



Bidell Gas Compression Ltd  
 7384 265 Road  
 Fort St. John, BC  
 V1J 4H6  
 Mailing: PO Box 6069, Fort St John, BC V1J 4H6  
 (250) 785-4259  
 (250) 785-2988

**FSJ67104**  
**Invoice No.** 064302  
**Invoice Date** 03/30/2020  
**Page Number** Page 1 of 2

BILL TO:			SHIP TO:		
CANADIAN NATURAL RESOURCES BAG 6450  FORT ST. JOHN, BC V1J 4H9			1039	CANADIAN NATURAL RESOURCES d-39-E/94-A-16 d-39-E/94-A-16 CC# 30305000 PJ (Solution), BC	
INVOICE DATE			CUSTOMER PO		TERMS
03/30/2020					Due in 30 Days
			SALESPERSON		DOCUMENT REFERENCE
			UNASSIGNED SALESPER		
QUANTITY			PART NUMBER		DESCRIPTION
					UNIT PRICE
					EXT. PRICE

8000 Hr Inspection  
 D-39-E/94-A-16  
 Waukesha 7042GL C-11044/1  
 Ariel JGK/4 F-9510

8000 Hr Inspection  
 Inspect as per attached Sheets  
 Any extra work required will need to be approved first  
 Compressor  
 Inspect as per attached sheets  
 Any extra work required will need to be approved first  
 Leak test and replace valves as required

3.00	ARL-A-0661	LO FILTER ELEMENT,SPIN-ON	13.82	41.46
8.00	ARL-B-1032	GSKT,RET,10-13/16X6-3/4X1/32	11.92	95.36
1.00	ARL-C-6200	TOP COVER GASKET, RET, 1 PIECE, 77-5/8 X 20-3/8 X 1/32	210.09	210.09
12.00	BEP-153121	O-RING, DOOR	4.36	52.32
1.00	BEP-168922N	O-RING, FILTER POT	5.72	5.72
12.00	CAT-2434291	PLUG-SPARK	162.64	1,951.68
6.00	PNT-V2183	PAINT LIGHT GRAY SPRAY	15.86	95.16
48.50	SRV-FLD	FIELD LABOUR, REGULAR	82.00	3,977.00
4.50	SRV-FLD1	FIELD LABOUR, PREMIUM 1	123.00	553.50
4.50	SRV-FLD1-APR	FIELD LABOUR, PREMIUM 1 , APPRENTICE CNRL	115.50	519.75
48.50	SRV-FLD-APR	FIELD LABOUR, APPRENTICE CNRL	77.00	3,734.50
1,540.00	SRV-KMS	MILEAGE	1.00	1,540.00
1.00	SRV-LSR	LASER ALIGNMENT	150.00	150.00
10.00	SRV-SUB1	SUBSISTENCE	40.00	400.00
13.50	SRV-TVL	TRAVEL LABOUR, REGULAR	82.00	1,107.00
6.00	SRV-TVL1	TRAVEL LABOUR, PREMIUM 1	123.00	738.00
6.00	SRV-TVL1-APRCNRL	APPRENTICE TRAVEL LABOR, PREMIUM 1 CNRL	115.50	693.00
1.50	SRV-TVL2	TRAVEL LABOUR, PREMIUM 2	139.50	209.25
1.50	SRV-TVL2-APRCNRL	APPRENTICE TRAVEL LABOR, PREMIUM 2 CNRL	130.90	196.35
13.50	SRV-TVL-APRCNRL	APPRENTICE TRAVEL LABOUR, REGULAR CNRL	77.00	1,039.50

Continue on next page ...



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**FSJ67104**  
**Invoice No.** 064302  
**Invoice Date** 03/30/2020  
**Page Number** Page 2 of 2

BILL TO:		SHIP TO:	
CANADIAN NATURAL RESOURCES BAG 6450  FORT ST. JOHN, BC V1J 4H9		CANADIAN NATURAL RESOURCES d-39-E/94-A-16 d-39-E/94-A-16 CC# 30305000 PJ (Solution), BC	

INVOICE DATE	CUSTOMER PO	TERMS	SALESPERSON	DOCUMENT REFERENCE
03/30/2020		Due in 30 Days	UNASSIGNED SALESPER	

QUANTITY	PART NUMBER	DESCRIPTION	UNIT PRICE	EXT. PRICE
1.00	TDI-2-26119-002	RELAY VALVE REPAIR KIT	68.81	68.81
12.00	WAU-153894D	GASKET, ROCKER ARM COVER	17.56	210.72
7.00	WAU-168660B	ELEMENT FILT LUB OIL	25.35	177.45
12.00	WAU-209724F	PRECHAMBER, CYL. HEAD	114.01	1,368.12
1.00	WAU-A199868	BELT	34.35	34.35
1.00	WAU-A209617	BELT SET(2).88X65.5	104.45	104.45
2.00	WAU-A211797R	EXTENSION ASM., SPARK PLUG (V.HP)	94.75	189.50
-1.00	ZS-CNRL-CONTRACT	5% ADDITIONAL PARTS DISCOUNT	230.26	-230.26

GST # 807044912RT0001  
 SK-PST #2527091  
 BC-PST #1012-8618

**Sales Total** \$19,232.78

GST: 961.64

**Please remit to:**

**TOTAL CAD** \$20,194.42

Bidell Gas Compression Ltd 6900 - 112th Avenue S.E, Calgary, AB T2C 4Z1 Ph (403) 235-5877 Fax (403) 272-7749



# Field/Shop Timesheet

Date: March 2, 2020

Bidell Unit: XX-1317

Packager Unit: 2119

W/O: FSJ 67104

Unit Hours:

L.S.D.: D-39-E/94-A-16

County: Canada

Phone:

Customer: CNRL

Site Name: Solution Gas

Province / State: British Columbia

Customer Contact: Craig Kerpan

Work Requested: 8,000 Hr Service

Driver:

Make: Waukesha

Model: L7042GL

S/N: C-11044

Compressor:

Make: Ariel

Model: JGK/4

S/N: F-9510

Road

Conditions: Clear

Temp: 0

Work Performed: ☒ Field ☐ Shop

Prep, load parts, load equipment, travel to location, check in with ops, told to busy at Nancy to check if site blinded, went with another ops and checked to see if site at least blinded, traveled back to Nancy and told ops unit blinded but not locked out, informed ops to busy as safety watch at Nancy to do anything at Solution, told to try again tomorrow, check out with ops, travel back to FSJ. Complete Time Card.

Assisted By: Ryan

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
7:00	7:30	1.5		0.5	7:30	9:00	1.5	0	0.5	110
9:00	10:30	1.5	0.5		10:30	12:00	1.5	0.5		110
2	Total:	2	0.5	0.5	3	Total:	3	0.5	0.5	220

☒ Laser Aligner

☐ Vibration Analyzer

☐ Barring Device

☐ Exhaust Gas Analyzer

☐ Borescope

☐ Ignition Tester

Quantity:	Miscellaneous Parts:	Amount:	Serviceman's Expense:

Subsistence:

☐ Sub 1

☐ Sub 2

☐ 30 Minute Break

WORK COMPLETED

Technician: Tyler Collington

Employee Number: 1465

Unit # 264

Journeyman ☒

Apprentice ☐

Customer

Acknowledgement:

Branch Approval:



# Field/Shop Timesheet

Date: 3-02-2020

Bidell Unit:

Packager Unit: 2119

W/O: FSJ 67104

Unit Hours:

L.S.D.: D-39-E/94-A-16

Customer: CNRL

Site Name: Solution Gas

Province / State: British Columbia

County:

Customer Contact: Craig Kerpan

Phone:

Work Requested: Inspection

Driver:

Make: Waukesha

Model: 7042GL

S/N: C-11044/1

Compressor:

Make: Ariel

Model: JGK4

S/N: F-9510

Road

Conditions: Drifted snow

Temp: -3

Work Performed: ☒ Field ☐ Shop

Prep and load parts and tooling for inspection. Travel to Nancy office and meet with operator. Not sure if it was blinded off and ready for us to work on. Had another operator do a walk through with us to verify. It does appear to be locked out but he can't write us a permit. Travel back to Nancy and talk to operator again. He could not leave to give us a permit as he was busy with hot work permits. Operations was not ready for us and sent us back to FSJ. Travel back to FSJ.

Assisted By: Tyler Collington

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
7:00	7:30	.5			7:30	9:00	1.5			
9:00	10:30	1.5			10:30	12:00	1.5			
2	Total:	2			3	Total:	3			0

☐ Laser Aligner

☐ Vibration Analyzer

☐ Barring Device

☐ Exhaust Gas Analyzer

☐ Borescope

☐ Ignition Tester

Quantity:	Miscellaneous Parts:	Amount:	Serviceman's Expense:

Subsistence:

☐ Sub 1

☐ Sub 2

☐ 30 Minute Break

WORK COMPLETED

Technician: Ryan McGinnis

Employee Number: 2160

Unit #

Journeyman ☒

Apprentice ☐

Customer

Acknowledgement:

Branch Approval:









# Field/Shop Timesheet

Date: 3-05-2020

Bidell Unit: \_\_\_\_\_

Packager Unit: 2119

W/O: FSJ 67104

Unit Hours: 46507

L.S.D.: D-39-E/94-A-16

Customer: CNRL

Site Name: Solution Gas

Province / State: British Columbia

County: \_\_\_\_\_

Customer Contact: Craig Kerpan

Phone: \_\_\_\_\_

Work Requested: Inspection

Driver: \_\_\_\_\_

Compressor: \_\_\_\_\_

Make: Waukesha

Make: Ariel

Model: 7042GL

Model: JGK4

S/N: C-11044/1

S/N: F-9510

Road

Conditions: Drifted snow

Temp: -16

Work Performed: ☒ Field ☐ Shop

Prep and go to Hoerbiger and pick up all parts that they have ready. Travel to location. Check in with ops. Unload parts. Blow out VEE on engine and start checking all bolts in cover and cam followers found several bolts kind of loose and a few tubing lines as well. Went around on top of engine and double checked tightness on anything that could leak tightened up what was. Removed guard and checked belts. Replaced main and aux water pump belts put back on jack shaft belts and guarding. Assisted Tyler in putting throws 2 and 3 together completely. Performed runout and clearance bumps Pulled crank doors and pulled down main bearing #5 and right rod #5 reinstalled and torque to spec. Put new o-rings in doors and installed. Changed oil filters and filled canister with oil. Cleaned building and loaded up tools and traveled back to FSJ.

Assisted By: Tyler Collington

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
7:00	7:30	.5			7:30	9:00	1.5			
9:00	17:30	8	.5		17:30	19:00		1.5		
9 Total:		8.5	1.5		3 Total:		1.5	1.5		0

☐ Laser Aligner

☐ Vibration Analyzer

☐ Barring Device

☐ Exhaust Gas Analyzer

☐ Borescope

☐ Ignition Tester

Quantity:	Miscellaneous Parts:	Amount:	Serviceman's Expense:

Subsistence:

☒ Sub 1

☐ Sub 2

☐ 30 Minute Break

**WORK COMPLETED**

Technician: Ryan McGinnis

Employee Number: 2160

Unit # \_\_\_\_\_

Journeyman ☒

Apprentice ☐

Customer

Acknowledgement: \_\_\_\_\_

Branch Approval: \_\_\_\_\_







## Field/Shop Timesheet

Date: 3-06-2020

Friday

Bidell Unit:

Packager Unit: 2119

W/O: FSJ 67104

Unit Hours: 46507

L.S.D.: D-39-E/94-A-16

Customer: CNRL

Site Name: Solution Gas

Province / State: British Columbia

County:

Customer Contact: Craig Kerpan

Phone:

Work Requested: Inspection

Driver:

Make: Waukesha

Model: 7042GL

S/N: C-11044/1

Compressor:

Make: Ariel

Model: JGK4

S/N: F-9510

Road

Conditions: Drifted snow

Temp: -25

Work Performed: ☒ Field ☐ Shop

Prep and go to Hoerbiger and pick up all parts that they have ready. Travel to location. Check in with ops. Unload parts that we could, put in piston and checked crank end clearance. Helped picker truck get his picker working and unloaded volume pocket, installed and torqued to spec, checked head end clearance, installed valve and torque to spec. Started pumping oil into engine, set up for alignment, spun up alignment, installed guard. No heat in building took hours to pump oil into engine, rebuilt starter relay valve, cleaned up building. Could not paint package as it was -20 or so in building. Travel to FSJ. Complete time and unload truck and finish paperwork.

Assisted By: Tyler Collington

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
7:00	7:30	1.5			7:30	9:00	1.5			
9:00	15:00	6			15:00	16:30	1.5			
16:30	17:30	1.5	1.5							
7.5 Total:		7	1.5		3 Total:		3			0

☐ Laser Aligner☐ Vibration Analyzer☐ Barring Device☐ Exhaust Gas Analyzer☐ Borescope☐ Ignition Tester

Quantity:	Miscellaneous Parts:	Amount:	Serviceman's Expense:

Subsistence:

☐ Sub 1☐ Sub 2☐ 30 Minute Break

WORK COMPLETED

Technician: Ryan McGinnis

Employee Number: 2160

Unit #

Journeyman ☒Apprentice ☐

Customer

Acknowledgement:

Branch Approval:



# Field/Shop Timesheet

Date: 3-18-2020

Bidell Unit:

Packager Unit: 2119

W/C FSJ-67104

Unit Hours: 46507

L.S.D.: D-39-E/94-A-16

Customer: CNRL

Site Name: Solution Gas

Province / State: British Columbia

County:

Customer Contact: Craig Kerpan

Phone:

Work Requested: Start up unit

Driver:

Make: Waukesha

Model: 7042GL

S/N: C-11044/1

Compressor:

Make: Ariel

Model: JGK4

S/N: F-9510

Road

Conditions: Good

Temp: -3

Work Performed: ☒ Field ☐ Shop

Prep and load supplies to clean and paint unit once running. Travel to location. Sign onto permit and fill out JSA. Set up and try to start unit. Verified and topped up compressor oil. Had ops try for a start and were only getting 40 rpm out of unit. Found a gas leak by starter in tubing had E&I come in and repair. Ops went and got us a frost fighter as the oil was just too cold to start. Heated unit and prelubed a bunch of times. Tried again a few times and got unit to run but it went down on no flow issues. Primed system and got it working started unit and started to clean and paint while letting it warm up. Had 2 cold holes. Found loose AD valves and repair where the fitting goes into head. Re started unit and still had cold holes shut it down and changed plugs. Upon re start unit ran good, had ops bring on load and monitored engine. Was too late in day to finish washing and painting. Cleaned up and will head back in the morning to finish set up and painting and to check for leaks that were previously addressed.

Assisted By: Hans Anderson

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
7:00	7:30	15			7:30	9:00	15			110
9:00	19:00	8	12	3	19:00	20:30			15	110
10.5 Total:		85	12	3	3 Total:		15		15	220

☐ Laser Aligner

☐ Vibration Analyzer

☐ Barring Device

☐ Exhaust Gas Analyzer

☐ Borescope

☐ Ignition Tester

13.5

Quantity:	Miscellaneous Parts:	Amount:	Serviceman's Expense:

Subsistence:

☒ Sub 1

☐ Sub 2

☐ 30 Minute Break

WORK COMPLETED

Technician: Ryan McGinnis

Employee Number: 2160

Unit # 200

Journeyman ☒

Apprentice ☐

Customer

Acknowledgement:

Branch Approval:

Rc.



## Field Timesheet

Date: 18-Mar-20

Bidell Unit: \_\_\_\_\_

Packager Unit: 2119

W/ FSJ6710

Hours: 46507

P.O. Number: \_\_\_\_\_

Customer: CNRL

Site Name: PEEJAY

British Columbia

L.S.D.: D-39-E/94-A-16

Customer Contact: \_\_\_\_\_

Phone: \_\_\_\_\_

Title: \_\_\_\_\_

Invoice Address: \_\_\_\_\_

(Special Instructions:)

Work Requested: CLEAN, START AND PAINT UNIT

Driver: \_\_\_\_\_

Compressor: \_\_\_\_\_

Make: WAUKESHA

Make: ARIEL

Model: 7042GL

Model: JGK/4

S/N: NO TAG

S/N: F-9510

Road

Conditions: \_\_\_\_\_

Temp: \_\_\_\_\_

**Work Completed:**

PREP PARTS AND SERVICE TRUCK. TRAVEL TO SITE FROM FSJ. CHECK IN W/ OPS, SIGN ONTO PERMIT AND JSA. TOP COMPRESSOR UP W/ OIL. FILL AUX COOLANT. PRE LUBE AND FILL OIL FILTER HOUSING. UNIT HAD BEEN DOWN FOR 3 WEEKS W/ NO HEAT IN BUILDING SO WAS VERY COLD. ATTEMPT TO START UNIT, UNIT WOULD ONLY DO 40 RPM WHILE CRANKING AND NOT START. STAND BY FOR OPS TO BRING HEATER TO SITE. SET UP HEATER. ALLOW UNIT TO WARM UP. ATTEMPT TO START UNIT, UNIT SPINNING FASTER BUT STILL NO START. CLOSE FUEL VALVE AND ATTEMPT TO START UNIT, UNIT FIRED. MANUALLY RUN FUEL VALVE, UNIT STARTED. ALLOW UNIT TO REACH OPERATING TEMP. WASH UNIT DOWN. PAINT ENGINE. ATTEMPT TO LOAD UNIT. UNIT RUNNING VERY ROUGH AND NOT PULLING LOAD, FOUND CYLINDERS 4 AND 6 NO FIRING SUSPECT EPCC VALVES NOT WORKING. SHUT UNIT DOWN AND LOCK OUT. REMOVE EPCC'S AND REPLACE. START UNIT, ALL CYLINDERS FIRING. LOAD UNIT, CHECK ALL TEMPS AND PRESSURES, ALL OK. CLEAN UP. COMPLETE TIMESHEET. TRAVEL BACK TO FSJ.

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
7:00	7:30	.5		.5						
					7:30	9:00	1.5		.5	
9:00	19:00	8	2	.5						
					19:00	20:30			1.5	.5
10.5	Total: 10.5	8.5	2	.5	3	Total: 3	1.5		1.5	.5

☐ Laser Aligner☐ Vibration Analyzer☐ Barring Device☐ Exhaust Gas Analyzer☐ Borescope☐ Ignition Tester

13.5

Quantity:	Miscellaneous Parts:	Amount:	Serviceman's Expense:

Subsistence:

☒ Sub 1☐ Sub 2☐ 30 Minute Break**WORK COMPLETED**

Technician: HANS ANDERSEN

Employee Number: 2194

First Man: ☐Second Man: ☐

Customer

Acknowledgement: \_\_\_\_\_

Branch Approval: \_\_\_\_\_





## Field Timesheet

Date: 19-Mar-20

Bidell Unit: \_\_\_\_\_

Packager Unit: 2119

W/O: FSJ66065- 67104

Hours: 46507

Customer: CNRL

P.O. Number: \_\_\_\_\_

Site Name: PEEJAY

British Columbia ▼

L.S.D.: D-39-E/94-A-16

Customer Contact: \_\_\_\_\_

Phone: \_\_\_\_\_

Title: \_\_\_\_\_

Invoice Address: \_\_\_\_\_

(Special Instructions:)

Work Requested: CLEAN, START AND PAINT UNIT

Driver:

Make: WAUKESHA

Model: 7042GL

S/N: NO TAG

Compressor:

Make: ARIEL

Model: JGK/4

S/N: F-9510

Road

Conditions: \_\_\_\_\_

Temp: \_\_\_\_\_

Work Completed:

PREP PARTS AND SERVICE TRUCK. TRAVEL TO SITE FROM FSJ. CHECK IN W/ OPS, SIGN ONTO PERMIT AND JSA. INSPECT AND PHOTOGRAPH ALL LEAKS ON UNIT. FINISH CLEANING UNIT. FINISH PAINTING UNIT. CLEAN UP BUILDING.

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
7:00	7:30	1.5	0.5							
					7:30	9:00	1.5	0.5		
9:00	11:00	2	0.5							
2.5	Total: 2.5	2.5	0.5	0.5	1.5	Total: 1.5	1.5	0.5	0.5	

☐ Laser Aligner☐ Vibration Analyzer☐ Barring Device☐ Exhaust Gas Analyzer☐ Borescope☐ Ignition Tester

Quantity:	Miscellaneous Parts:	Amount:	Serviceman's Expense:

Subsistence:

☐ Sub 1☐ Sub 2☐ 30 Minute Break**WORK COMPLETED**

Technician: HANS ANDERSEN

Employee Number: 2194

First Man: ☐Second Man: ☐

Customer

Acknowledgement: \_\_\_\_\_

Branch Approval: \_\_\_\_\_

Branch Approval:







## Service Dispatch Confirmation

Call ID: FSJ67104

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Branch ID:	FSJ-WHS	Promised Date:	03/19/20
Customer ID:	1039	Estimated Time From:	08:00 AM
Customer Name:	CANADIAN NATURAL RESOURCES	Estimated Time To:	12:50 PM
Site ID:	6170		
Site Name:	CANADIAN NATURAL RESOURCES	Problem Code	01
Address:	d-39-E/94-A-16	Equipment ID	
City:	PJ (Solution)		
Caller Name:		Customer Unit #:	
Phone #:	(250) 261-5802		
PO #:			

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### EQUIPMENT DETAILS

#### SERVICE CALL NOTES :

*8000 Hr Inspection  
D-39-E/94-A-16  
Waukesha 7042GL C-11044/1  
Ariel JGK/4 F-9510*

*8000 Hr Inspection  
Inspect as per attached Sheets  
Any extra work required will need to be approved first  
Compressor  
Inspect as per attached sheets  
Any extra work required will need to be approved first  
Leak test and replace valves as required*