



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

FSJ67721

Invoice No. 065391
Invoice Date 04/30/2020
Page Number Page 1 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		
1039					
INVOICE DATE	CUSTOMER PO	TERMS	SALESPERSON	DOCUMENT REFERENCE	
04/30/2020		Due in 30 Days	UNASSIGNED SALESPER	INGERSOLL R6HOS4 6HF525 1045 XX-1315 WAUKESHA L7042GSI c-11495/2 1045	
QUANTITY	PART NUMBER	DESCRIPTION			UNIT PRICE EXT. PRICE

Engine not pullin Load
Parts needed for first thing Monday Morning:
1 Head and Hole and all related gaskets and parts
full set of plugs for the engine

5.00	BEP-153121	O-RING, DOOR	4.53	22.65
6.00	BEP-153121	O-RING, DOOR	4.53	27.18
1.00	BEP-168922N	O-RING, FILTER POT	5.72	5.72
1.00	BGC-18001	WRIST PIN, LARGE BORE VHP	23.65	23.65
12.00	CAT-2434291	PLUG-SPARK	183.67	2,204.04
4.00	DRE-30650005001	1-1/4 GASKET STYLE 65	7.76	31.04
1.00	REM-AD204802E	REM, CYLINDER HEAD ASM (VHP-.GL CSA)	1,995.28	1,995.28
16.50	SRV-FLD	FIELD LABOUR, REGULAR	85.00	1,402.50
8.00	SRV-FLD1	FIELD LABOUR, PREMIUM 1	127.50	1,020.00
10.50	SRV-FLD2	FIELD LABOUR, PREMIUM 2	144.50	1,517.25
2.50	SRV-FLD-APR	FIELD LABOUR, APPRENTICE CNRL	77.00	192.50
890.00	SRV-KMS	MILEAGE	1.00	890.00
2.00	SRV-SUB1	SUBSISTENCE	40.00	80.00
7.50	SRV-TVL	TRAVEL LABOUR, REGULAR	85.00	637.50
6.00	SRV-TVL2	TRAVEL LABOUR, PREMIUM 2	144.50	867.00
1.50	SRV-TVL-APRCNRL	APPRENTICE TRAVEL LABOUR, REGULAR CNRL	77.00	115.50
2.00	VOR-21120	BREATHER TOP	215.33	430.66
1.00	WAU-119397E	NBL RING CYL SLEEVE PKNG	23.59	23.59
2.00	WAU-119397G	NBL RING CYL SLEEVE PACK	14.16	28.32
7.00	WAU-168660B	ELEMENT FILT LUB OIL	15.18	106.26
1.00	WAU-199143E	GASKET, OIL DRAIN	1.98	1.98
1.00	WAU-205130R	NBL SLEEVE,CYL 9.375 BORE	1,010.98	1,010.98
1.00	WAU-205804	NBL PISTON, 9.375 INCH DIA.	1,004.14	1,004.14
1.00	WAU-209724F	PRECHAMBER, CYL. HEAD	99.93	99.93
2.00	WAU-44999C	RING,INT.RET.-300	9.91	19.82
1.00	WAU-A205210	BEARING,CONN ROD	222.49	222.49
1.00	WAU-G-907-238	SINGLE PISTON RING KIT	240.36	240.36
1.00	WAU-G-962-557	VHP 7042GL - TURBO DRAIN CONVERSION KIT	727.28	727.28

Continue on next page ...



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1039					
INVOICE DATE	CUSTOMER PO	TERMS	SALESPERSON	DOCUMENT REFERENCE	
04/30/2020		Due in 30 Days	UNASSIGNED SALESPER	INGERSOLL R6HOS4 6HF525 1045 XX-1315 WAUKESHA L7042GSI c-11495/2 1045	
QUANTITY	PART NUMBER	DESCRIPTION			UNIT PRICE EXT. PRICE
1.00	WAU-G-977-46	SNG HD GSKT ST			138.66 138.66
-1.00	ZS-CNRL-CONTRACT 5% ADDITIONAL PARTS DISCOUNT				418.20 -418.20

GST # 807044912RT0001 SK-PST #2527091 BC-PST #1012-8618		Sales Total	\$14,668.08
		GST:	733.40
Please remit to:		TOTAL CAD	\$15,401.48
Bidell Gas Compression Ltd 6900 - 112th Avenue S.E, Calgary, AB T2C 4Z1 Ph (403) 235-5877 Fax (403) 272-7749			



DRAFT PROFORMA ONLY - DO NOT PAY

FSJ67721

Page 1 of 2

BILL TO:	SHIP TO:
CANADIAN NATURAL RESOURCES	CANADIAN NATURAL RESOURCES
BAG 6450	d-39-E/94-A-16
FORT ST. JOHN, BC CA	d-39-E/94-A-16 CC# 30305000
	PJ (Solution), BCV1J 4H9

INVOICE DATE:	PO NUMBER:	PAYMENTS TERMS :	DOCUMENT REFERENCE		
01/01/1900		Due in 30 Days	INGERSOLL RA 6HOS4	6HF525	1045
			WAUKESHA L7042GSI	c-11495/2	
QTY	PART NUMBER	DESCRIPTION		UNIT PRICE	EXT PRICE

Engine not pullIn Load
 Parts needed for first thing Monday Morning:
 1 Head and Hole and all related gaskets and parts
 full set of plugs for the engine

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6.00	BEP-153121	O-RING, DOOR	4.53	27.18
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12.00	CAT-2434291	PLUG-SPARK	183.67	2204.04
4.00	DRE-30650005001	1-1/4 GASKET STYLE 65	7.76	31.04
1.00	REM-AD204802E	REM, CYLINDER HEAD ASM (VHP-.GL CS,	1995.28	1995.28
16.50	SRV-FLD	FIELD LABOUR, REGULAR	85.00	1,402.50
8.00	SRV-FLD1	FIELD LABOUR, PREMIUM 1	127.50	1,020.00
10.50	SRV-FLD2	FIELD LABOUR, PREMIUM 2	144.50	1,517.25
2.50	SRV-FLD-APR	FIELD LABOUR, APPRENTICE CNRL	77.00	192.50
890.00	SRV-KMS	MILEAGE	1.00	890.00
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6.00	SRV-TVL2	TRAVEL LABOUR, PREMIUM 2	144.50	867.00
1.50	SRV-TVL-APRCNRL	APPRENTICE TRAVEL LABOUR, REGULAR	77.00	115.50
2.00	VOR-21120	BREATHING TOP	215.33	430.66
1.00	WAU-119397E	NBL RING CYL SLEEVE PKNG	23.59	23.59
2.00	WAU-119397G	NBL RING CYL SLEEVE PACK	14.16	28.32
7.00	WAU-168660B	ELEMENT FILT LUB OIL	15.18	106.26
1.00	WAU-199143E	GASKET, OIL DRAIN	1.98	1.98
1.00	WAU-205130R	NBL SLEEVE,CYL 9.375 BORE	1010.98	1010.98
1.00	WAU-205804	NBL PISTON, 9.375 INCH DIA.	1004.14	1004.14
1.00	WAU-209724F	PRECHAMBER, CYL. HEAD	99.93	99.93
2.00	WAU-44999C	RING,INT.RET.-300	9.91	19.82
1.00	WAU-A205210	BEARING,CONN ROD	222.49	222.49
1.00	WAU-G-907-238	SINGLE PISTON RING KIT	240.36	240.36

Continue on next page....



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FORT ST. JOHN, BC CA	d-39-E/94-A-16 CC# 30305000
	PJ (Solution), BCV1J 4H9

INVOICE DATE:	PO NUMBER:	PAYMENTS TERMS:	DOCUMENT REFERENCE		
01/01/1900		Due in 30 Days	INGERSOLL RA 6HOS4	6HF525	1045
			WAUKESHA L7042GSI	c-11495/2	
QTY	PART NUMBER	DESCRIPTION	UNIT PRICE	EXT PRICE	
1.00	WAU-G-962-557	VHP 7042GL - TURBO DRAIN CONV.ERSK	727.28	727.28	
1.00	WAU-G-977-46	SNG HD GSKT ST	138.66	138.66	
-1.00	ZS-CNRL-CONTRACT	5% ADDITIONAL PARTS DISCOUNT	418.20	-418.20	

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

APPROVED

By Craig Kerpan at 12:48 pm, Apr 30, 2020

Sales Total \$14,668.08
GST: 754.35
TOTAL CAD \$15,401.52



Field Timesheet

Date: April 12/20

Sunday

Bidell Unit: _____

Packager Unit: 2119

W/O: FSS67721

Hours: 47987

Customer: Cnrl

P.O. Number: _____

Site Name: Solution Gas

Province: British Columbia

L.S.D.: D-39-E

Customer Contact: _____

Phone: _____

Title: _____

Invoice Address: _____

(Special Instructions:)

Work Requested: _____

Driver: _____

Compressor: _____

Make: Wauk

Make: Ariel

Model: 7042 GL

Model: JGK-4

S/N: _____

S/N: _____

Road

Conditions: _____

Temp: _____

Work Completed:

Prep fill out boarding sheet travel to site, permit pjha unit down talk with ops about issues with unit, unit covered in oil, pull plugs comp test LB cyl 1 had no compression re comp twice. Pull prep cup on cyl borescope, found piston coming apart and hitting valves in head, call foreman report findings did as requested check valve set put pre cup back in check comp again, pull pre cup call foreman rept findings drain coolant pull head clean parts make parts list call office with list travel back to fsj fill out paper work

Assisted By: _____

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	KM's
					12:00	13:30			1.5	120
13:30	19:00			5.5	19:00	20:30			1.5	120
5.5	Total:			5.5	3	Total:			3	240

☐ 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: Dwayne DeWetter

Employee Number: 1681 #234

First Man: ☐Second Man: ☐

Customer

Acknowledgement: _____

Branch Approval: RCC

Field Timesheet

Date: April 13/20

Bidell Unit: _____

Packager Unit: 2119

W/O: FSJ 67721

Hours: 47987

Customer: Cnrl

P.O. Number: _____

Site Name: Solution Gas

Province: British Columbia

L.S.D.: D-39-E

Customer Contact: _____

Phone: _____

Title: _____

Invoice Address: _____

(Special Instructions:)

Work Requested: _____

Driver:

Make: Wauk

Model: 7042 GL

S/N: _____

Compressor:

Make: Ariel

Model: JGK-4

S/N: _____

Road

Conditions: _____

Temp: _____

Work Completed:

Prep fill out boarding sheet travel to site, permit ppha put locks on unit pull piston and liner clean parts re n re Head n Hole fix various leaks on unit change oil and oil filters lay down soakers to pick up oil laying around unit fill unit with coolant found balance line on J/W plugged unplug line and fill J/W prelube attempt to start unit would fire then quit, unit had no alarms rety unit still nothing test add valves found we had ones not working had all working but two try again unit would fire up the fade out and die, all pressures good, put new plugs in, clean Pickups on unit reset EPCC system try for another start unit did the same thing, talk with maintenece foreman tried starting unit couple more times unit was still doing the same so left unit down and travel back to fsj

Assisted By: _____

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	KM's
7:00	7:30	.5			7:30	9:00	1.5			120
9:00	21:30	6	4	2.5	21:30	23:00			1.5	120
13 Total:		6.5	4	2.5	3 Total:		1.5		1.5	240

☐ Laser Aligner

☐ Vibration Analyzer

☐ Barring Device

☐ Exhaust Gas Analyzer

☐ Borescope

☐ Ignition Tester

16 ✓

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

Subsistence:

☒ Sub 1

☐ Sub 2

☐ 30 Minute Break

WORK COMPLETED

Technician: Dwayne DeWetter

Employee Number: 1681 #234

First Man: ☐

Second Man: ☐

Customer

Acknowledgement: _____

Branch Approval: RLL



Field/Shop Timesheet

Date: 4-13-2020

Bidell Unit: _____

Packager Unit: 2119W/O: FSJ 67721

Unit Hours: _____

L.S.D.: D-39-E/94-A-16Customer: CNRLSite Name: Solution GasProvince / State: British Columbia

County: _____

Customer Contact: Craig Kerpan

Phone: _____

Work Requested: Head and hole, leaks.

Driver: _____

Make: WaukeshaModel: 7042GLS/N: C-11044/1

Compressor: _____

Make: ArielModel: JGK4S/N: F-9510

Road _____

Conditions: GoodTemp: 5Work Performed: ☒ Field ☐ Shop

Prep and load parts, travel to site and sign onto permit and JSA. LOTO. Pull #1 piston and liner on left bank head was already off. Cleaned fits and prepped deck, built piston and installed bearing, installed liner orings and stabbed liner and piston assembly. Installed cap on rod and torqued to spec. Pulled all doors and replace all o-rings, swabbed crankcase and cleaned around engine and compressor as the oil had went everywhere on failure, Helped Darren with turbo drain lines, and intercooler piping dressers. Stacked head with Dwayne. filled coolant and inspected for leaks into crankcase none. Installed all crankshaft doors, Filled unit with oil. Put unit in test mode and got all the ad valves to click. Had ops try to start unit several times, cleaned pickups and tried test mode for all the ad valves again. Had ops try some more verified fuel pressure and spark. Unit will catch and run at very low RPM for 5-10 seconds but will not ramp up. Called customer and he said to leave unit down overnight and go back in the morning. Cleaned up building loaded parts and took out contaminants to hazco. Traveled back to FSJ. Complete paperwork.

Assisted By: Dwayne Dewetter, Darren Morgan

Field Labour:			(Office Use Only)			Travel Labour:			(Office Use Only)			
Start	Finish		Regular	Prem 1	Prem 2	Start	Finish		Regular	Prem 1	Prem 2	KM's
7:00	7:30		0.5			7:30	9:00		1.5			
9:00	21:30		6	4	2.5	21:30	23:00				1.5	
13 Total:			6.5	4	2.5	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 McGinnisEmployee Number: 2160

Unit # _____

Journeyman ☒Apprentice ☐

Customer _____

Acknowledgement: _____

Branch Approval: RLC



Field/Shop Timesheet

Date: April 13 2020

Bidell Unit: _____

Packager Unit: _____

W/C: FSJ 67721

Unit Hours: _____

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

Customer: CNRL

Site Name: Solution Gas

Province / State: British Columbia

County: Canada

Customer Contact: _____

Phone: _____

Work Requested: Hot Shot

Driver: _____

Compressor: _____

Make: _____

Make: _____

Model: _____

Model: _____

S/N: _____

S/N: _____

Road

Conditions: _____

Temp: _____

Work Performed: ☐ Field ☒ Shop

Gather parts and supplies, hotshot parts from town out to location. (Got turned around a couple times to bring more items to location).

Assisted By: _____

Field Labour:		(Office Use Only)			Travel Labour:		(Office Use Only)			
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	KM's
12.0	13.0	1			13.0	14.5	1.5			150
					14.5	16.0	1.5			150
Total:		1			3 Total:		3			300

☐ 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: Martin Hogg

Employee Number: 1996

Unit # 233

Journeyman ☐Apprentice ☐

Customer

Acknowledgement: _____

Branch Approval: RLC



Field/Shop Timesheet

Date: 4-14-2020

Bidell Unit: _____

Packager Unit: 2119

W/O: FSJ 67721

Unit Hours: 32767

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: Troubleshoot no start

Driver: _____

Make: Waukesha

Model: 7042GL

S/N: C-11044/1

Compressor: _____

Make: Ariel

Model: JGK4

S/N: F-9510

Road

Conditions: Good

Temp: 5

Work Performed: ☒ Field ☐ Shop

Prep and travel to site, sign onto permit and JSA. Have ops try to start unit and monitor lean burn rail pressure and it does not drop. Remove feed lines to ad valves and start test mode. After we tapped unit to get them all clicking used trapon gun to pump high pressure penetrating oil in the valves. Installed all feed lines and operator try to start unit and it started. Had a cold cylinder on right bank. Shut down unit and replaced ad valve right bank # 2. Started unit and monitored up to temp. Clean up and travel to next site.

Assisted By: Reece Kerpan, Darren Morgan

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	0.5			7:30	9:00	1.5			110
9:00	11:00	2								
2.5 Total:		2.5			1.5 Total:		1.5			110

☐ 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: 4-14-2020

Bidell Unit:

Packager Unit: 2119

W/O: FST 67721

Unit Hours: 32767

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: Troubleshoot no start

Driver:

Make: Waukesha

Model: 7042GL

S/N: C-11044/1

Compressor:

Make: Ariel

Model: JGK4

S/N: F-9510

Road

Conditions: Good

Temp: 5

Work Performed: ☒ Field ☐ Shop

Prep and travel to site, sign onto permit and JSA. Have ops try to start unit and monitor lean burn rail pressure and it does not drop. Remove feed lines to ad valves and start test mode. After we tapped unit to get them all clicking used trapon gun to pump high pressure penetrating oil in the valves. Installed all feed lines and operator try to start unit and it started. Had a cold cylinder on right bank. Shut down unit and replaced ad valve right bank # 2. Started unit and monitored up to temp. Clean up and travel to next site.

Assisted By: Ryan, Darren Morgan

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	11:00	2								
2.5 Total:		2.5			1.5 Total:		1.5			

☐ 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: Reece Kerpan

Employee Number: 1759

Unit #

Journeyman ☒

Apprentice ☐

Customer

Acknowledgement:

Branch Approval:

ALL

Date 4/13/2020 07:15am



Service Dispatch Confirmation

Call ID: FSJ67721

Branch ID:	FSJ-WHS	Promised Date:	04/13/20
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	XX-1315
City:	PJ (Solution)		
Caller Name:		Customer Unit #:	1045
Phone #:	(250) 261-5802		
PO #:			

EQUIPMENT DETAILS

INGERSOLL RAND	6HOS4	6HF525	INGERSOLL-RAND
WAUKESHA	L7042GSI	c-11495/2	WAUKESHA

SERVICE CALL NOTES :

*Engine not pullin Load
Parts needed for first thing Monday Morning:
1 Head and Hole and all related gaskets and parts
full set of plugs for the engine*