COURT FILE NUMBER Q.B. No. ____ of 2022

COURT OF QUEEN'S BENCH FOR SASKATCHEWAN

IN BANKRUPTCY AND INSOLVENCY

JUDICIAL CENTRE

SASKATOON

APPLICANT

RURAL MUNICIPALITY OF LACADENA No. 228

RURAL MUNICIPALITY OF MIRY CREEK No. 229

RESPONDENT

ABBEY RESOURCES CORP.

IN THE MATTER OF THE RECEIVERSHIP OF ABBEY RESOURCES CORP.

AND IN THE MATTER OF THE COMPANIES' CREDITORS ARRANGEMENT ACT, RSC 1985, c C-36, AS AMENDED

AND IN THE MATTER OF A PLAN OF COMPROMISE OR ARRANGEMENT OF ABBEY RESOURCES CORP.

AFFIDAVIT OF KATHRYN A. BLACK

I, KATHRYN A. BLACK of the City of Regina, in the Province of Saskatchewan, MAKE OATH AND SAY THAT:

1. I am employed by the Government of Saskatchewan as represented by the Ministry of Energy and Resources (the "Ministry"), in the capacity of Acting Executive Director of Field Services. I have conducted a review of the Ministry's files in this matter as well as other records maintained by the Ministry. I swear this affidavit based on my review of the Ministry's files and records and my personal knowledge of the matters and facts deposed to herein, except where stated to be on information and belief and whereso stated I verily believe the same to be true.

As an Acting Executive Director for the Ministry, I am responsible for overseeing all aspects of Saskatchewan's field inspection and compliance programs for wells, facilities and pipelines. Duties include overseeing staff engaged in field investigations, pipeline and facility licensing and compliance audits, well integrity programs, emergency response planning and field office operations. I am authorized to make this Affidavit on behalf of the Ministry.

The Risk Assessment

- 2. As has been mentioned previously in affidavit material filed in this matter, on September 3, 2021, the Ministry requested that Abbey provide a risk assessment report on its pipeline infrastructure to be completed in accordance with industry standards. A copy of that request is appended as Exhibit "A".
- 3. The Ministry received the risk assessment report (the "Report") on December 6, 2021. This report is appended to the Ninth Affidavit of James Gettis as Exhibit "M".
- 4. Upon receipt of the Report, the Ministry commenced a review. Following that review, the Ministry identified several issues with the completeness of the Report. Of particular note are the following:
 - (a) At page 3, the author notes that many of the issues with pipeline integrity can be related to internal corrosion and erosion. However, no failure analysis, material testing or effluent testing appears to have been completed to confirm this assertion;
 - (b) At page 7, the author of the Report states that they were not provided with the individual years of construction for the pipelines, the specific production volumes for each pipeline and the operating pressures for the same. This information should have been readily available for Abbey to provide to the author: As will be discussed in greater detail below, all of this information was available to Abbey by way of the Integrated Resource Information System ("IRIS") operated by the Ministry, and through Abbey's own reporting information. Had Abbey taken time to connect the segments noted in the Report to the information available respecting their licences available on IRIS, the Report could have contained the available data and would have been less relative in the analysis;
 - (c) At page 11 of the Report, a summary of the historical failure and spills is listed. To put these spills into perspective, Abbey operates approximately 1,200 of the 55,000 active, operating wells in Saskatchewan. This amounts to 2% of all active, operating wells in the Province. By contrast, as can be seen from the table below, they contribute to approximately 12% of spill incidents in Saskatchewan:

Month	Total Provincial Incidents	Total Abbey Incidents	Percentage of total provincial incidents
January	48	2	4%
February	48	2	4%
March	47	2	4%
April	51	17	33%
May	45	4	8%
June	46	5	10%
July	20	5	25%
August	44	5	11%
September	61	11	18%
October	40	8	20%
November	38	5	13%
December	13	1	7%
Total	501	67	12%

- (d) In addition to the significant issues noted by the author, the Report fails to make any comment on the risk associated with an additional 944 non-metallic segments of pipeline operated by Abbey. This equates to 36% of Abbey's pipelines that were not analyzed for consequence of failure and have no risk assigned to them;
- (e) The Report, as a whole, fails to consider or identify the risk of damage to critical habitats, endangered species or species at risks and protected archaeological sites. It is likely that the "consequence" factor for many of the pipelines should be higher than listed based on these factors; and
- (f) The Report failed to include or refer to operational data, historical statistics, failure analysis and material testing. Typically, these factors and information are used to inform and supplement risk assessments when completing the Report.

- 5. The failure to include pertinent and accurate data means that the Report is simply a relative risk assessment and as a result, represents a likely best-case, or close to best-case, scenario for Abbey.
- 6. Given all of the issues with the Report, as outlined above, and based upon the Ministry's experience, it is probable that at least some of the low-risk pipelines should be recorded instead as being at medium risk or higher, and the identified medium risk pipelines recorded as being at high or very high risk.
- 7. Thus, while the report states that only 10% of Abbey's pipelines are at high or very high risk, the Ministry considers it highly likely that had full information been provided to the author of the report, a significant portion of the lines presently identified as being medium risk would have been identified as high-risk or very-high risk.
- 8. In addition to the foregoing, there is another matter arising from the report.
- 9. At page 21, the Report states that "[Abbey] does not currently have a defined risk assessment and management process defined within an overall Pipeline Integrity Management Program." A Pipeline Integrity Management Program is a systematic and comprehensive set of interrelated processes for the management of safety and loss control. The management system defines and enables appropriate governance, prioritization and decision making so as to ensure the safe, environmentally responsible, and reliable operation and service of a pipeline system. The integrity management system is a key component of the overall Safety and Loss Management System ("SLMS"). The SLMS is a mandatory requirement for pipeline operators to have in place. The absence of such a program increases the risk associated with the pipeline operation.
- 10. As confirmed by application attached to Exhibit G of Mr. Wagner's affidavit, when Abbey completed their application for the liner installation, they indicated they did have a SLMS program. Had Abbey answered truthfully that they did not have an SLMS program, there would have been increased oversight of the application.
- 11. Finally, there were matters not addressed in the Report being remediation of the pipeline infrastructure. In its Second Report, at page 12, the Monitor notes that Abbey had advised

the Monitor that the Report would contain particulars of the intended remediation program and associated costs to complete the relining required over the next three years. This was not in fact included in the Report. The Report merely included a statement by the Author as follows:

With the nature of the Abbey Resources pipeline systems associated to the production of low pressure, sweet gas production, the challenge and largest overall limitation for Abbey Resources is to identify economically feasible solutions to mitigate the risk identified in this assessment.

- 12. The Ninth Affidavit of James Gettis references a plan formulated by the Company to mitigate pipeline risks by way of installation of plastic liners in pipelines identified as high risk and very high risk in the report. Mr. Gettis advises that company intends that the project will being in the spring of 2022 and carry through to October of 2022. The Ministry has not received a copy of the proposed plan. The Ministry has concerns about the information set out in the Gettis affidavit, most particularly the anticipate costs.
- 13. In paragraph 49 of the affidavit, Mr. Gettis deposes to an anticipated cost for the liner installation project in the order of \$680,000.00.
- 14. Following receipt of the Report, the Ministry undertook a sampling of comparative costs within the industry to determine the potential costs to Abbey if high and very high-risk pipelines were remediated and restored by way of installing free-standing polyethylene liners into the pipelines (the method advocated by Abbey). Liner installations require the existing pipeline to be pressurized to allow the liners to be inserted into the pipe. Given the severity of the deterioration of the pipelines, the liners may not be able to be installed without incurring higher costs.
- 15. Further to this, the Report also states that, "This option (liner installations) however may not be entirely suitable to larger diameter (i.e. >NPS 4) pipelines that require a larger bore maintained for the prevention of pressure drop and facilitating low pressure gas production."

 Therefore, the use of liners has still not be proven to be a viable or even, economical, solution.
- 16. Following that sampling, and having due regard to the risks, the Ministry has concluded that the cost would likely be substantially higher than that estimated by Mr. Gettis. To remediate and restore the high and very high pipelines identified in the Report, Abbey would be required

to insert plastic liners in approximately 343 kilometres of pipeline. Through discussions with https://skgov-my.sharepoint.com/personal/kblack_gov_sk_ca/Documents/My Documents/Field Operations/Abbey Resources/Affidavits Docs/Affidavit of Kathryn Black (22-01-25) (\$1510074xA0A6C).DOCX - 2:05 PM / January 25, 2022

industry, the Ministry has calculated the potential cost at approximately \$170,000 per kilometre to install the plastic insert for a total of \$58,300,000. While I acknowledge this estimate is based on a subjective view of the situation and is dependent on a variety of factors, it nonetheless demonstrates the potential severity of the situation and raises questions about the reliability of the estimate provided by Abbey.

17. The proposed timeframe for remediation is not acceptable, given the risk.

Ministerial Order

- 18. Based on all of the concerns with the Report and based on the identification of certain pipelines therein as being high risk and very high risk, the Ministry has made a decision to issue a minister's order to respecting operation of the high and very high risk pipelines identified in the Report. Notwithstanding the Ministry's very real concerns about other pipelines, the order is limited to those so identified by the author. Attached and marked hereto as Exhibit "B" is a copy of the Order.
- 19. Pursuant to the provisions of *The Pipelines Act*, 1998 the Minister's order suspends the licences of the all the high and very high-risk pipelines under that Act and requires Abbey to cease operation of these same pipelines in accordance with *The Oil and Gas Conservation Act* by shutting them in.
- 20. As is noted in the Report, the characterization of risk therein is a function both of the likelihood of failure but also of the potential consequences arising. A number of the pipelines identified as high risk are on or adjacent to environmentally sensitive land.
- 21. As of the date of swearing this affidavit, we have not yet received Abbey's response or comments on the substance and effect of the Order.

Impact of the Order

22. The majority of the lines identified in the Report as being high and very high risk are lines Abbey operates south of the South Saskatchewan River. While these lines represent 10% of Abbey's pipeline segments, these high and very high-risk pipelines are group lines which gather product from multiple well sites. Thus, that 10% of the pipeline segments is affected, because of the accumulated flow through those pipelines which originates elsewhere, the order appears to shut in approximately 50% of Abbey's production. Attached and marked hereto as **Exhibit** "C" is a series of maps outlining the flowlines and the consequences of the various shut-ins of high and very high-risk lines.

IRIS Compliance

- 23. At paragraphs 7 to 13 of the Eighth Affidavit of James Gettis, Mr. Gettis referenced a number of post-filing regulatory matters, being IRIS obligations. Those issues were not raised at the time by the Ministry, but rather by Mr. Gettis. They are now addressed again in the Ninth Affidavit at Paragraph 9 thereof.
- 24. The matters now having been raised, it appears appropriate to point out, with respect, that the characterization of those issues by Mr. Gettis does not reflect the Ministry's view. The Ministry does not consider many of the items to be minor in nature.
- 25. As of January 24, 2022, Abbey has a total of 151 overdue inspection items.
- 26. While 115 of these items relate to signage issues, vegetation control and housekeeping, 36 are related to more serious concerns including elevated methane levels related to surface casing vent flows, inadequate spill cleanup, holes in the ground on the lease, soil subsidence, and corroded equipment.

27. I make this affidavit in opposition to Abbey Resource Corp.'s ("Abbey") receiving any further protection under the Companies Creditors Arrangement Act (the "CCAA") and further, in support of an application to appoint a receiver over the assets and undertaking of Abbey.

SWORN BEFORE ME VIA ELECTRONIC

MEANS at the City of Saskatoon in the Province of Saskatchewan, this 25th day of January, 2022.

A COMMISSIONER OF OATHS

In and for the Province of Saskatchewan.

Being a solicitor

CONTACT INFO AND ADDRESS FOR SERVICE:

ROBERTSON STROMBERG LLP

Suite 600, 105 – 21st Street East Saskatoon, SK S7K 0B3

Lawyer in Charge of file:

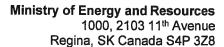
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mk.anderson@rslaw.com/t.kusch@rslaw.com





September 3, 2021

Jim Gettis
Abbey Resources Corp.
505 3rd Street S.W
Calgary AB T2P 3E6

Dear Mr. Gettis

Re: Request for Pipeline Integrity Risk Assessment

The Ministry of Energy and Resources (ER) is requesting Abbey Resources Corporation (Abbey) conduct a risk assessment of all Abbey pipeline systems within Saskatchewan. Pursuant to Section 3.5 of *Directive PNG034: Saskatchewan Pipeline Code*, operators are required to actively maintain the integrity of a pipeline in accordance with CSA Z662 and the Directive. Recent incident data suggests that Abbey has incurred a high rate of failure on its pipeline systems, approximately three times higher than other operators of comparable size. Field observations also indicate that a number of failures have occurred near or at recent spill locations. As a result, ER has concerns related to the integrity of Abbey's pipeline infrastructure.

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The purpose of this risk assessment is to identify and prioritize risk so that Abbey can develop a mitigation plan that can effectively reduce the number of incidents. ER recommends that Abbey follow Annex B of CSA Z662:19 and ASME B31.8S-2020 when preparing their risk assessment.

The risk assessment shall be signed and sealed by a professional engineer who is registered with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) and who is competent in the area of pipeline integrity risk assessments.

ER is requesting that Abbey provide the results of this risk assessment by <u>December 6th</u>, <u>2021</u>. Any questions can be directed to me at <u>Chad.Lang@gov.sk.ca</u>.

Sincerely,

Lang, Chad Digitally signed by Lang, Chad ER Date: 2021.09.03

Chad Lang, P.Eng.

Manager, Pipeline and Regulatory Section

Energy Regulation Division, Ministry of Energy and Resources

Under The Pipelines Act, 1998 and The Oil and Gas Conservation Act

Pursuant to section 12 of *The Pipelines Act, 1998,* the Minister hereby suspends the licences of all flowline segments listed in **Table 1: Abbey Resources High and Very High Risk Segments**, which are licensed to Abbey Resources Corp. effective Monday, January 24, 2022.

Pursuant to section 17.01 of *The Oil and Gas Conservation Act*, Abbey Resources Corp. is hereby ordered to suspend operation of all flowline segments listed in **Table 1: Abbey Resources High and Very High Risk Segments** effective Monday, January 24, 2022. The flowline segments shall be suspended in a manner that complies with Clause 10.15.1 of *Canadian Standards Association Group (CSA) Z662:19 Oil and gas pipeline systems (CSA Z662:19)*.

The lines listed in **Table 1: Abbey Resources High and Very High Risk Segments** must be shut in by Monday, February 7, 2022.

Discontinuation of the segments in accordance with Clause 10.15.1 of *CSA Z662:19* must be completed by Monday, April 25, 2022.

Dated at Regina, Saskatchewan, January 24, 2022.

Hordenchuk, Digitally signed by Hordenchuk, Sharla ER

Sharla ER

Date: 2022.01.24 16:00:08

Sharla Hordenchuk, Assistant Deputy Minister Energy Regulation Division Ministry of Energy and Resources

This is Exhibit 6 referred to in the Affidavit of
Sworn before me this day of
Mand Grant.
A Commissioner for Oaths for Saskatchewan My Commission expires: OR Being a Solicitor

Table 1: Abbey Resources High and Very High Risk Segments

onverge	COINCING DAGGE NICH AMBINISH NESCHIN	Distributor of	315001										
G. Licence	Segment ID	Approval-Line	Status	Substance	From Location	From Facility	To Location	To Facility	Outer Diameter (mm)	Well Thickness (mm)	(km)	Material	Max Operating Pressure (tPa)
PL-00000329	SK PS 00107411	127824-6	0-OPER	NATURAL GAS	14-18-022-20W3	WE-WELL	14-09-022-20W3	WEWELL	114.3	3.2	3.87	S-STEEL	4960
PL-00000329	SK PS 00107437	127824-32	O-OPER	NATURAL GAS	08-20-021-19W3	PB-PL CONCT B	14-20-021-19W3	PB-PL CONCT B	219.1	4	1.34	S-STEEL	4960
PL-00000329	SK PS 00107440	127824-35	0-OPER	NATURAL GAS	08-29-021-20W3	WEWELL	13-26-021-20W3	WE-WELL	168.3	3.2	3.64	S-STEEL	4960
PL-00000332	SK PS 00107624	127819-164	0-OPER	NATURAL GAS	11-24-021-19W3	CS-COMP STN	14-36-020-19W3	CS-COMP STN	168.3	4.8	6.1	S-STEEL	9930
PL-00000329	SK PS 00107406	127824-1	0-OPER	NATURAL GAS	14-20-021-19W3	WE-WELL	14-30-021-19W3	WE-WELL	219.1	4	2.27	S-STEEL	4960
PL-00000962	SK PS 00110615	173721-1	O-OPER	NATURAL GAS	EM61-120-52-60	PB-PL CONCT B	01-22-021-19W3	PB-PL CONCT B	114.3	3.2	7.5	S-STEEL	4960
PL-00000332	SK PS 00107531	127819-71	O-OPER	NATURAL GAS	06-19-021-18W3	WE-WELL	08-19-021-18W3	WE-WELL	114.3	3.2	6:0	S-STEEL	4960
PL-00000329	SK PS 00107424	127824-19	0-OPER	NATURAL GAS	14-25-021-21W3	WEWELL	14-29-021-20W3	WE-WELL	114.3	3.2	3.5	S-STEEL	4960
PL-00000329	SK PS 00107457	127824-52	O-OPER	NATURAL GAS	14-31-021-20W3	WEWELL	08-31-021-20W3	WE-WELL	114.3	3.2	1.26	S-STEEL	4960
PL-00000332	SK PS 00107674	127819-214	O-OPER	NATURAL GAS	16-13-021-20W3	WEWELL	06-20-021-19W3	WEWELL	114.3	3.2	2.6	S-STEEL	4960
PL-00000647	SK PS 00108659	122480-1	O-OPER	NATURAL GAS	05-02-023-20W3	PB-PL CONCT B	13-32-022-20W3	PB-PL CONCT B	219.1		1.4	S-STEEL	4960
PL-00000644	SK PS 00108152	174029-1	0-OPER	NATURAL GAS	13-19-022-20W3	PB-PL CONCT B	13-18-022-20W3	PB-PL CONCT B	219.1	0	1.3	S-STEEL	4960
PL-00000329	SK PS 00107416	127824-11	O-OPER	NATURAL GAS	08-04-022-20W3	WE-WELL	14-30-021-19W3	WE-WELL	168.3	4	7.24	S-STEEL	4960
PL-00000329	SK PS 00107428	127824-23	O-OPER	NATURAL GAS	08-31-021-19W3	WEWELL	14-30-021-19W3	WEWELL	168.3	4	1.56	S-STEEL	4960
#N/A	#N/A	804486-1	0-OPER	NATURAL GAS	04-10-023-18W3		13-21-023-19W3		168.3	3.2	13.12	S-STEEL	8619
PL-00000329	SK PS 00107418	127824-13	0-OPER	NATURAL GAS	08-09-022-20W3	WEWELL	08-03-022-20W3	WE-WELL	114.3	3.2	2.39	S-STEEL	4960
PL-00000647	SK PS 00109340	128971-1	0-0PER	NATURAL GAS	05-26-021-21W3	PB-PL CONCT B	14-26-021-21W3	PB-PL CONCT B	114.3		1.19	S-STEEL	4960
PL-00000647	SK PS 00108727	128005-1	0-OPER	NATURAL GAS	08-18-022-21W3	PB-PL CONCT B	11-12-022-22W3	PB-PL CONCT B	168.3		2.9	S-STEEL	4960
PL-00000644	SK PS 00108472	187567-1	0-OPER	NATURAL GAS	08-36-021-21W3	PB-PL CONCT B	16-36-021-21W3	PB-PL CONCT B	114.3	0	0.64	S-STEEL	4960
PL-00000332	SK PS 00107516	127819-56	0-0PER	NATURAL GAS	14-20-021-18W3	WEWELL	16-24-021-19W3	WE-WELL	114.3	4	2.4	S-STEEL	4960
PL-00000644	SK PS 00108173	177011-1	0-OPER	NATURAL GAS	10-27-022-19W3	PA-PL CONCT A	06-19-022-18W3	PA-PL CONCT A	114.3	3.2	5.28	S-STEEL	4960
PL-00000644	SK PS 00108479	187585-1	0-0PER	NATURAL GAS	08-16-022-21W3	WE-WELL	08-15-022-21W3	WE-WELL	168.3		1.5	S-STEEL	4960
PL-00000647	SK PS 00109529	129203-1	0-OPER	NATURAL GAS	10-28-022-19W3	WE-WELL	02-06-023-19W3	WE-WELL	114.3		6.53	S-STEEL	4960
PL-00000332	SK PS 00107488	127819-28	O-OPER	NATURAL GAS	08-26-021-19W3	PB-PL CONCT B	11-24-021-19W3	PB-PL CONCT B	168.3	4.8	1.5	S-STEEL	4960
#N/A	#N/A	806043-1	A-ABND	NATURAL GAS	04-29-021-23W3		04-28-021-22W3		114.3	4	11.72	S-STEEL	8619
PL-00000644	SK PS 00108474	187569-1	0-OPER	NATURAL GAS	16-26-021-21W3	PB-PL CONCT B	06-36-021-21W3	PB-PL CONCT B	114.3	0	1.38	S-STEEL	4960
PL-00000644	SK PS 00108185	177092-1	O-OPER	NATURAL GAS	06-13-022-22W3	PB-PL CONCT B	06-18-022-21W3	PB-PL CONCT B	6.88	0	1.67	S-STEEL	4960
PL-00000644	SK PS 00108184	177091-1	O-OPER	NATURAL GAS	06-14-022-22W3	WE-WELL	06-13-022-22W3	WE-WELL	6.88	0	1.67	S-STEEL	4960
PL-00000962	SK PS 00110160	118962-1	O-OPER	NATURAL GAS	03-09-022-19W3	PB-PL CONCT B	01-22-021-19W3	PB-PL CONCT B	114.3	3.2	7.8	S-STEEL	4960
PL-00000644	SK PS 00108304	181468-1	0-OPER	NATURAL GAS	06-16-023-19W3	PB-PL CONCT B	15-16-023-19W3	PB-PL CONCT B	114.3	0	29.0	SSTEEL	4960
PL-00000332	SK PS 00107553	127819-93	0-OPER	NATURAL GAS	08-25-021-19W3	WE-WELL	11-24-021-19W3	WE-WELL	114.3	4	1.9	S-STEEL	4960
PL-00000644	SK PS 00108431	186872-1	0-OPER	NATURAL GAS	16-21-021-20W3	PB-PL CONCT B	08-27-021-20W3	PB-PL CONCT B	114.3	0	1.97	S-STEEL	4960
PL-00000647	SK PS 00109368	129028-1	0-0PER	NATURAL GAS	08-15-022-21W3	PB-PL CONCT B	14-14-022-21W3	PB-PL CONCT B	168.3		1.4	S-STEEL	4960
PL-00000647	SK PS 00109400	129073-1	0-OPER	NATURAL GAS	14-09-023-21W3	PB-PL CONCT B	14-10-023-21W3	PB-PL CONCT B	114.3		1.6	S-STEEL	4960
PL-00000329	SK PS 00107408	127824-3	0-OPER	NATURAL GAS	14-29-021-19W3	PB-PL CONCT B	13-26-021-20W3	PB-PL CONCT B	219.1	5.6	6.14	S-STEEL	4960
PL-00000332	SK PS 00107637	127819-177	0-OPER	NATURAL GAS	08-20-021-19W3	WEWELL	14-16-021-19W3	WE-WELL	219.1	4	7	O OTTER!	4000

4960	4960	8964	
S-STEEL	S-STEEL	S-STEEL	
1.17	0.76	7:1	
3.2	0	3.2	
114.3	114.3	114.3	
WE-WELL	PB-PL CONCT B		
14-29-021-20W3	06-22-023-19W3	16-33-023-18W3	
WE-WELL	PB-PL CONCT B		
08-31-021-20W3	08-22-023-19W3	08-18-023-18W3	
NATURAL GAS	NATURAL GAS	NATURAL GAS	
0-OPER	O-OPER	0-OPER	
127824-49	181478-1	806038-1	
SK PS 00107454	SK PS 00108314	#N/A	
PL-00000329	PL-00000644	#N/A	

8619	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960		4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4960	4965	4960	4960	4960	4960	4960
S-STEEL		S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL																																							
9.8	0.5	2.4	1.63	1.08	0.82	1.2	0.87	0,3	1.08	4.1	0.85	0.84	3.53	-	1.48	9.0	0.65	1.08	0.88	0.73	3.43	0.79	0.92	1.14	0.76	0.99	3.7	2.5	4.6	-	1.09	0.1	0.04	0.79	0.2	0.03	0.03	0.02	0.02	0.03	1.68	0.4	1.28	0.78	0.68
3.2		0	0	0	0		0	0			0		4	3.2	0	0	o		0	0	0	0	3.2	3.2	3.2	3.2						0	0	0	0	3.2	3.2	3.2	3.2	3.2	0	0	0	3.2	0
168.3	168.3	267	88.9	114,3	88.9	168.3	114,3	114,3	114.3	168,3	114.3	98.9	219.1	114.3	88.9	88.9	88.9	60.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	219.1	219.1	219.1	168.3	88.9	60.3	60.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	219.1	114.3	114.3	114.3
	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	PB-PL CONCT B						
04-10-023-18W3	04-02-024-18W3	14-34-021-22W3	14-23-022-22W3	08-10-023-21W3	16-26-021-21W3	13-18-022-20W3	06-11-023-21W3	14-32-022-19W3	12-21-023-20W3	13-21-023-19W3	05-01-023-20W3	08-32-021-20W3	13-26-021-20W3	08-20-021-19W3	16-05-022-20W3	16-01-023-18W3	13-04-022-20W3	05-04-022-20W3	05-06-023-19W3	16-18-022-20W3	02-06-023-19W3	16-34-022-20W3	14-25-021-21W3	08-29-021-20W3	08-31-021-20W3	08-31-021-20W3	13-19-022-20W3	13-19-022-20W3	05-02-023-20W3	13-18-022-20W3	01-07-022-20W3	05-09-022-20W3	08-25-021-20W3	08-09-023-20W3	05-19-022-19W3	16-04-023-20W3	07-10-023-20W3	06-02-023-20W3	05-01-023-20W3	16-19-022-20W3	08-16-022-20W3	16-31-022-20W3	13-18-022-20W3	06-02-022-20W3	16-18-022-20W3
	PB-PL CONCT B	WEWELL	WE-WELL	PB-PL CONCT B	WEWELL	· WE-WELL	PB-PL CONCT B	WEWELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	WEWELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WEWELL	WE-WELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WEWELL	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	WEWELL	WE-WELL	WEWELL	WEWELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	PB-PL CONCT B
01-19-022-17W3	13-35-023-18W3	04-28-021-22W3	14-26-022-22W3	14-10-023-21W3	08-26-021-21W3	10-13-022-21W3	08-10-023-21W3	01-05-023-19W3	02-21-023-20W3	12-09-023-19W3	07-01-023-20W3	06-32-021-20W3	08-36-021-20W3	06-20-021-19W3	01-07-022-20W3	08-01-023-18W3	14-04-022-20W3	06-05-022-20W3	02-06-023-19W3	08-19-022-20W3	04-36-022-20W3	11-35-022-20W3	06-25-021-21W3	14-29-021-20W3	16-31-021-20W3	06-31-021-20W3	14-31-022-20W3	05-31-022-20W3	02-06-023-19W3	10-18-022-20W3	05-08-022-20W3	08-08-022-20W3	08-25-021-20W3	04-10-023-20W3	12-19-022-19W3	16-04-023-20W3	07-10-023-20W3	06-02-023-20W3	05-01-023-20W3	16-19-022-20W3	14-15-022-20W3	13-32-022-20W3	16-18-022-20W3	14-02-022-20W3	14-17-022-20W3
NATURAL GAS	NATURAL GAŜ	NATURAL GAS																																											
O-OPER	0-0PER	D-DCNT	O-OPER	0-OPER	O-OPER	0-OPER	0-OPER	0-OPER	0-OPER	O-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	O-OPER	O-OPER	O-OPER	0-OPER	A-ABND	0-OPER	0-OPER	O-OPER	0-OPER	0-0PER	0-0PER	0-OPER	O-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-0PER	0-OPER	0-OPER	O-OPER							
817118-1	128430-1	183861-1	181082-1	187684-1	187571-1	129017-1	187685-1	181128-1	128243-1	128216-1	177620-4	128044-1	127824-51	127819-136	174022-2	174906-1	174022-3	174023-2	177620-6	174027-7	177621-1	177621-6	127824-2	127824-48	127824-4	127824-27	129109-1	129110-1	129195-1	122412-1	174021-1	174024-1	174102-1	177085-1	118963-1	122573-1	122580-1	122582-1	122585-1	122575-1	174027-1	174910-1	173723-1	127824-9	174027-6
#N/A	SK PS 00109130	SK PS 00108367	SK PS 00108246	SK PS 00108545	SK PS 00108476	SK PS 00109357	SK PS 00108546	SK PS 00108265	SK PS 00108946	SK PS 00108919	SK PS 00107736	SK PS 00108765	SK PS 00107456	SK PS 00107596	SK PS 00107366	SK PS 00108164	SK PS 00107367	SK PS 00107692	SK PS 00107738	SK PS 00107697	SK PS 00107740	SK PS 00107745	SK PS 00107407	SK PS 00107453	SK PS 00107409	SK PS 00107432	SK PS 00109436	SK PS 00109437	SK PS 00109521	SK PS 00108602	SK PS 00108147	SK PS 00108148	SK PS 00108154	SK PS 00108179	SK PS 00108132	SK PS 00108661	SK PS 00108667	SK PS 00108669	SK PS 00108672	SK PS 00108663	SK PS 00107693	SK PS 00108167	SK PS 00108146	SK PS 00107414	SK PS 00107696
#N/A	PL-00000647	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000647	PL-00000644	PL-00000644	PL-00000647	PL-00000647	PL-00000379	PL-00000647	PL-00000329	PL-00000332	PL-00000307	PL-00000644	PL-00000307	PL-00000342	PL-00000379	PL-00000343	PL-00000380	PL-00000380	PL-00000329	PL-00000329	PL-00000329	PL-00000329	PL-00000647	PL-00000647	PL-00000647	PL-00000647	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000647	PL-00000647	PL-00000647	PL-00000647	PL-00000647	PL-00000343	PL-00000644	PL-00000644	PL-00000329	PL-00000343

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S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	S-STEEL	SSTEE	SSTEE	SSTEE	SSTEE	SSTEE	S-STEE!	S-STEEL	S-STEF	S-STEEL																									
0.76	0.4	0.02	0.04	0.2	0.04	0.21	99.0	0.81	0.21	0.39	0.04	2.07	0.38	0.73	102	1.40	0.76	0.02	0.03	0.5	1.39	0.17	0.12	0.8	1.14	0.78	0.64	0.3	0.3	0.04	0.2	1.08	19.0	1.12	17.0	69.0	69.0	0.92	0.78	1.02	0.81	0.61	0.63	0.7	0.86
٥	0	0	0	0	0	3.2	3.2			0	3.2	-	, -		3.2		0				0			3.2	3.2	3.2	3.2	3.2			0	0		0	0	0	0	0	3.2	3.2	3.2		3.2	3.2	3.2
114.3	114.3	114.3	88.9	88.9	88.9	114.3	114.3	114.3	88.9	60.3	114.3			114.3	114.3	114.3	114.3	88.9	88.9	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	168.3	60.3	8	6.88	114.3	88.9	88.9	88.9	114.3	114.3	114.3	114.3	114.3	114,3	114.3	114.3	114.3
PB-PL CONCT B	PB-PL CONCT B	WEWELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WEWEL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WEWELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WEWELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	BE-BLIND	WE-WELL						
11-17-022-20W3	12-09-022-20W3	08-17-022-20W3	14-04-023-20W3	05-19-022-20W3	14-20-022-20W3	16-25-021-21W3	08-04-022-20W3	06-23-022-22W3	03-07-022-20W3	05-05-022-20W3	10-36-021-20W3	16-30-021-18W3	04-02-023-20W3	06-13-022-21W3	10-04-023-19W3	16-01-023-19W3	01-04-023-19W3	15-24-022-20W3	10-20-022-20W3	14-02-023-20W3	11-08-023-17W3	05-31-022-20W3	16-31-022-20W3	08-20-021-19W3	16-04-022-20W3	14-19-021-19W3	08-03-022-20W3	09-24-021-19W3	04-03-023-18W3	14-07-021-19W3	01-31-021-18W3	16-30-021-21W3	08-01-023-21W3	14-34-021-22W3	08-04-022-22W3	08-03-022-22W3	06-16-023-19W3	03-04-023-19W3	14-02-022-20W3	08-09-022-20W3	14-18-022-20W3	16-15-021-20W3	14-36-021-20W3	08-36-021-20W3	14-18-022-20W3
PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WEWELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WEWELL	WE-WELL	WEWELL	WE-WELL.	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WEWELL	WEWELL	PB-PL CONCT B	WEWELL	WEWELL	WE-WELL	WE-WELL	WEWELL	WE-WELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WEWELL	WE-WELL	BE-BLIND	WEWELL
07-17-022-20W3	13-09-022-20W3	08-17-022-20W3	14-04-023-20W3	08-24-022-21W3	14-20-022-20W3	16-25-021-21W3	16-04-022-20W3	14-23-022-22W3	14-06-022-20W3	08-06-022-20W3	10-36-021-20W3	07-29-021-18W3	05-02-023-20W3	14-12-022-21W3	11-03-023-19W3	16-12-023-19W3	03-03-023-19W3	15-24-022-20W3	10-20-022-20W3	04-11-023-20W3	16-08-023-17W3	08-36-022-21W3	16-31-022-20W3	16-20-021-19W3	06-09-022-20W3	16-19-021-19W3	16-03-022-20W3	10-24-021-19W3	14-33-022-18W3	14-07-021-19W3	01-31-021-18W3	14-29-021-21W3	12-06-023-20W3	08-34-021-22W3	06-04-022-22W3	06-02-022-22W3	14-09-023-19W3	01-04-023-19W3	16-02-022-20W3	14-09-022-20W3	06-18-022-20W3	15-15-021-20W3	16-36-021-20W3	06-31-021-19W3	06-19-022-20W3
NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS
A COL	A COPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	O-OPER	0-0PER	0-OPER	O-OPER	R-RMVD	O-OPER	O-OPER	0-OPER	0-OPER	0-OPER	0-OPER	O-OPER	O-OPER	0-0PER	O-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-0PER	0-0PER	0-0PER	0-0PER	O-OPER	O-OPER	O-OPER	O-OPER	0-0PER	O-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-0PER	O-OPER	A-ABND	0-0PER
174027-5	1740274	1/402/-4	181105-1	174028-1	174026-1	127824-36	127824-37	177096-1	174022-1	174023-1	127824-28	174014-1	174909-1	187608-2	181132-1	181497-1	177012-2	181149-2	187069-1	181124-1	174908-1	135482-1	122591-1	127819-51	127824-38	127824-42	127824-43	127819-212	128616-1	173717-1	174018-1	177310-1	122608-1	183862-1	195042-1	195033-1	181465-1	177005-1	127824-45	127824-46	127824-26	186874-1	127824-10	126974-1	127824-25
SK De notogatab	SK DC 00102149	SK PS UUIU/094	SK PS 00108258	SK PS 00108151	SK PS 00108150	SK PS 00107441	SK PS 00107442	SK PS 00108188	SK PS 00107365	SK PS 00107691	SK PS 00107433	SK PS 00110616	SK PS 00110624	SK PS 00108496	SK PS 00110665	SK PS 00108330	SK PS 00108175	SK PS 00108275	SK PS 00108443	SK PS 00108261	SK PS 00108166	SK PS 00109574	SK PS 00108676	SK PS 00107511	SK PS 00107443	SK PS 00107447	SK PS 00107448	SK PS 00107672	SK PS 00109243	SK PS 00108144	SK PS 00110620	SK PS 00108192	SK PS 00108681	SK PS 00108368	SK PS 00108568	SK PS 00108560	SK PS 00108301	SK PS 00108171	SK PS 00107450	SK PS 00107451	SK PS 00107431	SK PS 00108433	SK PS 00107415	SK PS 00108140	SK PS 00107430
PI-00000343	PI-00000343	7L-00000343	PL-00000644	PL-00000644	PL-00000644	PL-00000329	PL-00000329	PL-00000644	PL-00000307	PL-00000342	PL-00000329	PL-00000962	PL-00000962	PL-00000644	PL-00000962	PL-00000644	Pt-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000647	PL-00000647	PL-00000332	PL-00000329	PL-00000329	PL-00000329	PL-00000332	PL-00000647	PL-00000644	PL-00000962	PL-00000644	PL-00000847	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000329	PL-00000329	PL-00000329	PL-00000644	PL-00000329	Pl00000644	PL-00000329

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S-STEEL																																													
0.44	0.78	1.81	0.44	1:	1.43	0.7	0.75	1.31	0.49	0.81	2.28	96.0	0.66	0.77	0.46	0.03	0.03	0.05	0.97	1.54	0.48	0.28	1.2	0.83	0.8	0.87	1.47	0.99	18.0	0.87	0.98	0.84	0.65	0.82	69.0	0.3	0.58	0.15	0.04	0.04	1.0	2	0.57	0.63	1.05
3.2		0		0		0	0			0										0	0	0		4	3.2		3.2		3.2	3.2	3.2	0		3.2	0	3.2		3.2	3.2	3.2	3.2				
114.3	88.9		114.3	114.3	114.3	114.3	114.3	88.9	88.9	88.9	114.3	114.3	88.9	114.3	114.3	114.3	114.3	60.3	114.3	60.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	68.9	114.3
WEWELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	* WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	PB-PL CONCT B
11-25-021-19W3	06-35-021-21W3	14-16-022-21W3	10-04-023-20W3	04-36-022-20W3	16-27-022-20W3	14-34-022-19W3	06-25-022-20W3	15-26-022-21W3	05-08-022-20W3	08-27-022-21W3	02-04-023-20W3	04-13-022-21W3	10-31-022-18W3	02-13-022-21W3	03-34-022-20W3	08-02-023-20W3	14-32-022-20W3	14-06-023-18W3	14-15-022-20W3	16-05-023-18W3	14-27-022-20W3	06-12-023-18W3	15-34-022-19W3	05-31-021-19W3	08-20-021-19W3	05-26-021-20W3	14-30-021-19W3	16-33-021-20W3	08-29-021-20W3	08-29-021-20W3	14-25-021-20W3	06-30-021-19W3	16-34-021-20W3	14-25-021-20W3	13-07-021-19W3	11-24-021-19W3	16-08-021-19W3	06-02-022-20W3	06-03-022-20W3	16-19-021-18W3	16-24-021-19W3	16-26-021-21W3	16-16-022-21W3	14-24-022-21W3	06-33-021-21W3
WEWELL	WEWELL	WE-WELL	WEWELL	WEWELL	PB-PL CONCT B	WEWELL	WEWELL	WE-WELL	WEWELL	WE-WELL	PB-PL CONCT B	WE-WELL	WEWELL	WE-WELL	WEWELL	PB-PL CONCT B	WEWELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WEWELL	WEWELL	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	WE-WELL	WEWELL	WEWELL	WEWELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	WEWELL	WE-WELL	WEWELL	WE-WELL	WEWELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	PB-PL CONCT B
14-25-021-19W3	14-35-021-21W3	14-17-022-21W3	07-04-023-20W3	06-25-022-20W3	07-35-022-20W3	01-03-023-19W3	14-24-022-20W3	14-25-022-21W3	06-08-022-20W3	06-27-022-21W3	04-02-023-20W3	02-14-022-21W3	14-31-022-18W3	04-13-022-21W3	06-34-022-20W3	09-02-023-20W3	14-32-022-20W3	14-06-023-18W3	11-22-022-20W3	16-08-023-18W3	15-27-022-20W3	06-12-023-18W3	07-34-022-19W3	13-31-021-19W3	06-21-021-19W3	13-23-021-20W3	14-19-021-19W3	14-33-021-20W3	16-29-021-20W3	06-29-021-20W3	06-36-021-20W3	08-30-021-19W3	14-34-021-20W3	16-25-021-20W3	14-07-021-19W3	06-24-021-19W3	08-08-021-19W3	06-02-022-20W3	06-03-022-20W3	16-19-021-18W3	09-24-021-19W3	14-26-021-21W3	14-16-022-21W3	16-24-022-21W3	01-33-021-21W3
NATURAL GAS																																													
O-OPER	O-OPER	0-0PER	0-OPER	0-OPER	O-OPER	0-OPER	0-OPER	O-OPER	0-OPER	O-OPER	O-OPER	O-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	O-OPER	O-OPER	0-OPER	0-OPER	0-0PER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-0PER	0-OPER	0-0PER	0-OPER	0-0PER	0-OPER	O-OPER	O-OPER	O-OPER	0-OPER	0-0PER							
173720-1	128964-1	183890-1	183908-1	181150-1	187651-1	177013-1	181148-1	187664-1	187623-1	187596-1	129156-1	122614-1	177741-1	122615-1	135507-1	129197-1	135497-1	178845-1	181137-1	177208-1	187653-1	174908-900	129206-1	127824-39	127819-122	174107-1	127824-47	174111-1	127824-16	127824-30	127824-21	174101-1	174111-2	127824-15	173716-1	127819-44	173718-1	127824-5	127824-40	127819-30	127819-47	128970-1	135997-1	187598-1	135979-1
SK PS 00110614	SK PS 00109333	SK PS 00110676	SK PS 00108390	SK PS 00108276	SK PS 00108522	SK PS 00108176	SK PS 00108273	SK PS 00108531	SK PS 00108505	SK PS 00108487	SK PS 00109483	SK PS 00108687	SK PS 00108200	SK PS 00108688	SK PS 00109596	SK PS 00109523	SK PS 00109589	SK PS 00108203	SK PS 00108269	SK PS 00108189	SK PS 00108524	SK PS 00110623	SK PS 00109532	SK PS 00107444	SK PS 00107582	SK PS 00108159	SK PS 00107452	SK PS 00108162	SK PS 00107421	SK PS 00107435	SK PS 00107426	SK PS 00108153	SK PS 00108163	SK PS 00107420	SK PS 00108143	SK PS 00107504	SK PS 00107689	SK PS 00107410	SK PS 00107445	SK PS 00107490	SK PS 00107507	SK PS 00109339	SK PS 00109665	SK PS 00108489	SK PS 00109653
PL-00000962	r-r-nnnne4/	PL-00000962	PL-00000644	PL-00000647	PL-00000647	PL-00000644	PL-00000647	PL-00000647	PL-00000647	PL-00000647	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000962	PL-00000647	PL-00000329	PL-00000332	PL-00000644	PL-00000329	PL-00000644	PL-00000329	PL-00000329	PL-00000329	PL-00000644	PL-00000644	PL-00000329	PL-00000644	PL-00000332	PL-00000341	PL-00000329	PL-00000329	PL-00000332	PL-00000332	PL-00000647	PL-00000647	PL-00000644	PL-00000647							

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S-STEEL	S-STEEL.	S-STEEL																																											
0.77	1.7	0.71	6.0	0.37	1.54	1.49	0.59	9.0	0.23	0.2	0.2	440	1.74	0.45	1.09	1.68	0.03	5.16	1.7	0.54	0.86	0.73	0.2	0.05	0.69	0.76	0.43	0.41	0.68	0.03	0.03	0.69	16:0	0.82	0.74	0.87	0.75	0.22	0.04	1.66	99'0	0.81	0.78	0.74	0.78
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88.9	168.3	114.3	114.3	114.3	60.3	60.3	60.3	60.3	60.3	88.9	60,3	60.3	114.3			114.3	114.3					114.3	114.3	114.3	114.3	114.3	114.3	114.3	88.9	114.3	60.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	114.3	114.3	114.3	114.3	114.3	114.3
WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	BE-BLIND	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B						
11-08-023-17W3	15-36-023-18W3	08-16-022-21W3	16-19-021-18W3	15-08-023-20W3	13-26-021-20W3	05-35-021-20W3	13-35-021-20W3	16-07-021-19W3	14-08-021-19W3	16-33-021-20W3	08-18-021-19W3	16-27-021-20W3	14-17-022-21W3	08-09-022-21W3	08-03-022-21W3	05-19-022-20W3	15-27-022-20W3	16-24-021-19W3	14-30-021-18W3	14-29-021-18W3	14-31-021-18W3	15-23-022-21W3	05-26-021-20W3	05-19-022-19W3	10-35-022-20W3	08-01-023-20W3	04-10-023-20W3	08-02-023-20W3	05-03-023-18W3	08-17-023-20W3	14-04-023-18W3	16-04-022-21W3	06-09-022-21W3	06-02-022-21W3	08-15-022-21W3	01-07-022-20W3	03-07-022-20W3	14-26-021-21W3	16-26-021-21W3	10-27-022-19W3	08-20-022-20W3	10-28-022-19W3	02-06-023-19W3	06-02-023-20W3	07-10-023-20W3
WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WEWELL	WE-WELL	WE-WELL	PB-PL CONCT B	WEWELL	WEWELL	WEWELL	PB-PL CONCT B	BE-BLIND	PB-PL CONCT B	WE-WELL	WEWELL	WEWELL	PB-PL CONCT B	WE-WELL	WEWELL	WEWELL	WEWELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WEWELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	WEWELL	WEWELL	WEWELL	WEWELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	WEWELL	WEWELL	WEWELL	PB-PL CONCT B	WE-WELL	WE-WELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B
14-08-023-17W3	06-06-024-17W3	16-16-022-21W3	08-19-021-18W3	14-08-023-20W3	16-26-021-20W3	08-35-021-20W3	14-35-021-20W3	08-07-021-19W3	14-08-021-19W3	16-33-021-20W3	08-18-021-19W3	15-27-021-20W3	12-16-022-21W3	04-10-022-21W3	14-03-022-21W3	05-30-022-20W3	15-27-022-20W3	14-31-021-18W3	08-30-021-18W3	06-32-021-18W3	16-31-021-18W3	07-26-022-21W3	08-27-021-20W3	05-19-022-19W3	07-35-022-20W3	05-06-023-19W3	16-04-023-20W3	05-01-023-20W3	06-03-023-18W3	07-17-023-20W3	14-04-023-18W3	14-03-022-21W3	08-09-022-21W3	08-03-022-21W3	06-15-022-21W3	08-06-022-20W3	06-07-022-20W3	14-26-021-21W3	16-26-021-21W3	10-28-022-19W3	05-21-022-20W3	08-28-022-19W3	04-05-023-19W3	08-02-023-20W3	11-10-023-20W3
NATURAL GAS																																													
0-OPER	OOPER	0-OPER	O-OPER	O-OPER	0-OPER	A-ABND	0-OPER	0-OPER	0-OPER	0-OPER	A-ABND	A-ABND	0-OPER	0-0PER	O-OPER	0-OPER	0-OPER	0-0PER	O-OPER	O-OPER	O-OPER	O-OPER	0-OPER	O-OPER	0-OPER	O-OPER	O-OPER	0-OPER	0-OPER	0-0PER	0-OPER	0-OPER	0-OPER	0-0PER	O-OPER	0-OPER	0-OPER	0-OPER	0-0PER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER	0-OPER
174907-1	128414-1	187669-1	127819-154	129117-1	174104-1	174103-1	174108-1	173715-1	173719-1	174110-1	173714-1	174105-1	122622-1	135521-1	183892-1	129107-1	129173-1	174019-1	174015-1	174016-1	174020-1	129098-1	174106-1	129177-1	177621-5	177620-5	177084-1	177620-2	181288-1	129115-1	178851-1	183893-1	183891-1	187662-1	119000-1	118998-1	187621-1	187570-1	181157-1	177009-1	187659-1	181156-1	177003-1	177620-1	181126-1
SK PS 00108165	SK PS 00109114	SK PS 00108534	SK PS 00107614	SK PS 00109444	SK PS 00108156	SK PS 00108155	SK PS 00108160	SK PS 00108142	SK PS 00108145	SK PS 00108161	SK PS 00108141	SK PS 00108157	SK PS 00108693	SK PS 00109709	SK PS 00110677	SK PS 00109434	SK PS 00109500	SK PS 00110621	SK PS 00110617	SK PS 00110618	SK PS 00110622	SK PS 00109425	SK PS 00108158	SK PS 00109504	SK PS 00107744	SK PS 00107737	SK PS 00108178	SK PS 00107734	SK PS 00108285	SK PS 00109442	SK PS 00108208	SK PS 00108378	SK PS 00108377	SK PS 00108529	SK PS 00108136	SK PS 00108135	SK PS 00108503	SK PS 00108475	SK PS 00108279	SK PS 00108172	SK PS 00108528	SK PS 00110671	SK PS 00108169	SK PS 00107733	SK PS 00108263
PL-00000644	PL-00000647	PL-00000644	PL-00000332	PL-00000647	PL-00000644	PL-00000647	PL-00000662	PL-00000962	PL-00000647	PL-00000647	PL-00000962	PL-00000962	PL-00000962	PL-00000962	PL-00000647	PL-00000644	PL-00000647	PL-00000380	PL-00000379	PL-00000644	PL-00000379	PL-00000644	PL-00000647	PL-00000644	PL-00000962	PL-00000644	PL-00000379	PL-00000644																	

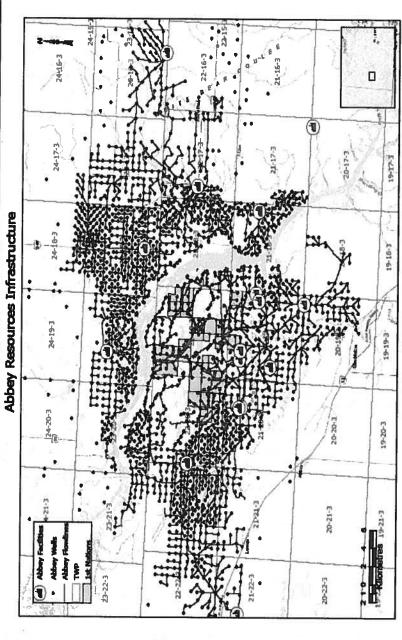
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S-STEEL																																	
0.92	0.49	0.49	0.45	0.51	6:0	1.84	0.03	0.8	0.4	0.29	0.1	1.09	0.38	0.83	0.8	3.2	3.24	3.47	7.8	1.1	1.03	0.84	3.41	1.08	2.15	1.21	1.26	1.51	0.78	0.5	4.2	0.73	0.52
•			٥			0				٥				0		5.6	3.2						3.2							4.8	4.8		
114.3	114.3	114.3	114.3	114.3	168.3			114.3	114.3	114.3	168.3	114.3	114.3		168.3	219.1	114.3	114.3		168.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	219.1	219.1	114.3	88.9
WEWELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WE-WELL	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	PA-PL CONCT A	WE-WELL	BE-BLIND	WE-WELL	WE-WELL	PA-PL CONCT A	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B					
14-06-023-20W3	03-34-022-20W3	12-09-023-20W3	10-09-023-20W3	01-33-022-20W3	06-16-022-21W3	14-07-021-19W3	14-29-021-18W3	15-24-022-20W3	11-35-022-20W3	14-09-023-20W3	16-14-022-21W3	16-32-022-18W3	16-05-023-18W3	16-16-022-20W3	06-05-024-17W3	01-19-022-17W3	10-27-022-19W3	14-35-023-18W3	01-22-021-19W3	03-26-023-19W3	13-23-021-20W3	12-13-022-21W3	16-27-021-19W3	07-33-023-18W3	07-13-023-20W3	07-20-023-19W3	06-20-023-19W3	15-21-023-20W3	16-20-023-19W3	16-11-022-18W3	14-12-022-18W3	08-21-023-19W3	16-16-023-19W3
WEWELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	WE-WELL	WE-WELL	WE-WELL	WEWELL	WEWELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B	PA-PL CONCT A	WEWELL	BE-BLIND	WEWELL	WEWELL	PA-PL CONCT A	PB-PL CONCT B	PB-PL CONCT B	WEWELL	WE-WELL	PB-PL CONCT B	WE-WELL	PB-PL CONCT B	PB-PL CONCT B	PB-PL CONCT B					
06-06-023-20W3	14-27-022-20W3	14-09-023-20W3	06-09-023-20W3	16-28-022-20W3	08-16-022-21W3	14-18-021-19W3	14-29-021-18W3	08-24-022-20W3	10-35-022-20W3	14-09-023-20W3	16-14-022-21W3	14-32-022-18W3	15-05-023-18W3	14-16-022-20W3	08-05-024-17W3	14-24-022-18W3	11-35-022-19W3	08-25-023-18W3	03-09-022-19W3	06-23-023-19W3	05-23-021-20W3	10-14-022-21W3	08-02-022-19W3	05-33-023-18W3	16-14-023-20W3	08-19-023-19W3	14-17-023-19W3	12-21-023-20W3	07-20-023-19W3	10-11-022-18W3	01-19-022-17W3	06-22-023-19W3	13-15-023-19W3
NATURAL GAS																																	
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181093-1	187654-1	177087-1	183903-1	187654-2	187584-1	173718-2	174017-1	181147-1	181101-1	183902-1	187587-1	128612-1	128682-1	178894-1	128408-1	127820-37	181097-1	128426-1	135987-1	128175-1	128095-1	122618-1	178920-1	128388-1	128326-1	128272-1	128290-1	128244-1	128288-1	127820-322	127820-31	128183-1	128187-1
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PL-00000644	PL-00000381	PL-00000644	PL-00000644	PL-00000381	PL-00000644	PL-00000341	PL-00000962	PL-00000644	PL-00000644	PL-00000644	PL-00000644	PL-00000647	PL-00000647	PL-00000962	PL-00000647	PL-00000962	PL-00000644	PL-00000647	PL-00000662	PL-00000647	PL-00000647	PL-00000647	PL-00000644	PL-00000647	PL-00000647	PL-00000647	PL-00000647	PL-00000647	PL-00000647	PL-00000962	PL-00000962	PL-00000647	PL-00000647

This is Ex	hibit refer	rred to in the Affida
Sworn hef	ore me this 2	day of
5,1101,1100	January	20 31
THE	News	Howal
A Commi	ssioner for Oath	s for Saskatchewan
My Comm	nission expires:	
OR Reine	a Solicitor	

Saskatchewan

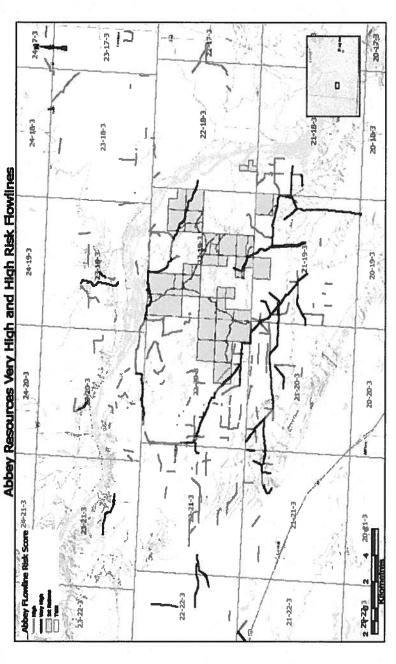
Abbey Resources Infrastructure Closure Analysis

Abbey Resources Infrastructure



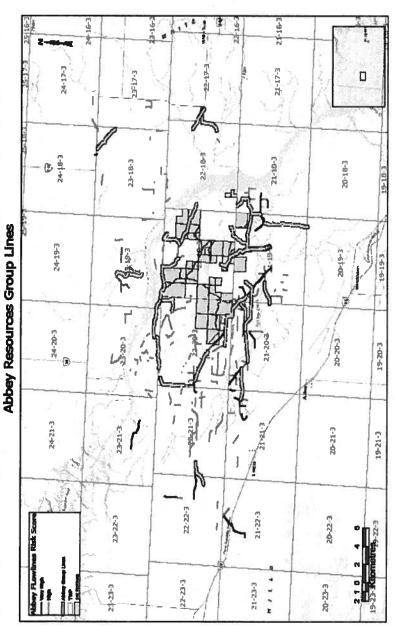
Saskatchewan

Abbey Resources Very High and High Flowlines



Saskatchewan

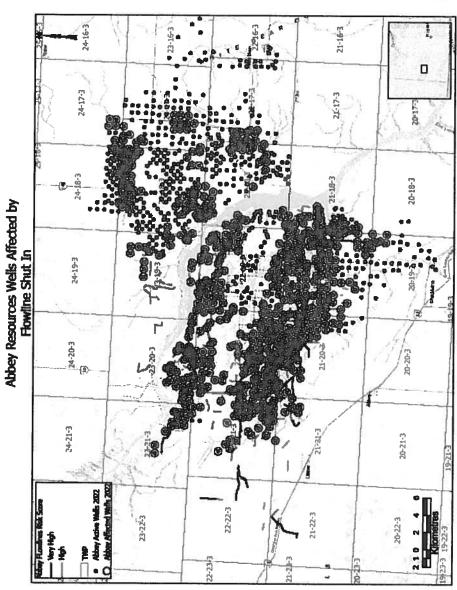
Abbey Resources Group Lines



Saskatchewan

Abbey Resources Wells Affected by Flowline Shut-in

Roughly 664 wells will be affected
 ~54% of production (37,019 10 m3



FORM PD1

(Enacted March 25, 2020)

(Amended August 7, 2020)

DECLARATION OF LAWYER WHO HAS WITNESSED DOCUMENTS

VIA ELECTRONIC MEANS

on	of Sustation in the	e Province of <u>Sk</u> , a Lawyer, di
electro	nic means:	
	1. Assidant	
	2.	
	3.	
August electro	nt to Law Society of Saskatchewan Practice Directive 1 7, 2020, I have turned my mind to the risks associat nic means. I have assessed the following risks, and have dentified concerns:	ted with the witnessing of documents vi
1.	Have I identified any indicia that the transaction might	t be fraudulent? ${\cal N}$
2.	Did I identify concerns, including the physical presence while they were signing the documents, suggesting t subject to undue influence or duress?	of a third party in the company of my clien
3.	Did I identify concerns about my client's understanding	g about the documents they are executing
4.	Did I identify concerns about my client not having an ad the document being signed?	dequate opportunity to ask questions abou
Where	I have indicated "yes" to the statements above, I mana	ged the risks by the following means:
	ed hereto is a screen capture of my client with their pho tronic means during the session where the above noted	•
I DO SO	DLEMNLY DECLARE that the statements contained in t	this form are complete and true in every
	. AND I make this solemn declaration conscientiously beame force and effect as if made under oath.	pelieving it to be true and knowing that it is
	an 25/22	now Kusch
DATE		Signature of Lawyer

{00207539.DOCX}

