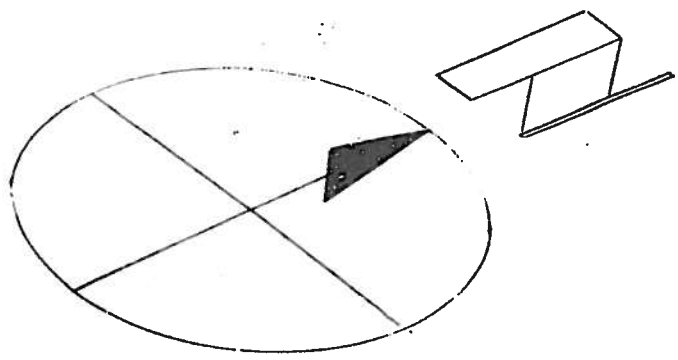
[Signature] 2007/10/23

[Signature] Jan 23, 2007

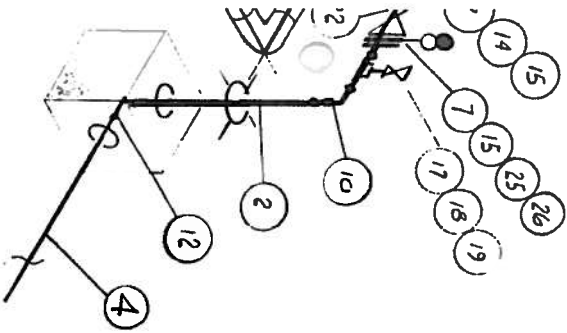
"INDUSTRY'S SERVICE PROVIDER OF CHOICE"



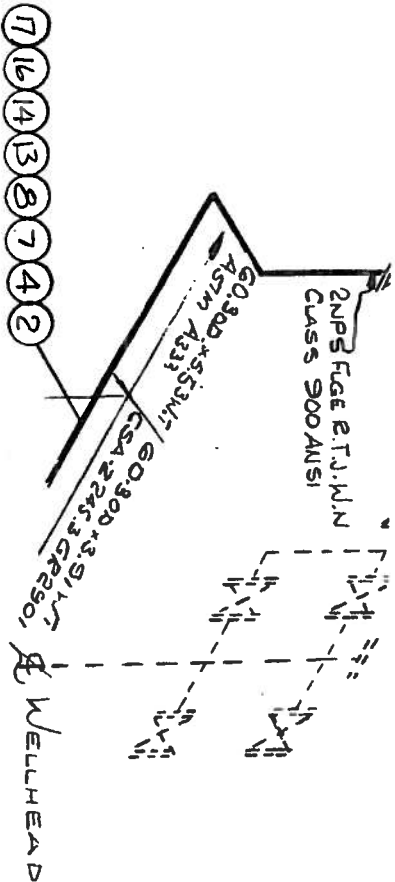
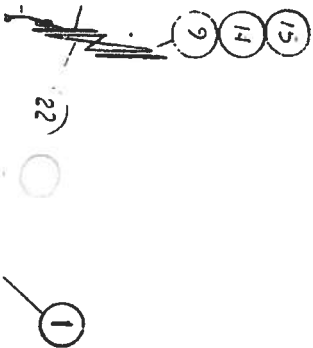
DETAIL 'B'



DETAIL 'E'

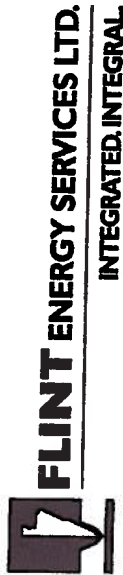


DETAIL 'F'



TYPICAL Tie-Ins to Wellheads

26	10	SPECTACLE BLIND CLASS 1500 RTJ	A350-72.5	2
25	80	STUD BOLT 9/16 HEX NUTS 1901G	A320-73-6217	3/8"
24	2	REDUCER CONC. SCH 40 BW	A324-73	3 x 2
23	1	REDUCER CONC T.11 W/T BW	A324-73	6 x 2
22	12	VALVE GA. CLASS 1500 ANSI RTJ FLGD	A352-72	2



FLINT Quality Rep: DATE(mm/dd/yyyy)
 Owner/Owner's Rep: DATE(mm/dd/yyyy)

CROSSING REPORT
 P12 (08-04 REV 1)

CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER: 201180491 DATE (mm/dd/yy): 01/21/07

PROJECT DESCRIPTION: 28" FIBERGLASS GRAVITY

LOCATION: 16-35-63-11

DIAMETER OF NEW LINE (in/ mm): 214.4 mm

DIAMETER OF EXISTING LINE: 219.1 mm

OWNER OF CROSSED LINE: PERGANDITH CORPORATION

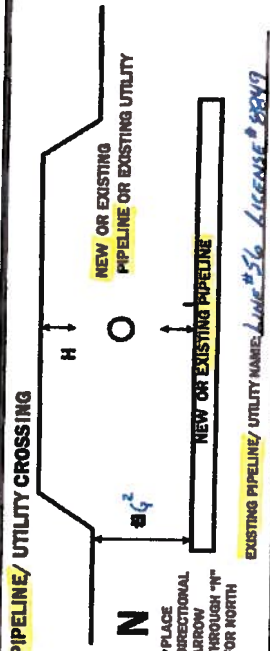
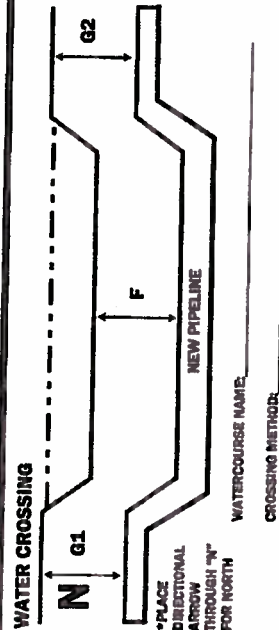
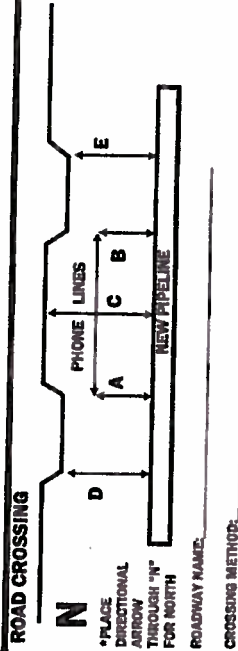
PRE HYDRO-TEST REQUIRED: N/A PRE SIZING PIG REQUIRED: N/A

HYDROTEST ACCEPTABLE: N/A SIZING ACCEPTABLE: N/A

SECTION JEEED: N/A CASING REQUIRED: N/A

TYPE OF SLEEVE: N/A

OTHER: N/A



ITEM (SEE FIGURE)	MEASUREMENTS (in/cm)		DESCRIPTION
	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	
A			COVER
B			COVER
C			AT CENTER LINE
D			AT BAR DITCH
E			AT BAR DITCH
F			BELOW CREEK BED
G1			COVER
G2		<u>139"</u>	COVER
H		<u>56"</u>	COVER
I		<u>75"</u>	SEPARATION

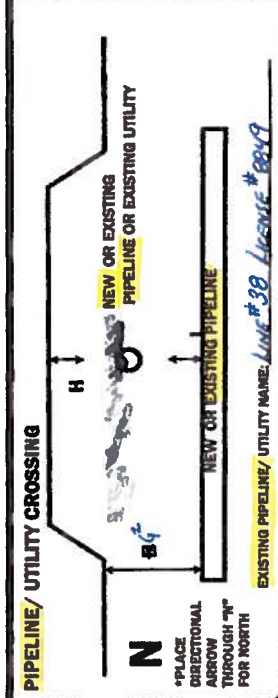
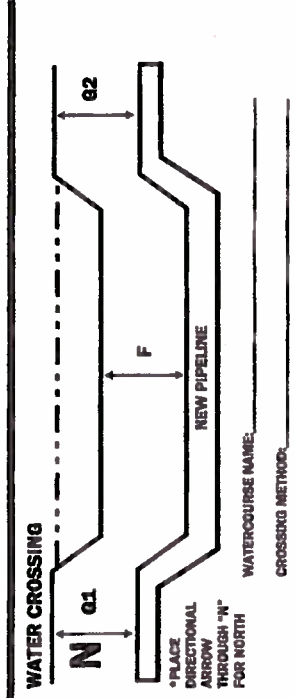
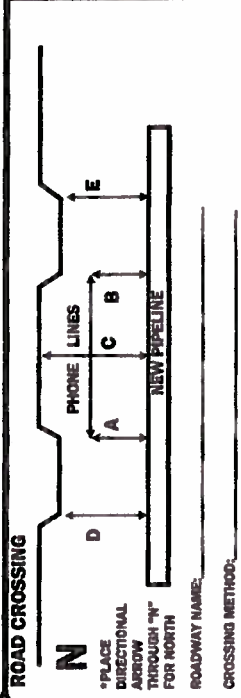
FLINT ENERGY SERVICES LTD. INTEGRATED INTEGRAL

Flint Quality Rep: [Signature] DATE(mm/dd/yy): 01/21/07
 Owner/Owner's Rep: _____ DATE(mm/dd/yy): _____

CROSSING REPORT
 P12 (08-04 REV 1)

CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER: 201180441 DATE (mm/dd/yy): 01/21/07
 PROJECT DESCRIPTION: 2" FIBERGLASS GROUP LINES
 LOCATION: 16-35-63-11
 DIAMETER OF NEW LINE (in/ mm): 2 1/4" 4mm
 DIAMETER OF EXISTING LINE: 2 1/2" 1mm
 OWNER OF EXISTED LINE: PENGROWTH CORPORATION
 PRE HYDRO-TEST REQUIRED: N/A PRE SIZING PIG REQUIRED: N/A
 HYDRO-TEST ACCEPTABLE: N/A SIZING ACCEPTABLE: N/A
 SECTION JERRED: N/A CASING REQUIRED: N/A
 TYPE OF SLEEVE: N/A
 OTHER: N/A



ITEM (SEE FIGURE)	MEASUREMENTS (in/ cm)		DESCRIPTION
	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	
A			COVER
B			COVER
C			AT CENTER LINE
D			AT BAR DITCH
E			AT BAR DITCH
F			BELOW CREEK BED
G1		<u>94"</u>	COVER
G2		<u>59"</u>	COVER
H		<u>27"</u>	COVER
I			SEPARATION

FLINT ENERGY SERVICES LTD. INTEGRATED INTEGRAL

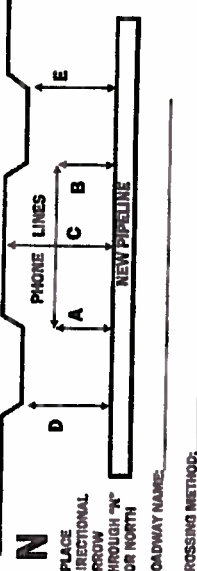
Flint Quality Rep: [Signature] DATE(mm/dd/yy): 02/04/07
 Owner/Owner's Rep: _____ DATE(mm/dd/yy): _____

CROSSING REPORT
 P12 (06-04 REV 1)

CROSSING DATA (COMPLETE AS APPLICABLE)			
FLINT PROJECT NUMBER:	201180441	DATE (mm/dd/yy):	02/04/07
PROJECT DESCRIPTION:	Dual 8" Fireglass Oil Effluent Pipelines		
LOCATION:	10-35-63-11		
DIAMETER OF NEW LINE (in/ mm):	28 214.4mm		
DIAMETER OF EXISTING LINE:	117.3mm		
OWNER OF CROSSED LINE:	PENGROWTH CORPORATION		
PRIE HYDRO-TEST REQUIRED:	N/A	PRIE SIZING PG REQUIRED:	N/A
HYDROTEST ACCEPTABLE:	N/A	SIZING ACCEPTABLE:	N/A
SECTION JEEED:	N/A	CASING REQUIRED:	N/A
TYPE OF SLEEVE:	N/A		
OTHER:	LINE # 116 LICENSE # 4218		

MEASUREMENTS (in/ cm)			
ITEM (SEE FIGURE)	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	DESCRIPTION
A			COVER
B			COVER
C			AT CENTER LINE
D			AT BAR DITCH
E			AT BAR DITCH
F			BELOW CREEK BED
G1			COVER
G2		158"	COVER
H		75"	COVER
I		75"	SEPARATION

ROAD CROSSING

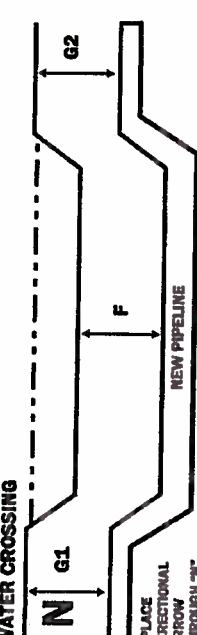


• PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

ROADWAY NAME: _____

CROSSING METHOD: _____

WATER CROSSING

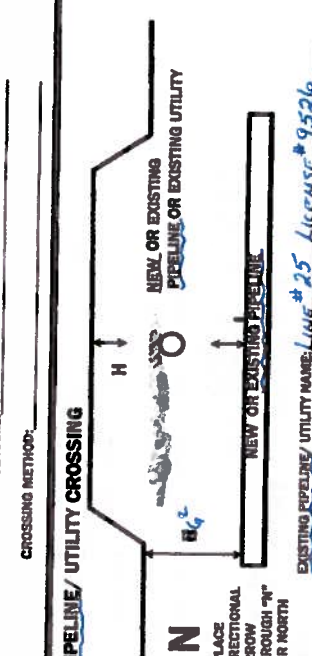


• PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

WATERCOURSE NAME: _____

CROSSING METHOD: _____

PIPELINE/ UTILITY CROSSING



• PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

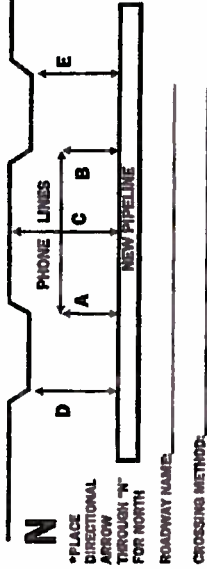
EXISTING PIPELINE/ UTILITY NAME: LINE # 25 LICENSE # 9526

FLINT ENERGY SERVICES LTD. INTEGRATED, INTEGRAL

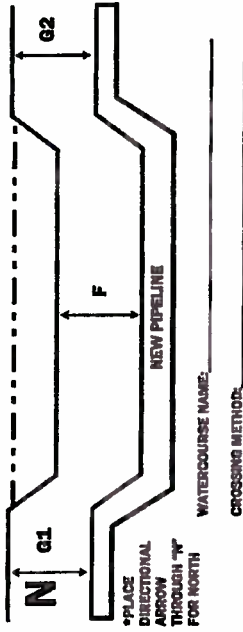
Flint Quality Rep: [Signature] DATE (mm/dd/yy) 08/04/08
 Owner/Owner's Rep: [Signature] DATE (mm/dd/yy) 08/04/08

CROSSING REPORT
 F12 (08-04 REV.1)

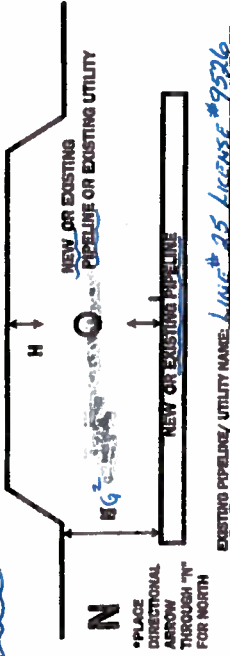
ROAD CROSSING



WATER CROSSING



PIPELINE/ UTILITY CROSSING



CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER:	201180441	DATE (mm/dd/yy):	02/04/07
PROJECT DESCRIPTION:	DUBU 8" FIBERGLASS OIL EFFLUENT PIPELINES		
LOCATION:	10-35-63-11		
DIAMETER OF NEW LINE (in/ mm):	214.3 mm		
DIAMETER OF EXISTING LINE:	117.3 mm		
OWNER OF CROSSED LINE:	PENGROWTH CORPORATION		
PRE HYDROTEST REQUIRED:	N/A	PRE SIZING PIG REQUIRED:	N/A
HYDROTEST ACCEPTABLE:	N/A	SIZING ACCEPTABLE:	N/A
SECTION JERRED:	N/A	CASING REQUIRED:	N/A
TYPE OF SLEEVE:	N/A		
OTHER:	LINE # 117 LICENSE #4218		

MEASUREMENTS (in/ cm)		DESCRIPTION
ITEM (SEE FIELD)	MEASUREMENT REQUIRED	
A		COVER
B		COVER
C		AT CENTER LINE
D		AT BAR DITCH
E		AT BAR DITCH
F		BELOW CREEK BED
G1		COVER
G2	153"	COVER
H	75"	COVER
I	75"	SEPARATION



FLINT ENERGY SERVICES LTD.

INTEGRATED. INTEGRAL

FLINT Quality Rep: [Signature]

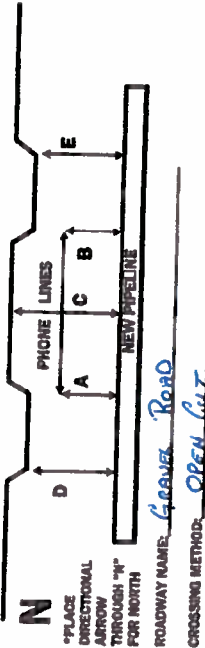
DATE (mm/dd/yy) 02/04/07

Owner/Owner's Rep: [Signature]

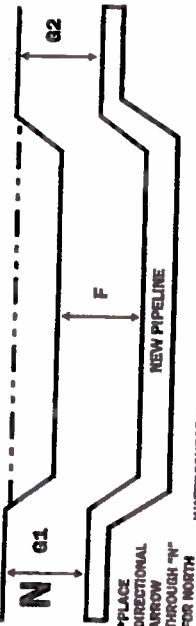
DATE (mm/dd/yy) 02/04/07

CROSSING REPORT

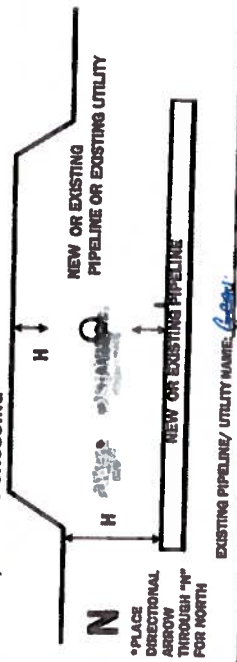
ROAD CROSSING



WATER CROSSING



PIPELINE/ UTILITY CROSSING



CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER: 201180441 DATE (mm/dd/yy): 02/04/07
PROJECT DESCRIPTION: DUAL 8" POLYETHYLENE GLASS ON EFFLUENT APPLINES
LOCATION: 10-35-63-11
DIAMETER OF NEW LINE (in/ mm): 8" 214.4mm
DIAMETER OF EXISTING LINE: ROAD
OWNER OF EXISTED LINE: PENNSBORO TOWN CORPORATION
PRE HYDRO-TEST REQUIRED: N/A PRE SIZING PIG REQUIRED: N/A
HYDRO-TEST ACCEPTABLE: N/A SIZING ACCEPTABLE: N/A
SECTION REEDED: N/A CASING REQUIRED: N/A
TYPE OF SLEEVE: N/A
OTHER: LINE #116 LICENSE #4218

ITEM (SEE FIGURE)	MEASUREMENTS (in/cm)		DESCRIPTION
	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	
A			COVER
B			COVER
C		119"	AT CENTER LINE
D		72"	AT BAR DITCH
E		89"	AT BAR DITCH
F			BELOW CREEK BED
G1			COVER
G2			COVER
H			COVER
I			SEPARATION

FLINT ENERGY SERVICES LTD. **INTEGRATED. INTEGRAL.**

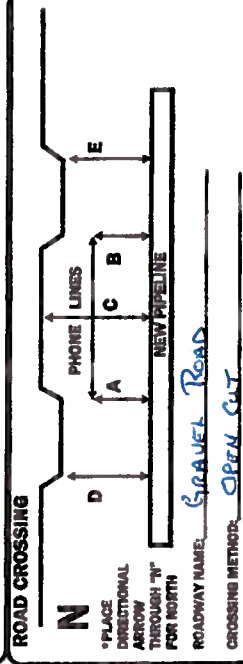
FLINT Quality Rep: [Signature] DATE(mm/dd/yy) 02/04/07
 Owner/Owner's Rep: _____ DATE(mm/dd/yy) _____

CROSSING REPORT
 P-21 (06-04 REV.0)

CROSSING DATA (COMPLETE AS APPLICABLE)			
FLINT PROJECT NUMBER:	201180441	DATE (mm/dd/yy):	02/04/07
PROJECT DESCRIPTION:	DUAL 8" FIBERGLASS ON EFFLUENT AIRLINES		
LOCATION:	10-35-63-11		
DIAMETER OF NEW LINE (in/mm):	214.4mm		
DIAMETER OF EXISTING LINE:	Road		
OWNER OF CROSSED LINE:	PENGROWTH CORPORATION		
PRIE HYDRO-TEST REQUIRED:	N/A	PRE SIZING PIG REQUIRED:	N/A
HYDROTEST ACCEPTABLE:	N/A	SIZING ACCEPTABLE:	N/A
SECTION JERRED:	N/A	CASING REQUIRED:	N/A
TYPE OF SLEEVE:	N/A		
OTHER:	LINE #117 LICENSE #4218		

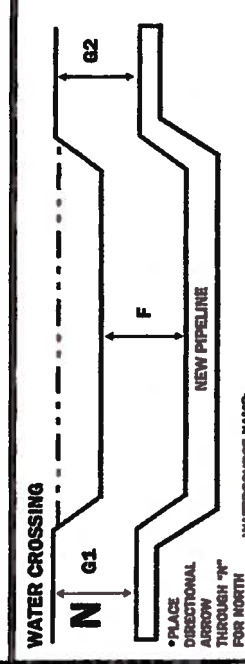
MEASUREMENTS (in/cin)			
ITEM (SEE FIGURE)	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	DESCRIPTION
A			COVER
B			COVER
C		119"	AT CENTER LINE
D		72"	AT BAR DITCH
E		89"	AT BAR DITCH
F			BELOW GREEN BED
G1			COVER
G2			COVER
H			COVER
I			SEPARATION

ROAD CROSSING



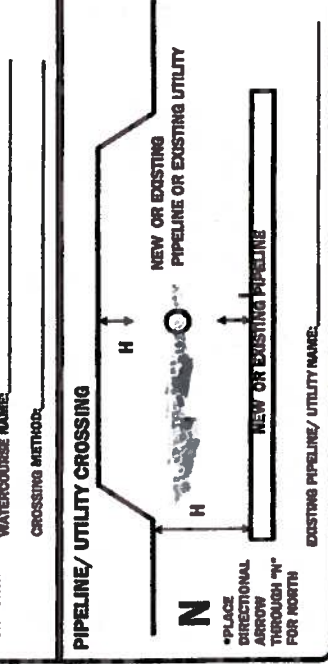
*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH
 ROADWAY NAME: GRAVEL ROAD
 CROSSING METHOD: OPEN CUT

WATER CROSSING



*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH
 WATERCOURSE NAME: _____
 CROSSING METHOD: _____

PIPELINE/ UTILITY CROSSING



*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH
 EXISTING PIPELINE/ UTILITY NAME: _____

FLINT ENERGY SERVICES LTD. INTEGRATED INTEGRAL

Flint Quality Rep: [Signature] DATE (mm/dd/yy): 02/04/07
 Owner/Owner's Rep: _____ DATE (mm/dd/yy): _____

CROSSING REPORT

ES-22 (06-04 REV/04)

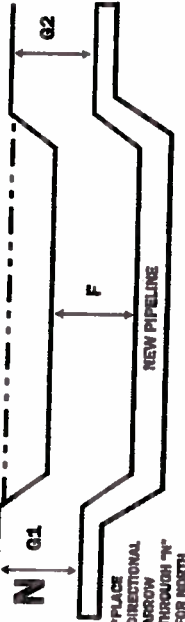
CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER: 201180441 DATE (mm/dd/yy): 02/04/07
 PROJECT DESCRIPTION: 8" FIBERGLASS CHLORIDE EFFLUENT PIPELINE
 LOCATION: 10-35-63-11
 DIAMETER OF NEW LINE (in/ mm): 214.4 mm
 DIAMETER OF EXISTING LINE: 60.3 mm
 OWNER OF CROSSED LINE: PENGROWTH CORPORATION
 PRE HYDRO-TEST REQUIRED: N/A PRE SIZING PIG REQUIRED: N/A
 HYDRO-TEST ACCEPTABLE: N/A SIZING ACCEPTABLE: N/A
 SECTION JERRED: N/A CASING REQUIRED: N/A
 TYPE OF SLEEVE: N/A
 OTHER: LUG # 117 LICENSE # 4218

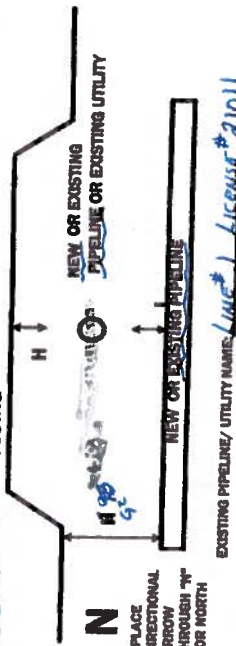
ROAD CROSSING



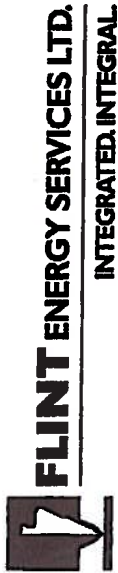
WATER CROSSING



PIPELINE/ UTILITY CROSSING



MEASUREMENTS (in/cm)		
ITEM (SEE FIGURE)	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL
A		COVER
B		COVER
C		AT CENTER LINE
D		AT BAR DITCH
E		AT BAR DITCH
F		BELOW CREEK BED
G1		COVER
G2		COVER
H		COVER
I		SEPARATION



FLINT Quality Rep: [Signature] DATE(mm/dd/yy) 02/04/07
 Owner/Owner's Rep: _____ DATE(mm/dd/yy) _____

CROSSING REPORT

REV. 10/99/04 REV. 1/01

CROSSING DATA (COMPLETE AS APPLICABLE)			
FLINT PROJECT NUMBER:	201180441	DATE (mm/dd/yy):	02/04/07
PROJECT DESCRIPTION:	Duct 8" Fiberglass On Cement Appurtenances		
LOCATION:	10-35-63-11		
DIAMETER OF NEW LINE (in / mm):	214.4 mm		
DIAMETER OF EXISTING LINE:	168.3 mm		
OWNER OF CROSSED LINE:	PENGOWITH COOPERATION		
PRE HYDRO-TEST REQUIRED:	N/A	PRE SIZING PIG REQUIRED:	N/A
HYDRO-TEST ACCEPTABLE:	N/A	SIZING ACCEPTABLE:	N/A
SECTION JERRED:	N/A	CASING REQUIRED:	N/A
TYPE OF SLEEVE:	N/A		
OTHER:	LINE #17 LICENSE # 4218		

MEASUREMENTS (in/cm)			
ITEM (SEE FIGURE)	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	DESCRIPTION
A			COVER
B			COVER
C			AT CENTER LINE
D			AT BAR DITCH
E			AT BAR DITCH
F			BELOW CREEK BED
G1			COVER
G2		91"	COVER
H		72"	COVER
I		13"	SEPARATION

ROAD CROSSING

• PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

ROADWAY NAME: _____

CROSSING METHOD: _____

WATER CROSSING

• PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

WATERCOURSE NAME: _____

CROSSING METHOD: _____

PIPELINE / UTILITY CROSSING

• PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

EXISTING PIPELINE / UTILITY NAME: LINE # 7 LICENSE # 21068



FLINT ENERGY SERVICES LTD.

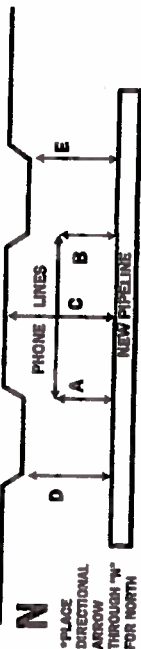
INTEGRATED, INTEGRAL

FLINT Quality Rep: [Signature] DATE (mm/dd/yy) 02/04/07
Owner/Owner's Rep: _____ DATE (mm/dd/yy) _____

CROSSING REPORT

FD-221 (06/04 REV. 01)

ROAD CROSSING

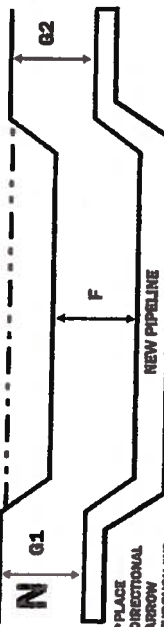


*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

ROADWAY NAME: _____

CROSSING METHOD: _____

WATER CROSSING

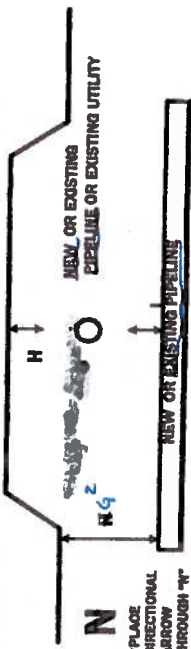


*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

WATERCOURSE NAME: _____

CROSSING METHOD: _____

PIPELINE/ UTILITY CROSSING



*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

EXISTING PIPELINE/ UTILITY NAME: LINE #2 LICENSE # 21883

CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER: <u>20180441</u>	DATE (mm/dd/yy): <u>02/04/07</u>
PROJECT DESCRIPTION: <u>2" 8" FIBERGLASS C/A EFFLUENT PIPES</u>	
LOCATION: <u>10-35-63-11</u>	
DIAMETER OF NEW LINE (in/ mm): <u>214.4mm</u>	
DIAMETER OF EXISTING LINE: <u>168.3mm</u>	
OWNER OF EXISTING LINE: <u>PENGROWTH CORPORATION</u>	
PRIE HYDRO-TEST REQUIRED: <u>N/A</u>	PRIE SIZING PIG REQUIRED: <u>N/A</u>
HYDRO-TEST ACCEPTABLE: <u>N/A</u>	SIZING ACCEPTABLE: <u>N/A</u>
SECTION JERRED: <u>N/A</u>	CASING REQUIRED: <u>N/A</u>
TYPE OF SLEEVE: <u>N/A</u>	
OTHER: <u>LINE #17 LICENSE # 9215</u>	

MEASUREMENTS (in/ cm)		
ITEM SETTING	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL
A		COVER
B		COVER
C		AT CENTER LINE
D		AT BAR DITCH
E		AT BAR DITCH
F		BELOW CREEK BED
G1		COVER
G2		COVER
H		COVER
I		SEPARATION

FLINT ENERGY SERVICES LTD. INTEGRATED. INTEGRAL

FLINT Quality Rep: [Signature] DATE(mm/dd/yy) 02/04/07
 Owner/Owner's Rep: [Signature] DATE(mm/dd/yy) _____

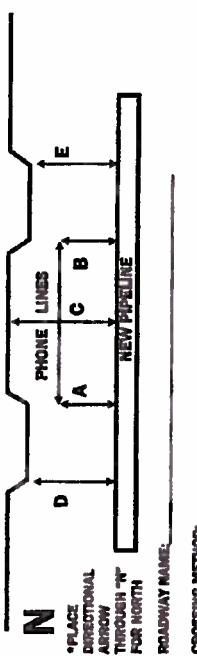
CROSSING REPORT

REVISED

CROSSING DATA (COMPLETE AS APPLICABLE)			
FLINT PROJECT NUMBER:	201180441	DATE (mm/dd/yy):	02/04/07
PROJECT DESCRIPTION:	NEW 8" FIREARREST OR EXISTING PIPELINE		
LOCATION:	10-35-63-11		
DIAMETER OF NEW LINE (in/ mm):	214.4 mm		
DIAMETER OF EXISTING LINE:	114.3 mm		
OWNER OF CROSSED LINE:	PENGROWTH CORPORATION		
PRE HYDRO-TEST REQUIRED:	ALL	PRE SIZING PIG REQUIRED:	ALL
HYDRO-TEST ACCEPTABLE:	ALL	SIZING ACCEPTABLE:	ALL
SECTION JERRED:	ALL	CASING REQUIRED:	ALL
TYPE OF SLEEVE:	ALL		
OTHER:	LINE #17 LICENSE #4218		

MEASUREMENTS (in/cm)			
ITEM (SEE FIGURE)	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	DESCRIPTION
A			COVER
B			COVER
C			AT CENTER LINE
D			AT BAR DITCH
E			AT BAR DITCH
F			BELOW CREEK BED
G1			COVER
G2		115 1/2"	COVER
H		60"	COVER
I		43 1/2"	SEPARATION

ROAD CROSSING

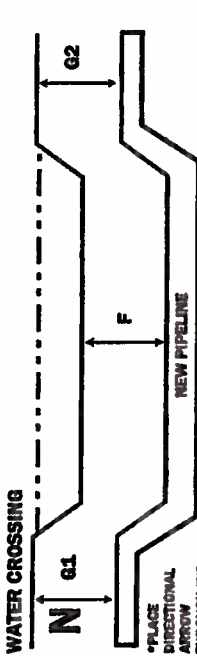


*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

ROADWAY NAME: _____

CROSSING METHOD: _____

WATER CROSSING

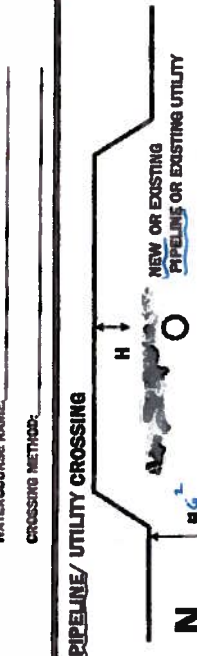


*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

WATERCOURSE NAME: _____

CROSSING METHOD: _____

PIPELINE/ UTILITY CROSSING



*PLACE DIRECTIONAL ARROW THROUGH "N" FOR NORTH

EXISTING PIPELINE/ UTILITY NAME: LINE #1 LICENSE #21883

FLINT ENERGY SERVICES LTD. INTEGRATED, INTEGRAL

FLINT Quality Rep: _____ DATE (mm/dd/yy): 02/12/07
 Owner/Owner's Rep: _____ DATE (mm/dd/yy): _____

CROSSING REPORT

PI-2 (08-04 REV'D)

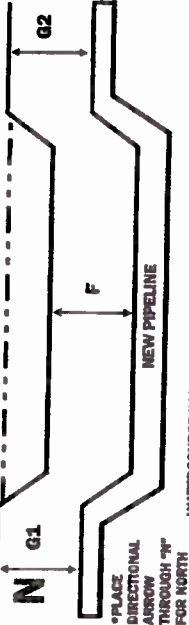
CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER: 201180441 DATE (mm/dd/yy): 02/12/07
 PROJECT DESCRIPTION: DUAL 8" FORCE MAIN ON EFFLUENT PIPELINES
 LOCATION: 38-35-63-11
 DIAMETER OF NEW LINE (in/ mm): 214.4 mm
 DIAMETER OF EXISTING LINE: ROAD
 OWNER OF CROSSED LINE: PENGROWTH COOPERATION
 PRE HYDRO-TEST REQUIRED: N/A PRE SIZING PIG REQUIRED: N/A
 HYDRO-TEST ACCEPTABLE: N/A SIZING ACCEPTABLE: N/A
 SECTION JEEPEE: N/A CASING REQUIRED: N/A
 TYPE OF SLEEVE: N/A
 OTHER: LINE #116 LICENSE #4218

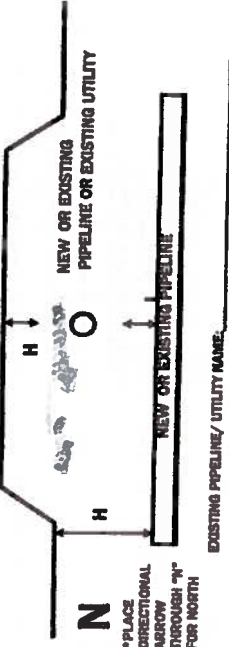
ROAD CROSSING



WATER CROSSING



PIPELINE/ UTILITY CROSSING



ITEM (SEE FIGURE)		MEASUREMENTS (in/ cm)		DESCRIPTION
A	B	MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	
A	B			COVER
C	D		84"	COVER
E	F		78"	AT CENTER LINE
G1	H		72"	AT BAR DITCH
G2	I			AT BAR DITCH
				BELOW CREEK BED
				COVER
				COVER
				COVER
				SEPARATION



FLINT ENERGY SERVICES LTD.

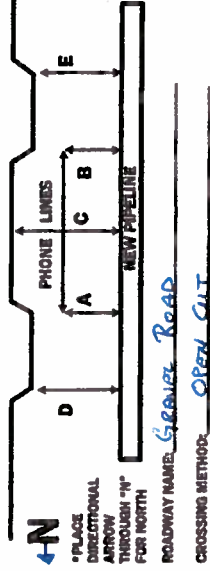
INTEGRATED, INTEGRAL

FLINT Quality Rep: [Signature] DATE(mm/dd/yy) 02/12/07
Owner/Owner's Rep: [Signature] DATE(mm/dd/yy) _____

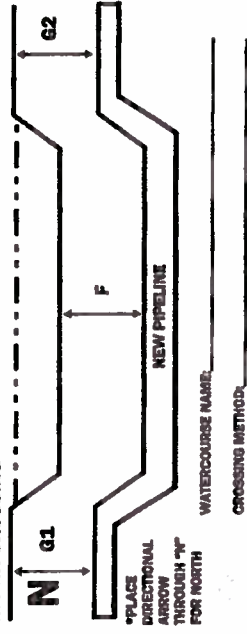
CROSSING REPORT

812 (06-04 REV 01)

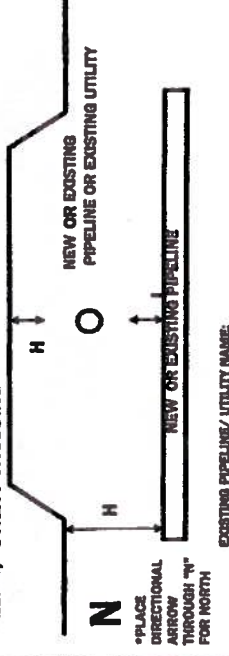
ROAD CROSSING



WATER CROSSING



PIPELINE/ UTILITY CROSSING



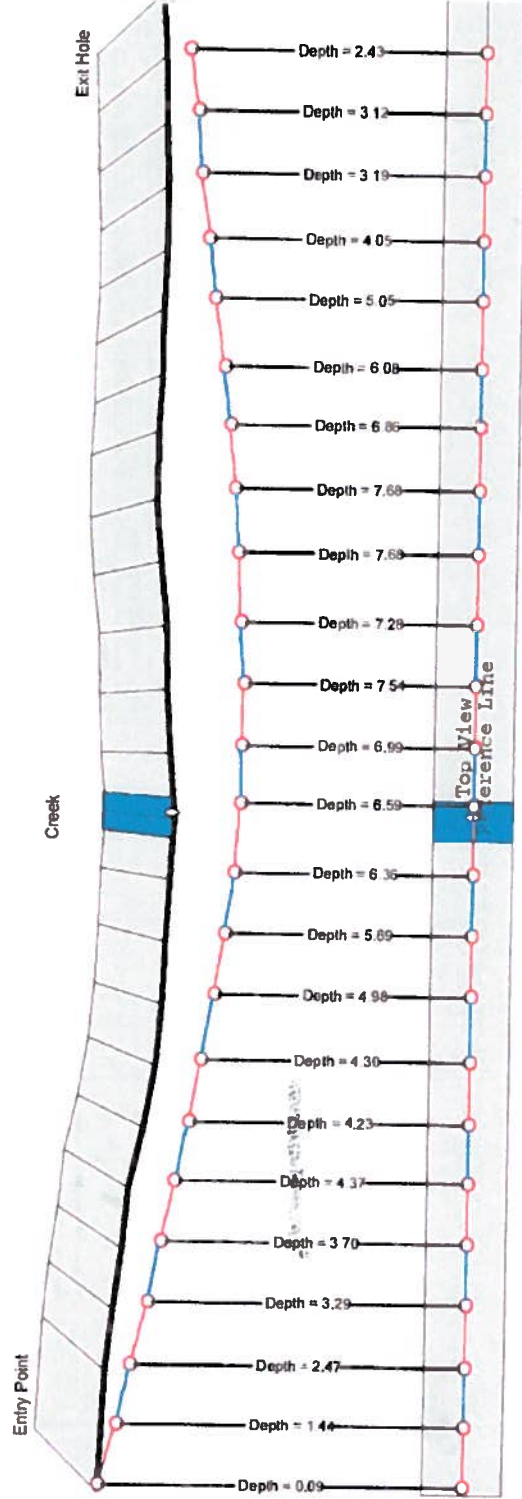
CROSSING DATA (COMPLETE AS APPLICABLE)

FLINT PROJECT NUMBER:	20180441	DATE (mm/dd/yy):	02/12/07
PROJECT DESCRIPTION:	Dual 8" Fiberglass On Cement Pipelines		
LOCATION:	8-35-63-11		
DIAMETER OF NEW LINE (in/ mm):	214.4 mm		
DIAMETER OF EXISTING LINE:	ROAD		
OWNER OF EXISTING LINE:	PENGROWTH CORPORATION		
PRE HYDRO-TEST REQUIRED:	N/A	PRE SIZING PIG REQUIRED:	N/A
HYDROTEST ACCEPTABLE:	N/A	SIZING ACCEPTABLE:	N/A
SECTION JERRED:	N/A	CASING REQUIRED:	N/A
TYPE OF SLEEVE:	N/A		
OTHER:	Line #117 License #4218		

ITEM (SEE FIGURE)		MEASUREMENTS (in/ cm)		DESCRIPTION
		MEASUREMENT REQUIRED	MEASUREMENT ACTUAL	
A				COVER
B				COVER
C			84"	AT CENTER LINE
D			78"	AT BAR DITCH
E			72"	AT BAR DITCH
F				BELOW CREEK BED
G1				COVER
G2				COVER
H				COVER
I				SEPARATION

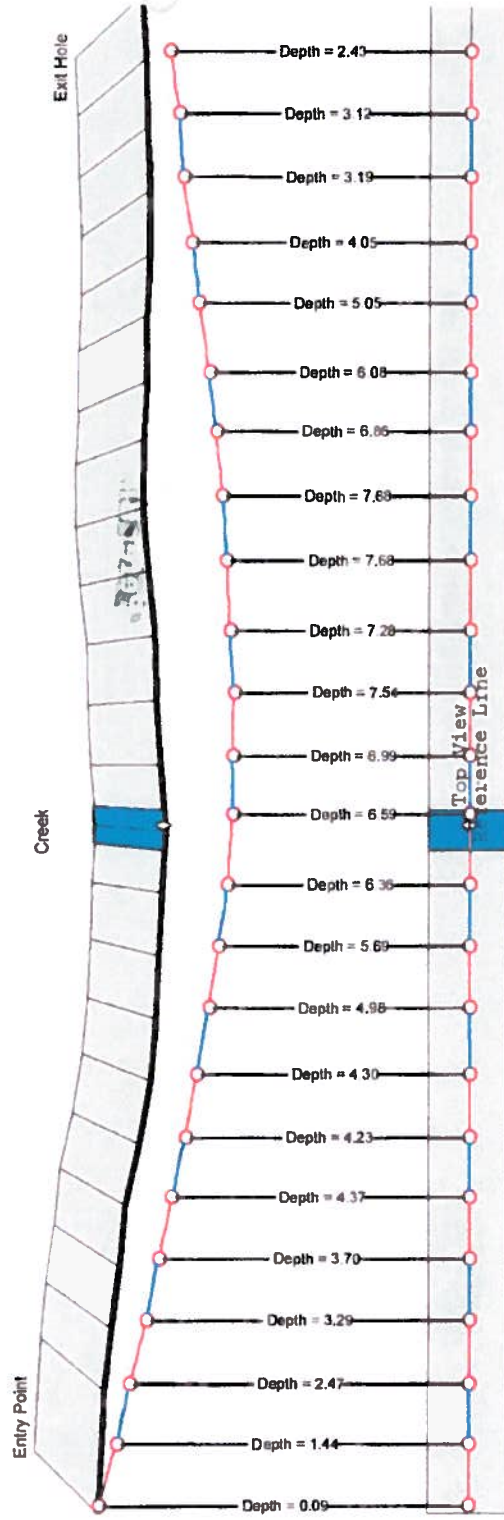


**Pengrowth
Creek Crossing
Feb 3 / 07**
Bore Length: 82 meters
Pipe Size: 12 Inch
Reamer: 20 Inch
Profile completed by:
[Redacted]





Pengrowth
Feb 4 / 07
Creek Crossing
Bore Length: 93 meters
Pipe Size: 12 inch
Reamer: 20 inch
Profile completed by:
[Redacted Name]





Crossing Name: Creek crossing

Date: Jan 15/07

LSD: 13-36-63-11 Creek Crossing

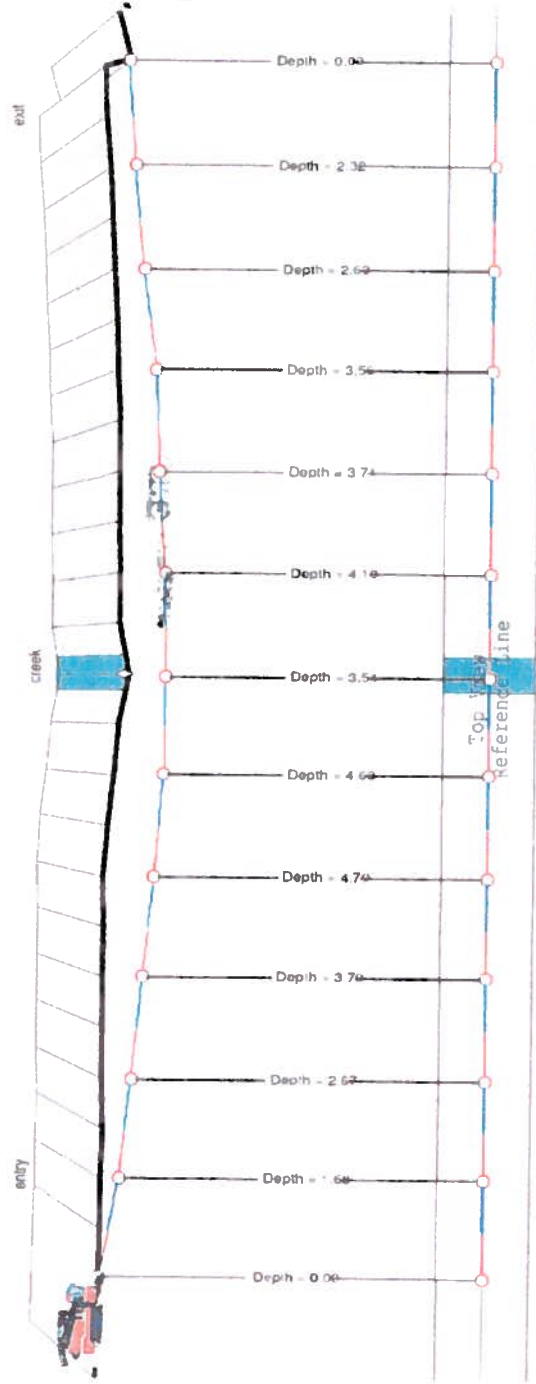
Bore Length: 104 meters

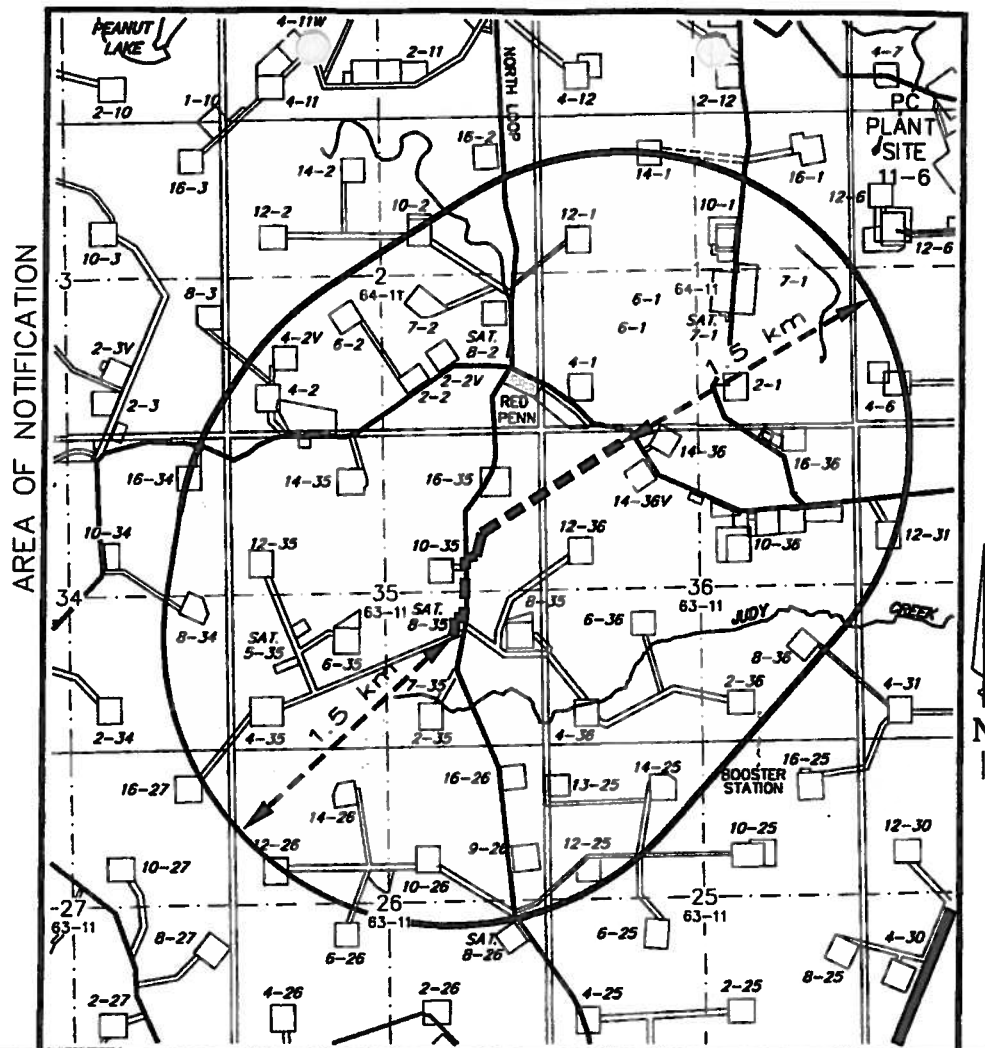
Pipe Diameter: 12 inches

Reamer Size: 20 inches

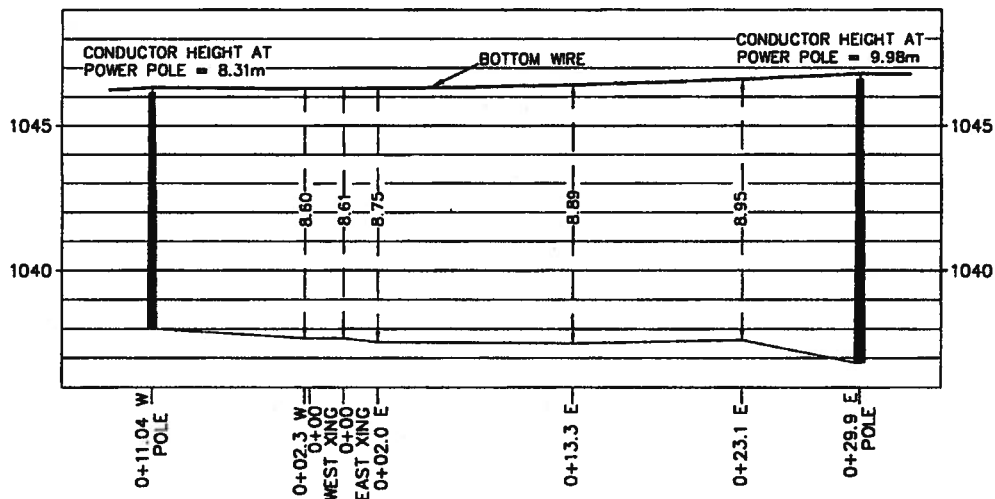
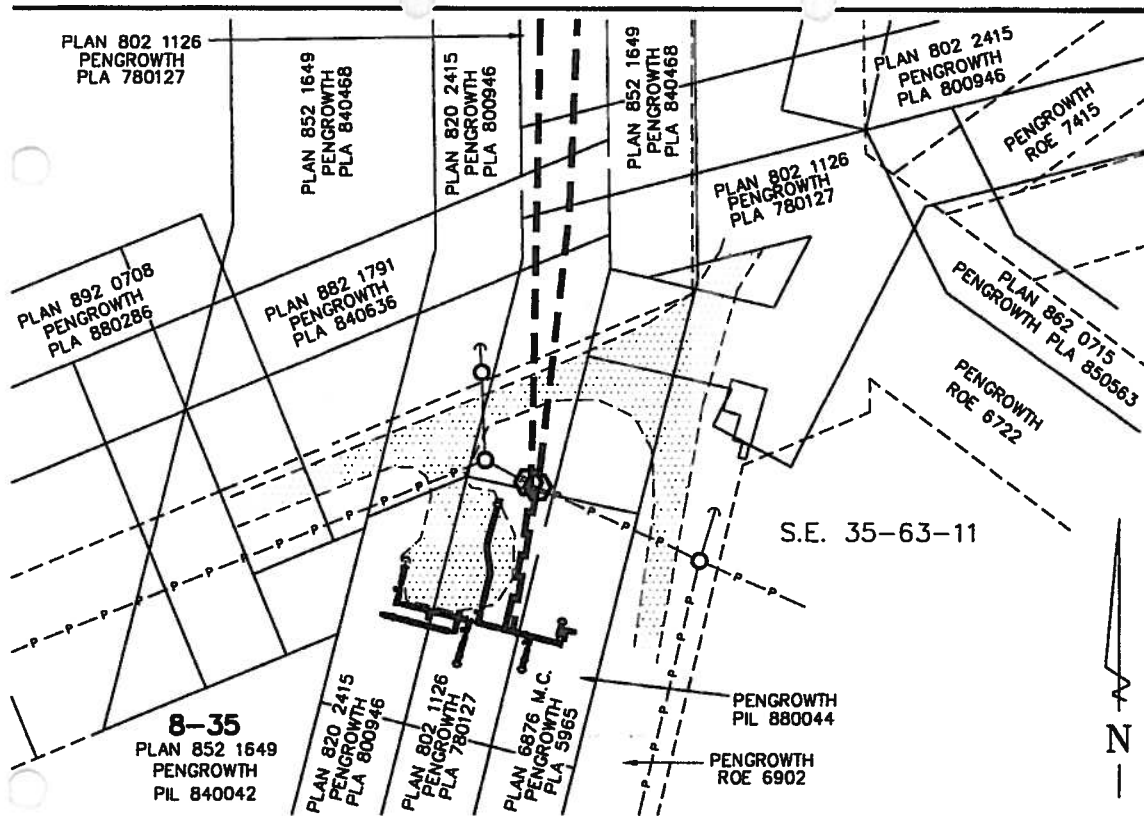
Crew: D-30

Profile Completed by: [REDACTED]





PENGROWTH DRAWING No: 68920



0	ORIGINAL DRAWING.	EV	06/05/15	20600133	TY
No.	REVISIONS	BY	Y/M/D	FILE	Ck'd

REVISION TABLE

NOTES:

CROSSING SHOWN THUS:

POWERLINE SHOWN THUS:

POWERPOLE SHOWN THUS:

GRAVEL ACCESS ROAD SHOWN THUS:

PROPOSED PIPELINE THUS:

ALL DISTANCES ARE IN METERS AND DECIMALS THEREOF.
AMBIENT TEMPERATURE AT TIME OF READING WAS +10° C



PENGROWTH

PENGROWTH CORPORATION

OPERATING AREA: JUDY CREEK
PLAN TYPE: ATCO ELECTRIC
POWERLINE CROSSING
FACILITY TYPE: OIL WELL EFFLUENT GROUPLINE
IN: 08-35-63-11-W5M
PLAN: 1 OF 1

PALS SURVEYS AND ASSOCIATES LTD.

PH: 780-778-5559

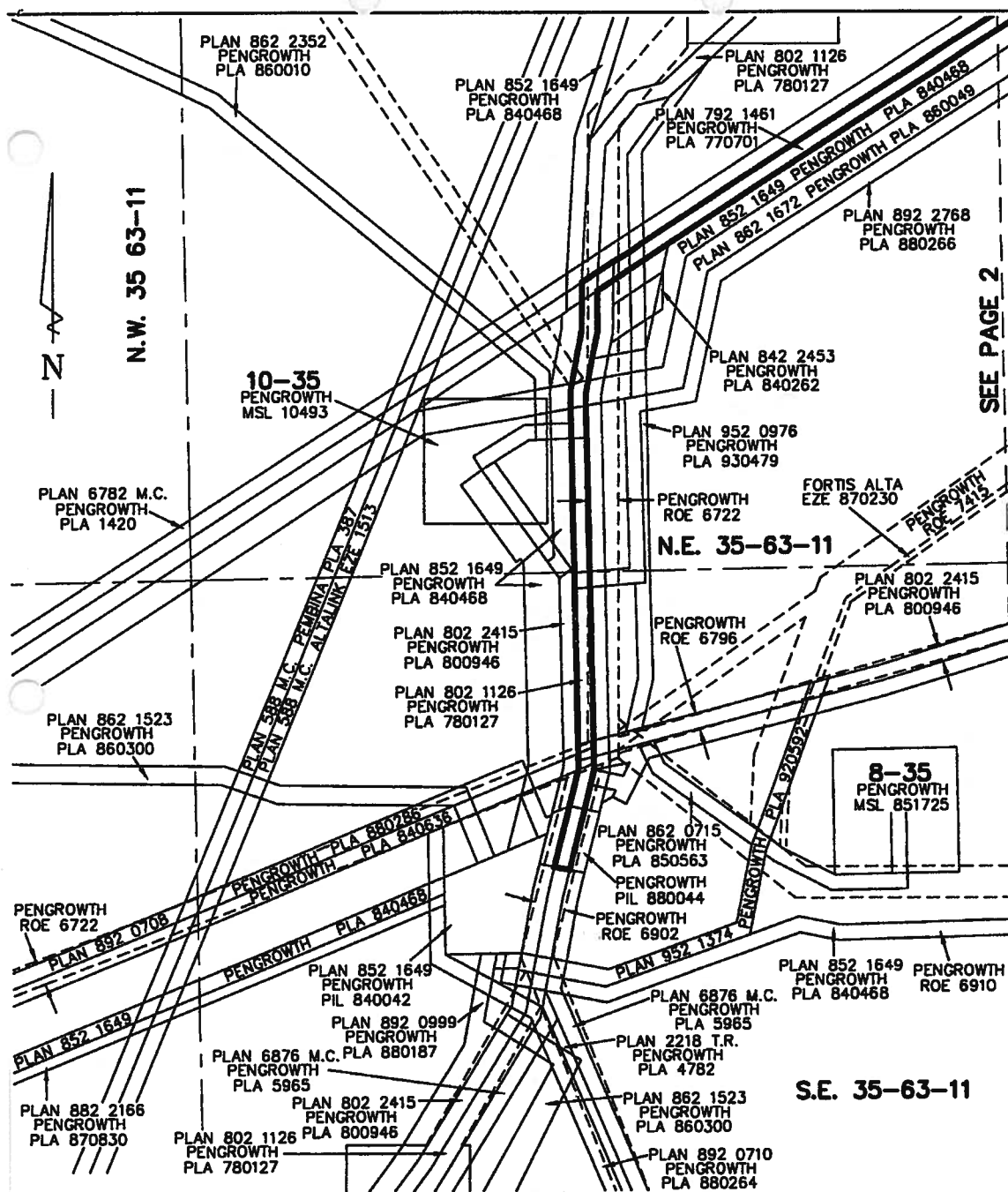
FAX: 780-778-4326

SCALE - 1:1000

DATE: MAY 15/06

REV. NO.: 0

DWG NO.: 68941



PENGROWTH

PENGROWTH CORPORATION

DRAWING REVIEW

SURVEY COORDINATOR

TASHIA ERICKSON
PROJECT ENGINEER

OPERATING AREA: JUDY CREEK
PLAN TYPE: RE-ENTRY INTO PLA 780127
AND PLA 770701
FACILITY TYPE: OIL WELL EFFLUENT GROUPLINE
FOR: 08-35-63-11 TO 13-36-63-11 WSM

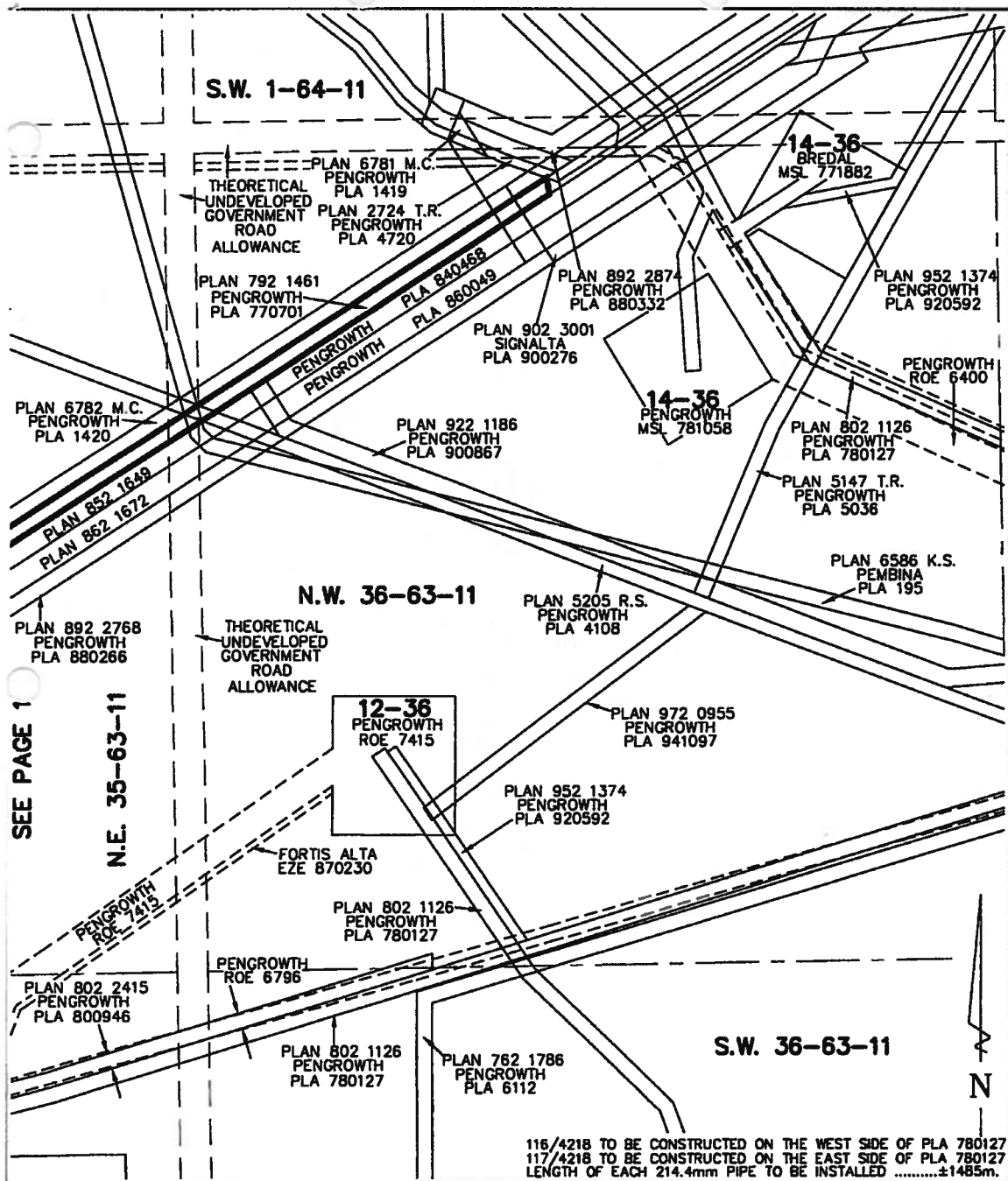
0	ORIGINAL DRAWING.	MAY 11/08	EV	TY
NO.	REVISION	DATE	CAD	CKD.


LEGEND

PORTION REFERRED TO BOUNDED THUS. . . .

PALS SURVEYS AND ASSOCIATES LTD.
PH: 780-778-5559 FAX: 780-778-4326

SCALE: 1 : 5000	DATE: MAY 11/06	DWG. NO.: 68921	JOB NO.: 20600133	REV.: 0	1 of 2
--------------------	--------------------	--------------------	----------------------	------------	--------



 PENGROWTH CORPORATION					
PIPE SPECIFICATION		LEGEND		PIPE SPECIFICATION	
LINE/LICENSE: 117/4218 SUBSTANCE: OIL EFFLUENT GROUPLINE DESIGN CODE: CSA 2882-03 OUTSIDE DIAMETER: 214.4mm WALL THICKNESS: 8.90mm PIPE MATERIAL: ALIPHATIC AMINE FRP STAR SERIES 1250 H2S MOLE % (SW/SOUR): 0.00% SWEET WELD PROCEDURE: N/A DESIGN TEMPERATURE: 93°C/-29°C MAXIMUM OPERATING PRESSURE: 3450 Kpa HYDRO TEST PRESSURE & DURATION: 4313 Kpa/24 HOURS NDE REQUIRED: N/A COATING (INTERNAL/EXTERNAL): N/A FLATION: N/A AT TREAT: N/A STRESS LEVEL: N/A CATHODIC PROTECTION: N/A TRACER WIRE: YES - 10 GAUGE		PIPELINE AREA BOUNDED THUS		LINE/LICENSE: 116/4218 SUBSTANCE: OIL EFFLUENT GROUPLINE DESIGN CODE: CSA 2882-03 OUTSIDE DIAMETER: 214.4mm WALL THICKNESS: 8.90mm PIPE MATERIAL: ALIPHATIC AMINE FRP STAR SERIES 1250 H2S MOLE % (SW/SOUR): 0.00% SWEET WELD PROCEDURE: N/A DESIGN TEMPERATURE: 93°C/-29°C MAXIMUM OPERATING PRESSURE: 3450 Kpa HYDRO TEST PRESSURE & DURATION: 4313 Kpa/24 HOURS NDE REQUIRED: N/A COATING (INTERNAL/EXTERNAL): N/A INSULATION: N/A HEAT TREAT: N/A STRESS LEVEL: N/A CATHODIC PROTECTION: N/A TRACER WIRE: YES - 10 GAUGE	
PALS SURVEYS AND ASSOCIATES LTD. PH: 780-778-5559 FAX: 780-778-4326		SCALE: 1 : 5000	DATE: MAY 11/06	DWG. NO.: 68921	JOB NO.: 20600133
				REV.: 0	2 of 2

Field Notes

Date: JAN. 30 / 2007

Time Taken: _____

15 MIN

15 MIN

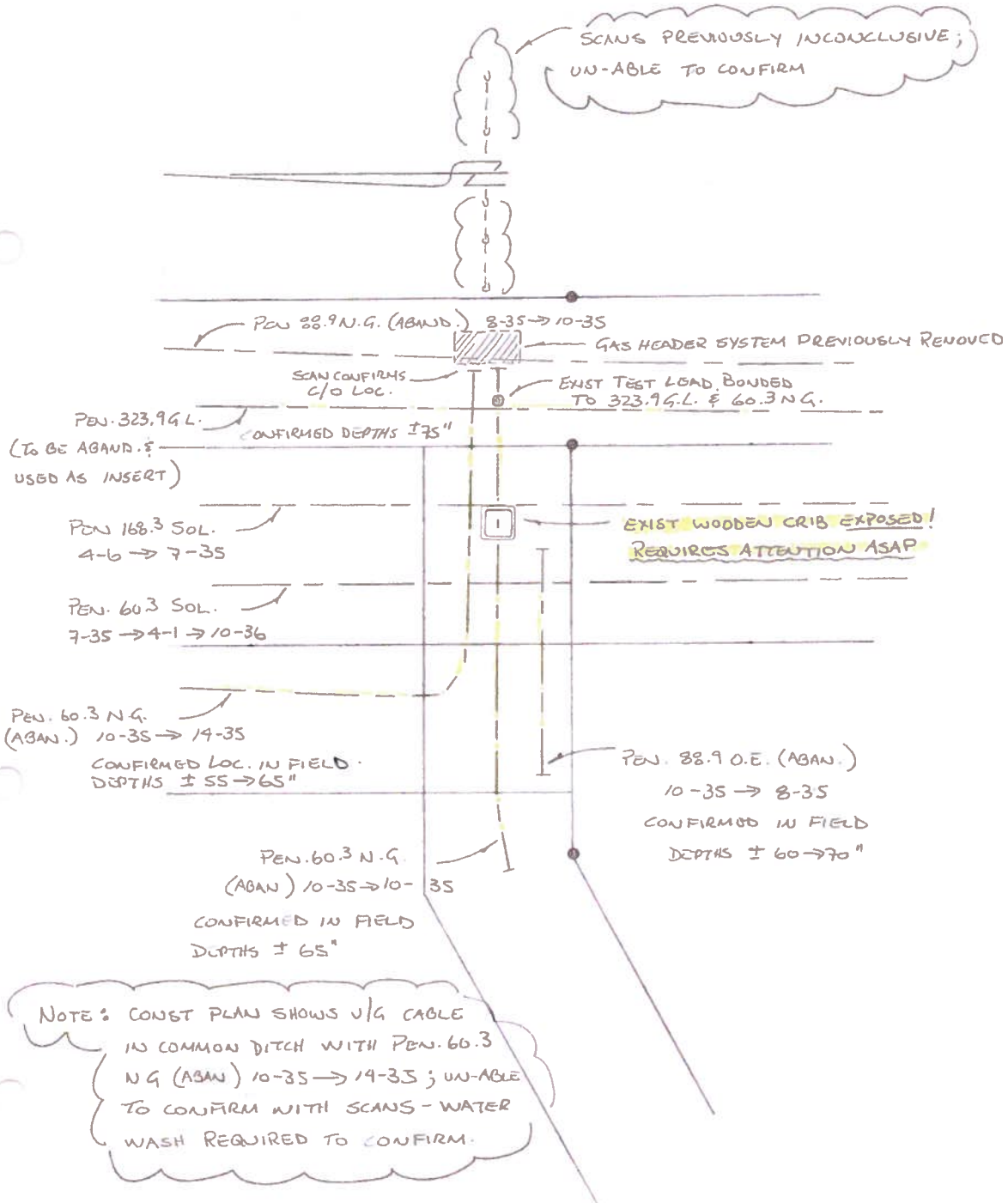
Weather: SUNNY, WIND FROM WEST - 5°C

Lot: _____ Block: _____

Plan: DWG # 64229 REV. # 10

Civic Address: 10-35-63-11-WS

Stage of Construction: CONST



Guy's Backhoe Service Inc.

Line Locating

Swan Hills, Alberta

Ph: (780) 333-4352



Locate Report

Co: _____

Loc: _____

Date: _____

Initials: _____

Comments: _____

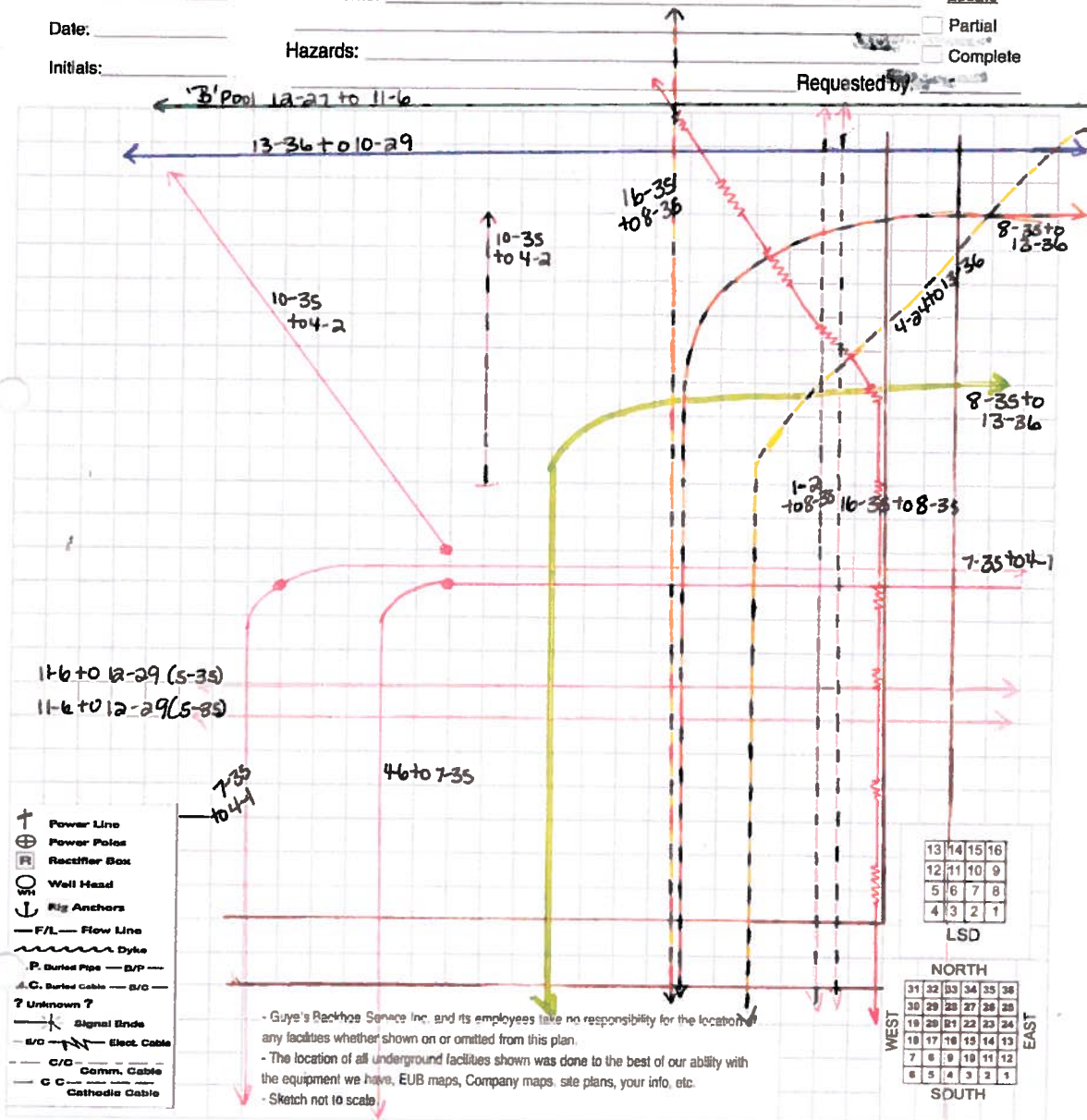
Hazards: _____

Locate

Partial

Complete

Requested by: _____



Guy's Backhoe Service Inc.

Line Locating

Swan Hills, Alberta

Ph: (780) 333-4352



Co: Pengrowth

Locate Report

Loc: 13-36 to 10-35-65 Comments: locate pipeline corridor for pipeline construction

Date: Jan 2, 2007

Hazards:

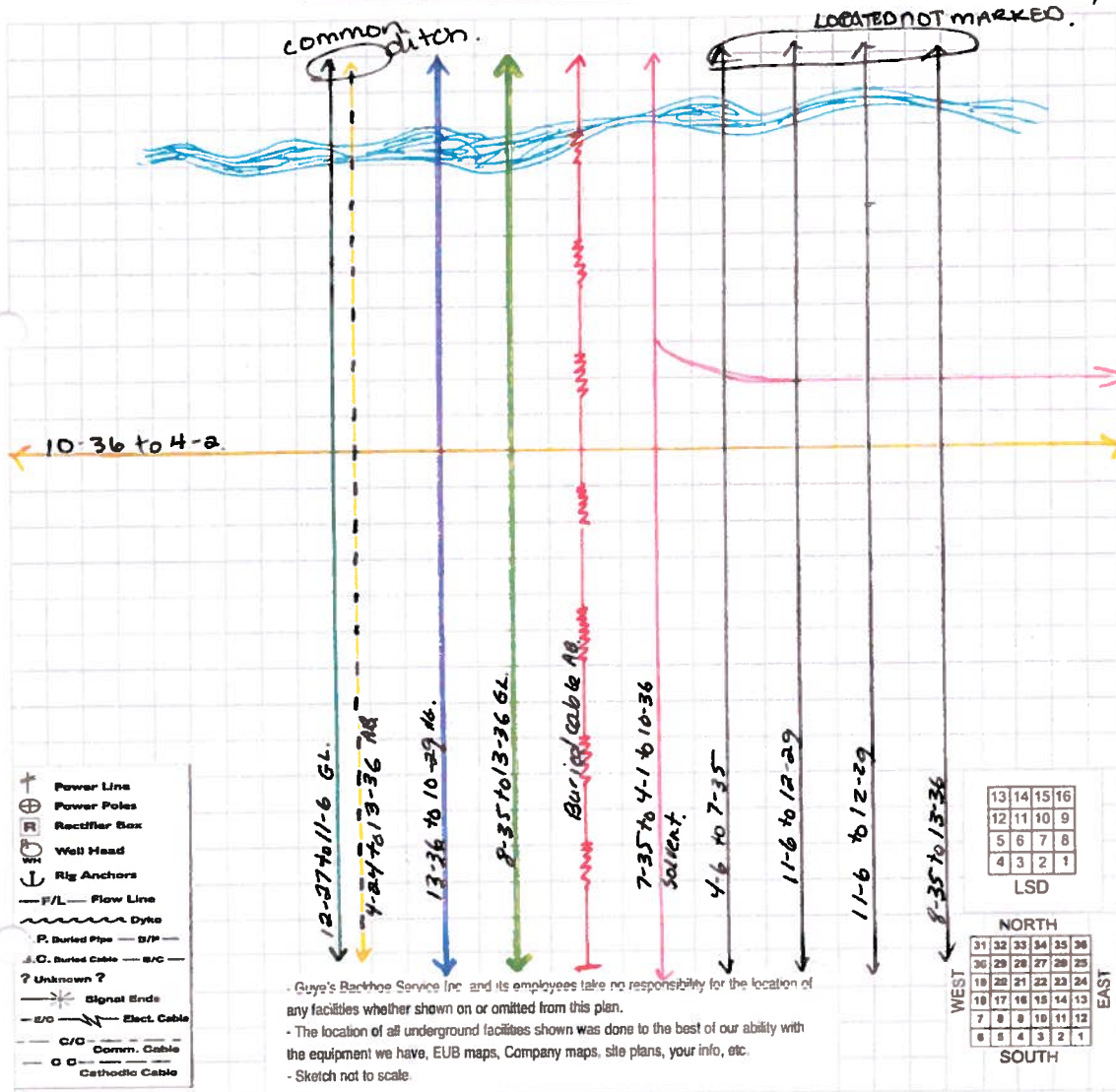
Locate

☒ Partial

Complete

Initials: [Signature]

Requested by: [Signature]



Guy's Backhoe Service Inc.

Line Locating

Swan Hills, Alberta

Ph: (780) 333-4352



Locate Report

Co: Enroute

Loc: 13-26-63-11

Date: Feb 7/92

Initial: W.T.H. R.D.

Comments: Locate pipelines in area for E-Mac

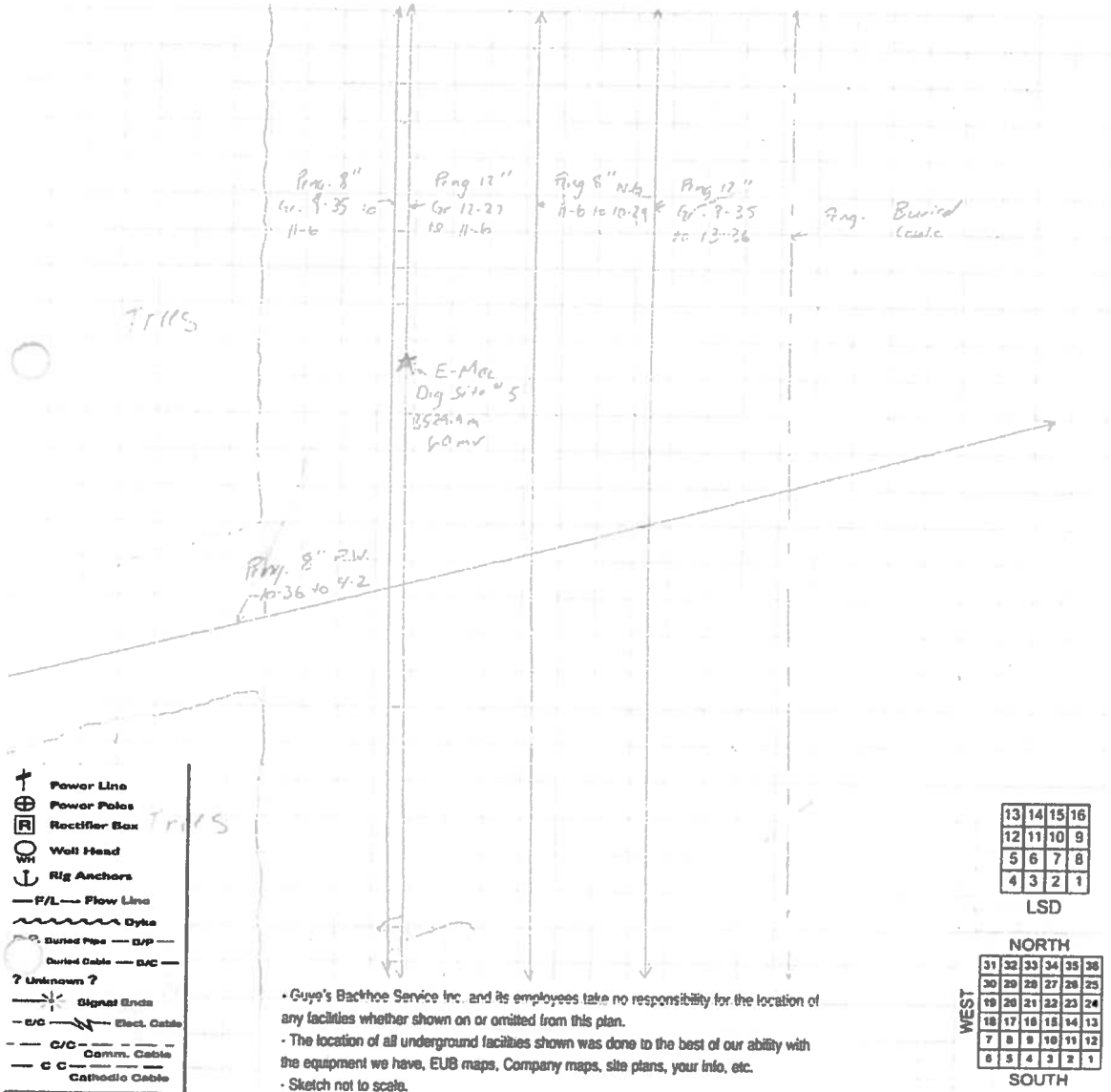
Locate

☐ Partial

Hazards: 3529.9 mV 60 mV

☒ Complete

Requested by: Mike K.



Ph: (780) 333-4352



Locate Report

LOC: 35-131

Date: July 22 1964

Initials: W

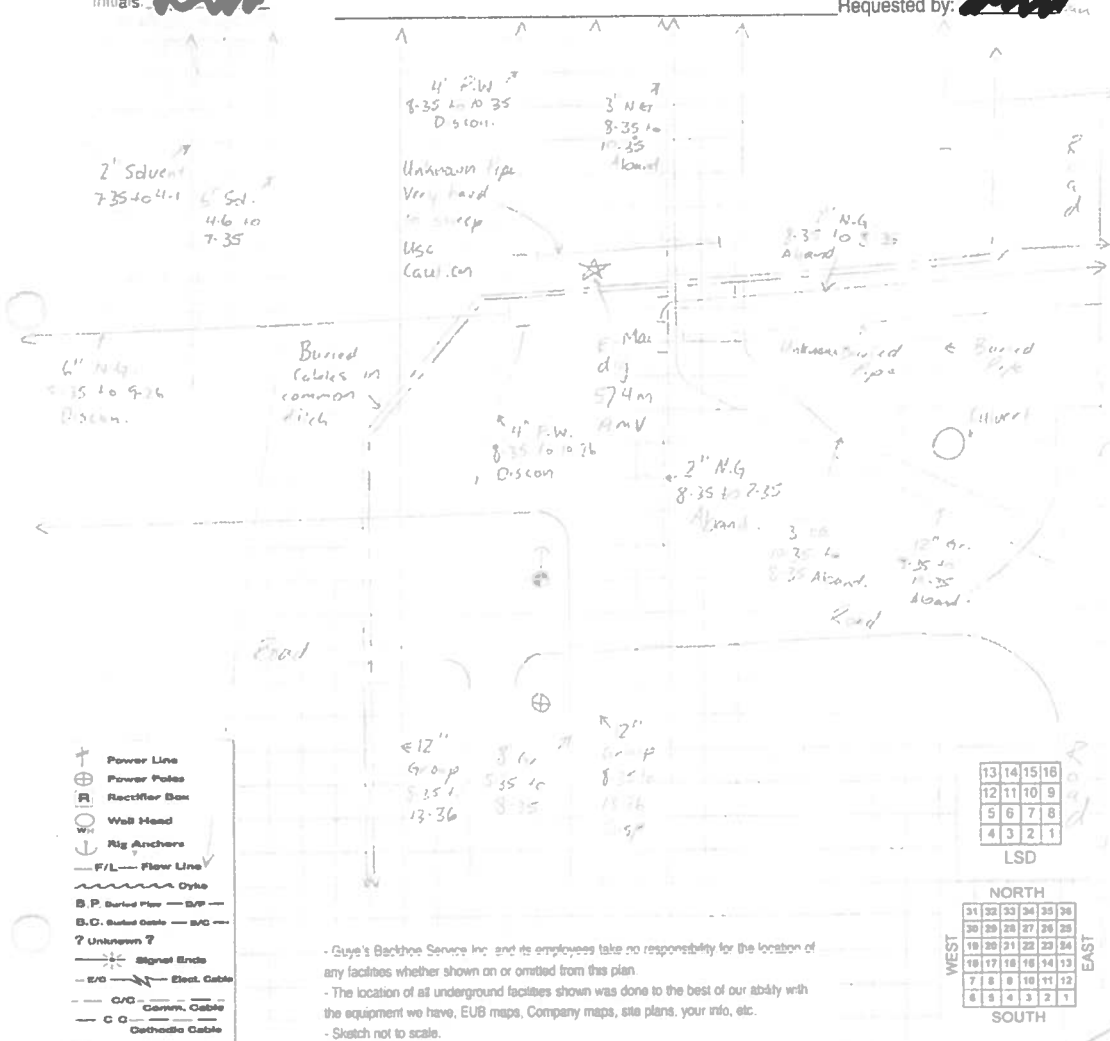
Comments: Second grade run in morning train

Hazards: _____

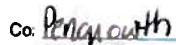
Requested by: [REDACTED]

Locate

Partial

☐ Complete

Ph: (780) 333-4352



Loc. 13-136-63-11WS

Date: May 16, 05

Initials: **WJ**

Comments: and locate to dig up 8-35 to 13-36

group line Riser Line 6/14/94 AFC # 506021

Hazards: Marked Hydrotac Holes

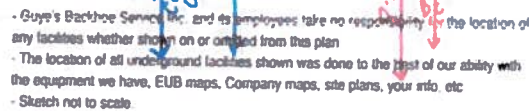
Talus running along road

Locate

Partial

Complete

Requested by:



Guye's Backhoe Service Inc.

Line Locating



Co: Pengrowth
 Loc: H-35-63-11
 Date: Jan 10/03
 Initials: [Signature]

8" Prod. Water
 Line - E-Mac
 Digs.

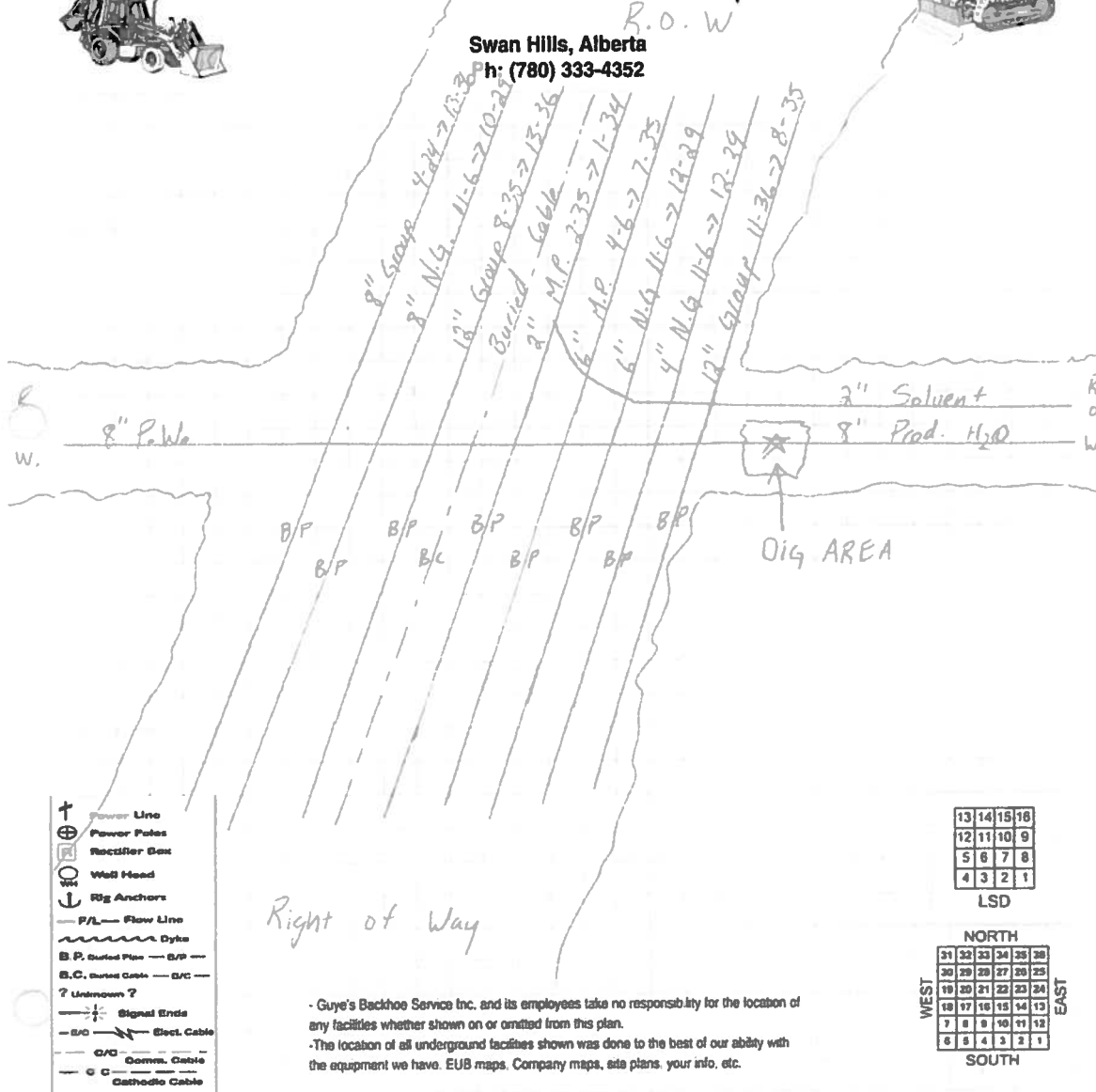


Pipe & Cable Tracing
 Hand Exposing Crews

NORTH



Swan Hills, Alberta
 h: (780) 333-4352



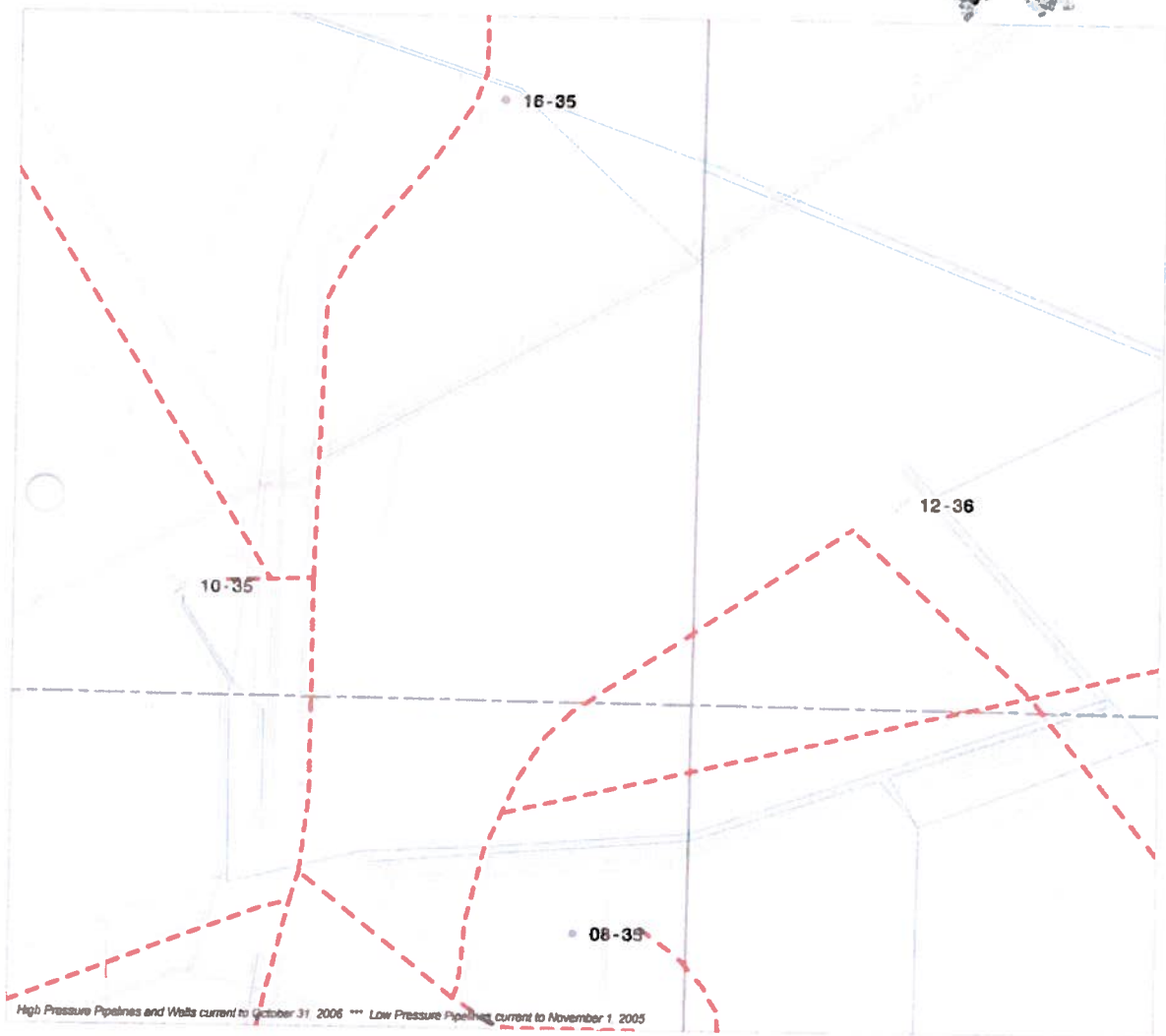
+	Power Line
⊕	Power Poles
⊞	Rectifier Box
⊙	Well Head
⌵	Rig Anchor
—	F/L — Flow Line
~~~~~	Dyke
B.P.	Buried Pipe — B/P
B.C.	Buried Cable — B/C
?	Unknown ?
—	Signal Ends
—	E/C — Elect. Cable
—	C/C — Comm. Cable
—	Cathodic Cable

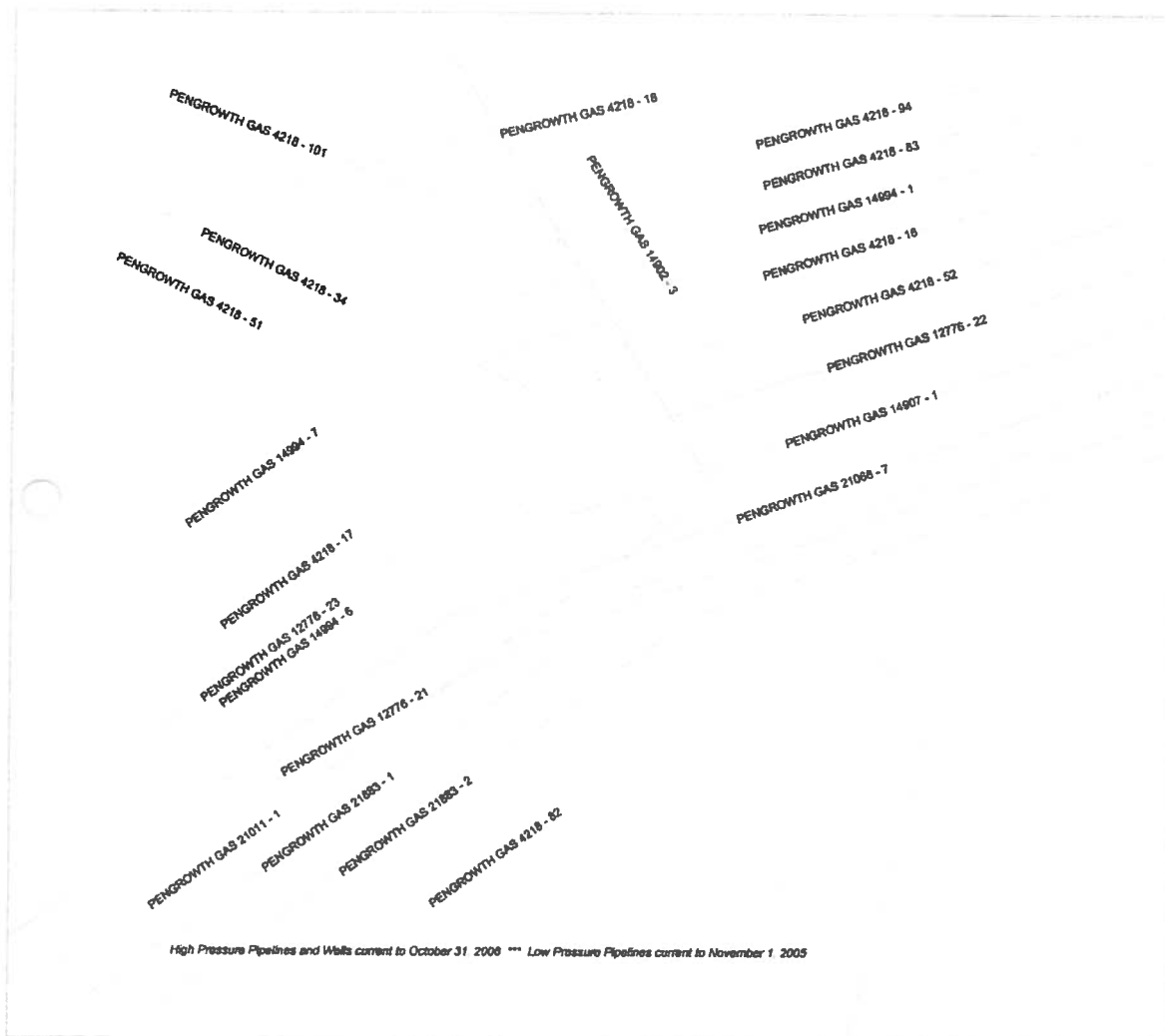
13	14	15	16
12	11	10	9
5	6	7	8
4	3	2	1

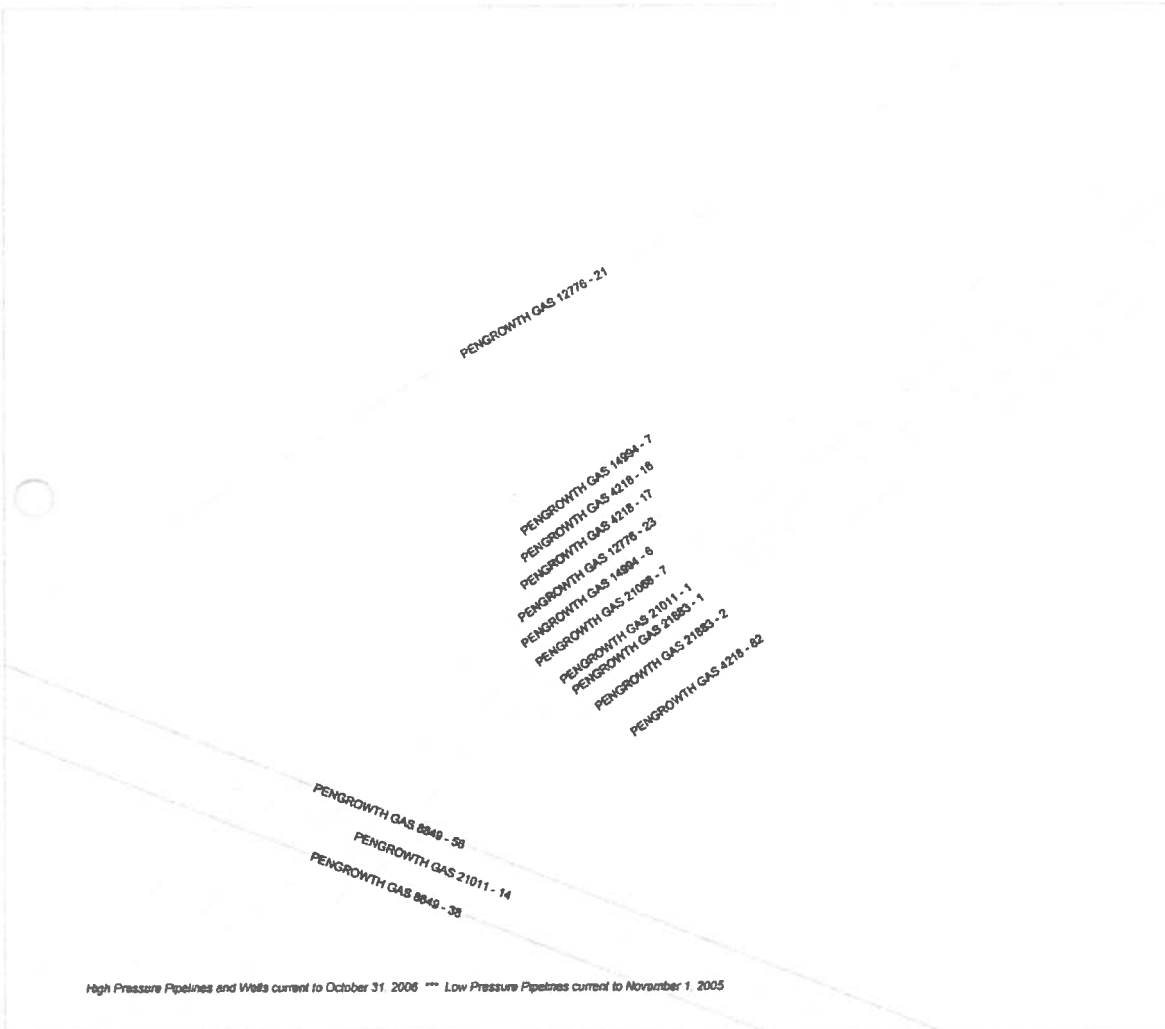
LSD


SOUTH

Guye's Backhoe Service Inc. and its employees take no responsibility for the location of any facilities whether shown on or omitted from this plan.  
 The location of all underground facilities shown was done to the best of our ability with the equipment we have. EUB maps. Company maps, site plans, your info, etc.







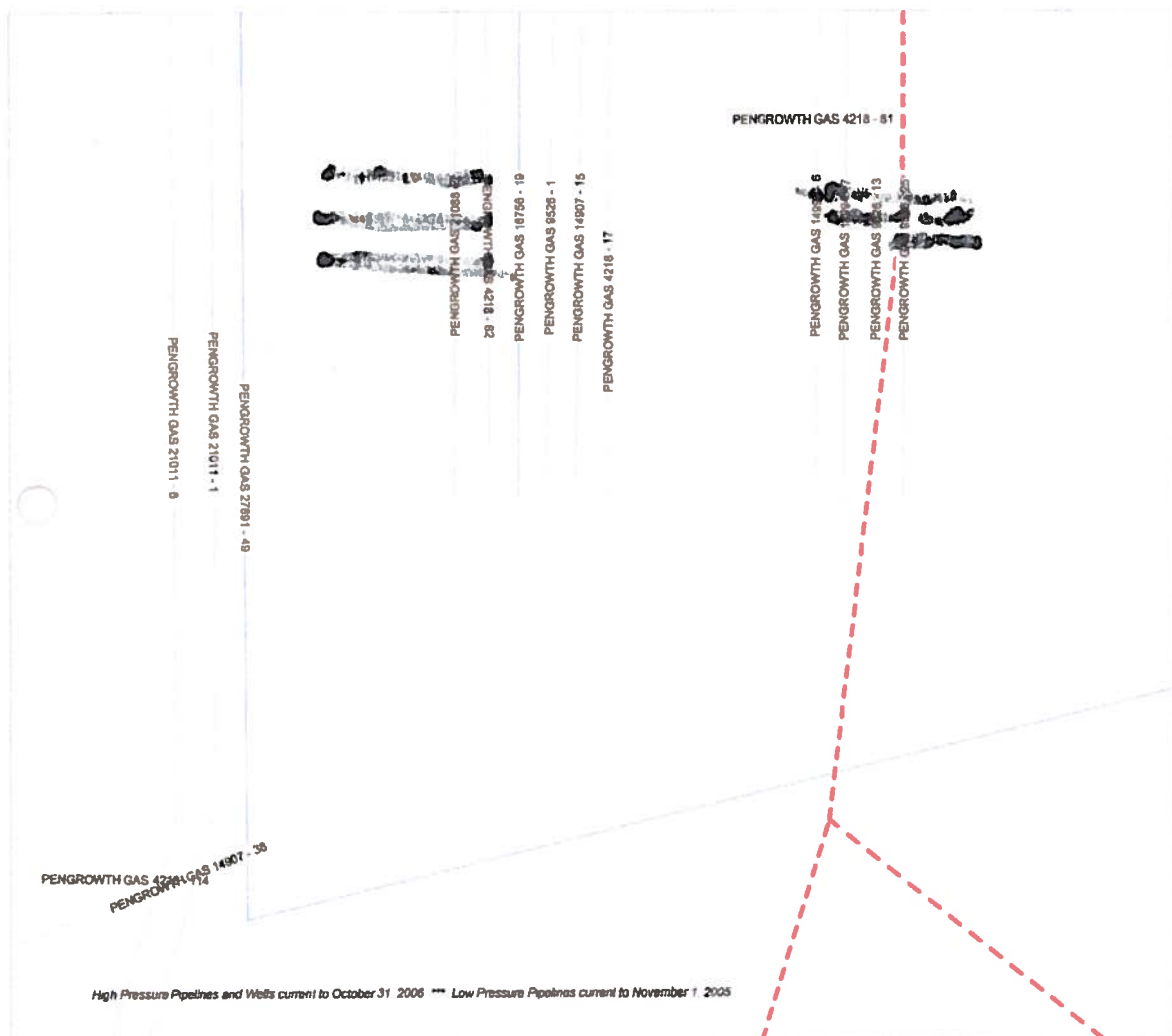


PENGROWTH GAS 8849 - 38

PENGROWTH GAS 14994 - 7  
PENGROWTH GAS 4218 - 18  
PENGROWTH GAS 4218 - 17  
PENGROWTH GAS 12776 - 23  
PENGROWTH GAS 14994 - 8  
PENGROWTH GAS 21088 - 7  
PENGROWTH GAS 21011 - 1  
PENGROWTH GAS 21883 - 1  
PENGROWTH GAS 21883 - 2  
PENGROWTH GAS 4218 - 82

High Pressure Pipelines and Wells current to October 31 2006 *** Low Pressure Pipelines current to November 1 2005





**Winston Currie**

---

From: info@alberta1call.com  
Sent: Wednesday, January 03, 2007 11:55 AM  
To: Winston Currie  
Subject: Ticket: 7002052

Alberta One Call  
Ticket No: 7002052                      MULTIPLE DIG SITES  
'ATTENTION CONTRACTOR' PLEASE REMOVE LOCATE FLAGS UPON COMPLETION OF EXCAVATION

Send To: C_EMAIL      Seq No: 474      Map Ref: NW,36,063,11,5

Time Requested: NOT PROVIDED

Contractor : FLINT ENERGY SERVICE                      Phone: [REDACTED]  
Contact Name: [REDACTED]  
Alt. Contact: [REDACTED]                      Phone: [REDACTED]  
Caller Email: [REDACTED]@flint-energy.com                      Fax Phone: [REDACTED]

City: RURAL  
Address:                      Street:

Additional Info.: START JAN 5/07 FINISH FEB 23/07.      48 KM  
: NORTH EAST TO SWAN HILLS

Type of Work: PIPELINE INSTALLATION  
Depth: 1.5 MTR  
Type of Property: PUB OTHER PROP SEE ADD INFO  
Has the dig site been premarked (outlined) with white paint: N  
Work Being Done For: PENGROWTH CORPORATION  
Lot:                      Block:                      Plan:

Subdiv. Name:	Prop. Owner:
Sec Qtr/Lsd	Twp Rng M
35 SE	63 11 W5
36 NW	63 11 W5

CallerGiven Lat:	Lon:	SE Lat:	Lon:
Ex.Coord NW Lat:	Lon:		

Sent To: C_EMAIL      FORTISALBERTA                      TELUS COMMUNICATIONS INC.  
                 PEMBINA PIPELINE CORPORATION      PENGROWTH CORPORATION

Original Call Date: 3/01/07      Time: 11:14 am      Op: webusr2  
Transmit      Date: 3/01/07      Time: 11:55 am      Op: webusr2



## Successful Submission of Ticket Number: 7002052

The above ticket number is for future reference to your request. To complete another locate request with the same caller information click on Locate Request or Rural Locate Request. Press Finished when you have entered all requests.

[New Ticket](#)[New Rural Ticket](#)[Finished](#)

**Read the following information to determine which of the procedures is applicable to your locate request.**

**Homeowners** placing a locate request for their own private residential property will receive as confirmation, from Alberta One-Call, a Ticket displaying all information entered by the homeowner and listing the Members of Alberta One-Call notified on behalf of the homeowner.

The Locators will mark, with water soluble paint, the location of underground facilities on your property and leave a "Locate Slip" on site explaining the markings. If your property is not accessible, due to a locked gate or a dog in the yard, an appointment will be scheduled for you to meet with the locator to allow access.

Please be aware, if there are customer owned buried facilities on your property, the utility locators responding to the locate request placed by you today will not be able to locate these facilities.

In Calgary and Edmonton..... Water & Sewer do not mark on private property; however, the locator will mark the Water Shut Off Valve at the property line.

For additional information on digging safely please go to [alberta1call.com](http://alberta1call.com) to access the tabs marked "Resources" to view the Colour Code Card and Publications.

**Contractors or Members**, digging on public or commercial property in Calgary and Edmonton where an appointment is scheduled to meet with the locators, must call Alberta One-Call's automated attendant at 1-800-242-3447 after 4:00pm on the day the locate request was submitted and select Option 3 to receive confirmation of the scheduled appointment date and time.

**Rural and all Cities, Towns, Villages and Hamlets**, other than Calgary and Edmonton.....Locators will mark the underground facilities without an appointment or will contact you directly to discuss the work site and/or make arrangements to meet you at the work site.

You will receive, from Alberta One-Call, a Ticket displaying all information entered by you, and a list of Member companies notified on your behalf.

**All other facility owners in the area you must contact directly.**

**For additional information on digging safely please go to [alberta1call.com](http://alberta1call.com) to access the tabs marked "Resources" to view the Colour Code Card and Publications.**

## **PLEASE DIG SAFELY**

**RURAL LOCATE REQUEST FORM****CALLER INFORMATION**

*Contact Phone Number: (780) 778 - 5000  
*Contact Name: [REDACTED]  
Company Name: FLINT ENERGY SERVICE  
Fax#: ( ) -  
*E-mail: [REDACTED]@flint-energy.com  
Alternate Contact: [REDACTED]  
Alternate #: ( ) -

**LOCATION INFORMATION**

*Type of Work PIPELINE INSTALLATION  
*Type of Property: ☒ Public ☐ Private ☐ Both  
*Type of Property: ☐ Residential Property ☐ Commercial Property ☐ Vacant Lot ☒ OTHER  
*Has the dig site been premarked (outlined) with white paint: [N]  
Depth 1.5 Metres  
*Where on Property: See Add Info  
Who is the work being done for ? PENGROWTH CORPORATION

***LEGAL LAND DESCRIPTION**

Section-Quarter Section-LSD (eg. 13-SW or 13-SW-SE or 13-SW,14-NE or 13-09 or 13-09-10 or 13-09.14-09)	Township Range Meridian
35-SE	63 11 5

[Add More Grids](#)

Meeting Location: [REDACTED]  
Additional Information: Start - Jan 5/07 ——— Finish -Feb 23/07  
Lot: [REDACTED] Block [REDACTED] Plan: [REDACTED]

How far and in which direction is the nearest city, town, village, or hamlet:

48 Km North East to Swan Hills

**Alberta One-Call members require a minimum of two full working days notice**

Locate to be completed by: Jan 5 2007

How much time is required with the locator: 0.0 Hours

Send Ticket

Clear Ticket

Cancel Ticket

Display Help

*Fields marked with an asterisk (*) must be entered. Click on underlined fields for help*





03/07 01:07 PM

TELUS

01/01

>: FLINT ENERGY SERVICE  
Attn: [REDACTED]  
Voice: 781-234-5678  
Fax: 781-234-5678

Re: Locating facilities in the area of your excavation

This is an important Safety Message from Telus.

We are replying to your request to locate our underground facilities in an area where you are planning excavation work.

The following is the current status of our facility marking in the area specified in your notification.

Ticket number 7002052 is: NO CONFLICT WITH TELUS. PLEASE CALL  
1-800-980-0030 IF THERE ARE ANY FURTHER QUESTIONS.  
County:  
Place : RURAL  
Street:



able Locate Screening Center

**FORTIS  
ALBERTA**

8-35 to 1336

**FortisAlberta Consent****To Location Plan and Profile**

**This Schedule "B" to form part of the Facility Crossing Agreement  
Between the Grantee**

**And FortisAlberta Inc. (Grantor)**

and compliance with the terms of the Facility Crossing Agreement between the Grantee and Grantor and the current edition of the Alberta Electrical and Communication Utility Code and the Code for Electrical Installations at Oil & Gas Facilities. It is also advised the applicant ensure field staff are aware of these requirements. Field staff must have access to the Facility Crossing Agreement and the Alberta Electrical and Communication Utility Code.

BY:



DATE: 2006/10/17

Mariëka Goyétche, FortisAlberta Land Services

Phone (403) 514-4280 Emergency Phone (24 hrs) 310-WIRE

Oil Field Crossing ID :	P17290
Type :	Pipeline Crossing
Date Sent (yyyymmdd) :	20061004
Date Approved (yyyymmdd) :	20061017
Status :	Approved
Agent Name :	BOUNDARY TECHNICAL
Agent File :	5116335SE
Company :	PENGROWTH CORPORATION
File Name :	
Comments :	
Location :	SE35_T063R11W5
Service Point :	Whitecourt
Line Number :	3655T

**Boundary**  
Technical Group Inc.

#8 - 421 East Lake Road N.E. Aldrie, Alberta T4A 2J7  
tel: (403) 948-2198 fax: (403) 948-4924 toll free: 1-877-948-2198

October 4, 2006

FortisAlberta Inc.  
900, 801 - 7th Avenue SW  
Calgary, AB T2P 3P7

Attn: ~~George [redacted]~~

Dear Sir:

RE: Master Facility Crossing Agreement  
Pengrowth Corporation and FortisAlberta Inc.  
Pipeline SE 35-63-11-5 File: 6116335SE

On behalf of our client Pengrowth, we hereby advise you of their intention to construct a Pipeline on the above-mentioned land. The proposed routing of the Pipeline will cross under a FortisAlberta overhead powerline. Boundary Technical Group Inc. has reviewed this crossing and wishes to advise FortisAlberta that Pengrowth is in compliance with the crossing. A copy of our Pipeline Facilities Near Power Lines Compliance Report is attached.

Kindly forward your consent to Boundary Technical Group Inc., as soon as possible.

Should you anticipate any conflicts or concerns with the foregoing please contact our office at your earliest convenience? Thank you for your cooperation.

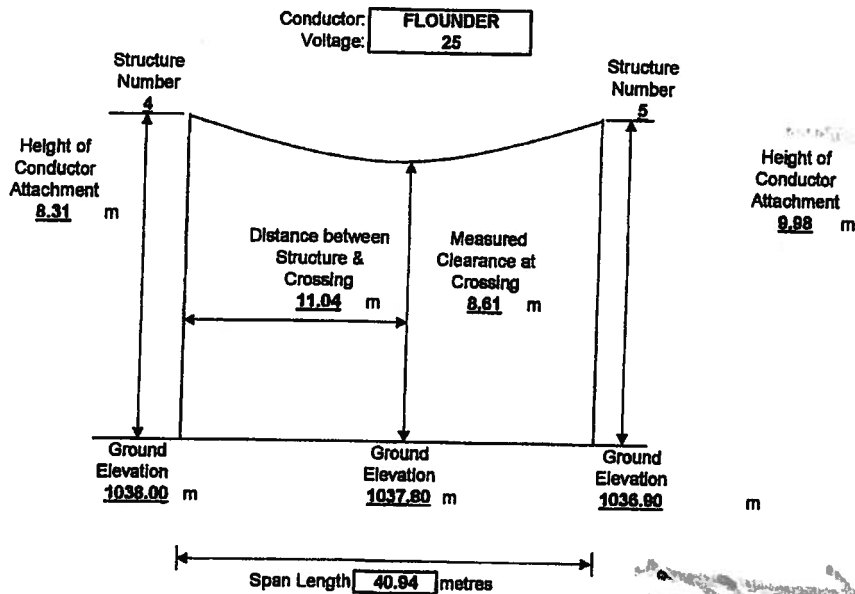
Regards,



Boundary Technical Group Inc.

## Line Clearance Requirements

Temperature: <b>10</b>	Date: <b>October 4, 2006</b>	
Weather: <b>CLOUDY</b>	Land Location: <b>SE 35-63-11-5</b>	
Corrected Weather: <b>10</b>		
Line Number: <b>3855T</b>	Loading Area: <b>MEDIUM</b>	
Ruling Span: <b>40</b>		

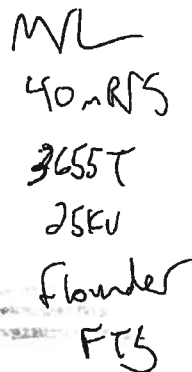


Above Sketch is NOT TO SCALE

Distance between Structure & Crossing	11.04	metres
Required Crossing Clearance	6.10	metres
Conductor Sag at corrected measured temperature	0.15	metres
Conductor Sag at 100 degrees Celsius	0.58	metres
Conductor Sag under loaded conditions	N/A	metres
Correction Factor for non-midspan condition	79%	
Correction Factor for span not equal to ruling span	105%	
Adequate vertical clearance	Yes	
Adequate horizontal clearance	Yes	
Spare clearance	2.15	

Measured by: PALS SURVEYS AND ASSOCIATES LTD.  
 Calculated by: Boundary Technical Group Inc.  
 Checked by: Boundary Technical Group Inc.  
 Client: PENGROWTH CORPORATION  
 File Number: 5116335SE





License # 21883

**FLINT ENERGY SERVICES LTD.**  
**INTEGRATED. INTEGRAL.**



*The purpose of this checklist is to excavate buried pipelines / utilities as to ensure the safety and integrity of the pipeline / utilities being excavated and to ensure the safety of the workers performing the work, general public, environment and communities located in rural or urban areas.*

April "C" - Compliant  
"NC" - Noncompliant