



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	1039	CANADIAN NATURAL RESOURCES d-39-E/94-A-16 d-39-E/94-A-16 CC# 30305000 PJ (Solution), BC		DOCUMENT REFERENCE			
INVOICE DATE	CUSTOMER PO	TERMS	SALESPERSON	INGERSOLL R6HOS4	6HF525	1045	XX-1315
04/30/2020		Due in 30 Days	UNASSIGNED SALESPER	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-TV1	TRAVEL LABOUR, REGULAR		85.00	637.50		
6.00	SRV-TV12	TRAVEL LABOUR, PREMIUM 2		144.50	867.00		
1.50	SRV-TV1-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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BILL TO:		SHIP TO:		DOCUMENT REFERENCE			
INVOICE DATE	CUSTOMER PO	TERMS	SALESPERSON	DOCUMENT REFERENCE			
04/30/2020		Due in 30 Days	UNASSIGNED SALESPER	INGERSOLL R6HOS4	6HF525	1045	XX-1315
1.00	WAU-G-977-46	SNG HD GSKT ST		WAUKESHA L7042GSI	c-11495/2	1045	
-1.00	ZS-CNRL-CONTRACT	5% ADDITIONAL PARTS DISCOUNT					
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	Sales Total	\$14,668.08
SK-PST #2527091		
BC-PST #1012-8618	GST:	733.40
	TOTAL CAD	\$15,401.48
Please remit to:		
<i>Bidell Gas Compression Ltd 6900 - 112th Avenue S.E, Calgary, AB T2C 4Z1 Ph (403) 235-5877 Fax (403) 272-7749</i>		

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

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

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DRAFT PROFORMA ONLY - DO NOT PAY

FSJ67721

Page 2 of 2

BILL TO: CANADIAN NATURAL RESOURCES BAG 6450 FORT ST. JOHN, BC CA	SHIP TO: CANADIAN NATURAL RESOURCES d-39-E/94-A-16 d-39-E/94-A-16 CC# 30305000 PJ (Solution), BCV1J 4H9
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INVOICE DATE:	PO NUMBER:	PAYMENTS TERMS:	DOCUMENT REFERENCE		
01/01/1900		Due In 30 Days	INGERSOLL RA 6HOS4 WAUKESHA L7042GSI	6HF526 c-11495/2	1045
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	

APPROVED

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

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

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: F5567721

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)			KM's
Start	Finish	Regular	Prem 1	Prem 2	Start	Finish	Regular	Prem 1	Prem 2	
					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

8.5

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

Subsistence:

 Sub 1

WORK COMPLETED

 Sub 2 30 Minute Break

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:

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 put locks on unit pull piston and liner clean plants 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)			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			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

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: 2119

W/O: FSJ 67721

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: Head and hole, leaks.

Driver:

Compressor:

Make: Waukesha

Make: Ariel

Model: 7042GL

Model: JGK4

S/N: C-11044/1

S/N: F-9510

Road

Conditions: Good

Temp: 5

Work 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)			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	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 McGinnis

Employee Number: 2160

Unit #

 Journeyman ApprenticeCustomer
Acknowledgement:

Branch Approval:



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:

Compressor:

Make: Waukesha

Make: Ariel

Model: 7042GL

Model: JGK4

S/N: C-11044/1

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 trabon 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)			
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			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

4

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

Subsistence:

 Sub 1

WORK COMPLETED

 Sub 2 30 Minute Break

Technician: Ryan McGinnis

Employee Number: 2160

Unit #

Customer Acknowledgement: _____

Journeyman Apprentice

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:

Compressor:

Make: Waukesha

Make: Ariel

Model: 7042GL

Model: JGK4

S/N: C-11044/1

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 trabon 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**WORK COMPLETED** Sub 2 30 Minute Break

Technician: Reece Kerpan

Employee Number: 1759

Unit #

Journeyman Apprentice Customer
Acknowledgement:Branch Approval: RKC



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	Problem Code	01
Site Name:	CANADIAN NATURAL RESOURCES	Equipment ID	XX-1315
Address:	d-39-E/94-A-16		
City:	PJ (Solution)		
Caller Name:		Customer Unit #:	1045
Phone #:	(250) 261-5802		
PO #:			

EQUIPMENT DETAILS

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