



Company: Bluestar Engineering  
 Quote: 2x50% Service  
 Case 1: Surplus Unit #6098

### Ariel Performance

Customer: CNRL  
 Inquiry: Fort St. John  
 Project: CNRL Septimus Oil Battery



#### Compressor Data:

Elevation,ft:	2000.00	Barmtr,psia:	13.651	Ambient, °C:	37.78
Frame: <b>(ELP)</b>	JGK/4	Stroke, in:	5.50	Rod Dia, in:	2.000
Max RL Tot, lbf:	74000	Max RL Tens, lbf:	37000	Max RL Comp, lbf:	40000
Rated RPM:	1200	Rated BHP:	2540.0	Rated PS FPM:	1100.0
Calc RPM:	1200.0	BHP:	1329	Calc PS FPM:	1100.0

#### Driver Data:

Type:	Nat. Gas
Mfg:	Waukesha
Model:	L7042GSI
BHP:	1480
Avail:	1380 (100)

#### Services

Gas Model

#### Service 1

VMG

#### Stage Data:

	1	2	3
Target Flow, MMSCFD	7.500	7.500	7.500
Flow Calc, MMSCFD	8.541	8.541	8.541
BHP per Stage	678.9	432.6	193.4
Specific Gravity	0.7120	0.7120	0.7120
Ratio of Sp Ht (N)	1.2238	1.2403	1.2593
Comp Suct (Zs)	0.9876	0.9591	0.9160
Comp Disch (Zd)	0.9815	0.9498	0.9108
Pres Suct Line, psig	50.00	N/A	N/A
Pres Suct Flg, psig	49.36	197.21	428.19
Pres Disch Flg, psig	201.19	433.78	585.00
Pres Disch Line, psig	N/A	N/A	575.00
Pres Ratio F/F	3.409	2.122	1.355
Temp Suct, °C	48.89	48.89	48.89
Temp Clr Disch, °C	48.89	48.89	48.89

CONDITION u c u

#### Cylinder Data:

#### Throw 1

#### Throw 3

#### Throw 4

#### Throw 2

	14-1/8K	14-1/8K	9-5/8K	6-1/4K
Cyl Model	14-1/8K ✓	14-1/8K ✓	9-5/8K ✓	6-1/4K ✓
Cyl Bore, in	14.125 ✓	14.125 ✓	9.625 ✓	6.250 ✓
Cyl RDP (API), psig	577.3	577.3	1154.5	1863.6
Cyl MAWP, psig	635.0	635.0	1270.0	2050.0
Cyl Action	DBL	DBL	DBL	DBL
Cyl Disp, CFM	1185.0	1185.0	543.8	222.4
Pres Suct Intl, psig	44.84	44.84	179.56	401.90
Temp Suct Intl, °C	54	54	51	50
Pres Disch Intl, psig	214.17	214.17	473.96	638.89
Temp Disch Intl, °C	146	146	115	81
HE Suct Gas Vel, FPM	8676	8676	9307	7880
HE Disch Gas Vel, FPM	7488	7488	8748	8441
HE Spcrs Used/Max	0/4	0/4	0/4	0/2
HE Vol Pkt Avail	0.81+46.13	0.81+46.13	No Pkt	No Pkt
Vol Pkt Used	0.00 (V) %	0.00 (V) %	No Pkt	No Pkt
HE Min Clr, %	16.00	16.00	16.00	19.44
HE Total Clr, %	16.81	16.81	16.00	19.44
CE Suct Gas Vel, FPM	8502	8502	8905	7074
CE Disch Gas Vel, FPM	7338	7338	8371	7577
CE Spcrs Used/Max	0/4	0/4	0/4	0/2
CE Min Clr, %	16.72	16.72	17.27	23.13
CE Total Clr, %	16.72	16.72	17.27	23.13
Suct Vol Eff HE/CE, %	64.3/64.4	64.3/64.4	81.9/80.8	91.2/90.1
Disch Event HE/CE, ms	7.5/8.8	7.5/8.8	10.8/12.4	15.3/16.5
Suct Pseudo-Q HE/CE	6.5/6.2	6.5/6.2	9.2/8.4	6.9/5.6
Gas Rod Ld Comp, %	66.8 C	66.8 C	55.1 C	21.6 C
Gas Rod Ld Tens, %	69.8 T	69.8 T	53.7 T	14.0 T
Gas Rod Ld Total, %	71.0	71.0	56.7	18.7
Xhd Pin Deg/%RvrsI lbf	176/88.0	176/88.0	167/94.6	156/78.4
Flow Calc, MMSCFD	4.270	4.270	8.541	8.541
Cyl BHP	339.4	339.4	432.6	193.4

## COMPRESSOR UNIT 6098

Return to Search (/my\_account/all\_available?utf8=%E2%9C%93&is\_first\_search=&with\_equipment\_type=Compressor&with\_title=&with\_on\_hold\_by=&with\_compressor\_make=Ariel&with\_compressor\_model=&with\_driver\_ma

### Photos/Drawings




Request a Hold

Company	
Year Built	1989
Condition	C

### Internal Photos/Drawings

### Contact Information

### Documents

-  Asset Recovery Group
-  Canadian Natural Resources Limited
-  2500, 855 - 2 Street S.W.  
Calgary, Alberta  
T2P 4J8

### Internal Documents

### Compressor

Make	Ariel
Model	JGK/4
Type	Recip

-  [assetrecovery@cnrl.com](mailto:assetrecovery@cnrl.com)  
(mailto:assetrecovery@cnrl.com?body=RE%3A%20https%3A%2F%2Fpngequipment.com%2Fcompressors%2F497&subject=PNG%20Equipment%3A%20COMPRESSOR%20UNIT%206098)

### Driver

Make	Waukesha
Model	L7042GSI
Type	Gas

### Other

Horsepower	1478
Cylinder Sizes	14.125, 14.125, 9.625, 6.25
Stages	3
Sour Service	No
MAWP (kPa)	0
MAWP (PSI)	0

### Pricing Information

Price	
MT Value	
Book Value	

### Serial Numbers

A#	
CRN#	
Serial#	6098
Internal Identifier	
Account Number	

### Location

Operating Area	St. Albert North
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Company: Bluestar Engineering  
 Quote: 2x50% Service  
 Case 1: Surplus Unit #5017

### Ariel Performance

Customer: CNRL  
 Inquiry: Fort St. John  
 Project: CNRL Septimus Oil Battery



#### Compressor Data:

Elevation,ft:	2000.00	Barmtr,psia:	13.651	Ambient, °C:	37.78
Frame: <b>(ELP)</b>	JGK/4	Stroke, in:	5.50	Rod Dia, in:	2.000
Max RL Tot, lbf:	74000	Max RL Tens, lbf:	37000	Max RL Comp, lbf:	40000
Rated RPM:	1200	Rated BHP:	2540.0	Rated PS FPM:	1100.0
Calc RPM:	1200.0	BHP:	1305	Calc PS FPM:	1100.0

#### Driver Data:

Type:	Nat. Gas
Mfg:	Waukesha
Model:	L7042GSI
BHP:	1480
Avail:	1380 (100)

#### Services

Gas Model

#### Service 1

VMG

#### Stage Data:

	1	---	2	3
Target Flow, MMSCFD	7.500	---	7.500	7.500
Flow Calc, MMSCFD	8.442	---	8.442	8.442
BHP per Stage	680.1	---	465.4	135.3
Specific Gravity	0.7120	---	0.7120	0.7120
Ratio of Sp Ht (N)	1.2236	---	1.2398	1.2627
Comp Suct (Zs)	0.9876	---	0.9584	0.9081
Comp Disch (Zd)	0.9814	---	0.9483	0.9044
Pres Suct Line, psig	50.00	---	N/A	N/A
Pres Suct Flg, psig	49.36	---	200.80	472.01
Pres Disch Flg, psig	204.78	---	477.60	585.00
Pres Disch Line, psig	N/A	---	N/A	575.00
Pres Ratio F/F	3.466	---	2.291	1.233
Temp Suct, °C	48.89	---	48.89	48.89
Temp Clr Disch, °C	48.89	---	48.89	48.89

CONDITION "C"

#### Cylinder Data:

	Throw 1	Throw 3	Throw 4	Throw 2
Cyl Model	14-1/8K	14-1/8K	9-5/8K	6-1/4K
Cyl Bore, in	14.125 ✓	14.125 ✓	9.625 ✓	5.875 ✓
Cyl RDP (API), psig	577.3	577.3	1154.5	1863.6
Cyl MAWP, psig	635.0	635.0	1270.0	2050.0
Cyl Action	DBL	DBL	DBL	DBL
Cyl Disp, CFM	1185.0	1185.0	543.8	195.1
Pres Suct Intl, psig	44.84	44.84	182.85	449.54
Temp Suct Intl, °C	54	54	52	50
Pres Disch Intl, psig	217.94	217.94	521.14	627.92
Temp Disch Intl, °C	147	147	121	72
HE Suct Gas Vel, FPM	8676	8676	9307	6963
HE Disch Gas Vel, FPM	7488	7488	8748	7458
HE Spcrs Used/Max	0/4	0/4	0/4	0/2
HE Vol Pkt Avail	0.81+46.13	0.81+46.13	No Pkt	No Pkt
Vol Pkt Used	0.00 (V) %	0.00 (V) %	No Pkt	No Pkt
HE Min Clr, %	16.00	16.00	16.00	23.05
HE Total Clr, %	16.81	16.81	16.00	23.05
CE Suct Gas Vel, FPM	8502	8502	8905	6156
CE Disch Gas Vel, FPM	7338	7338	8371	6594
CE Spcrs Used/Max	0/4	0/4	0/4	0/2
CE Min Clr, %	16.72	16.72	17.27	27.85
CE Total Clr, %	16.72	16.72	17.27	27.85
Suct Vol Eff HE/CE, %	63.5/63.6	63.5/63.6	79.6/78.3	92.6/91.6
Disch Event HE/CE, ms	7.4/8.8	7.4/8.8	10.3/11.7	16.7/17.8
Suct Pseudo-Q HE/CE	6.5/6.2	6.5/6.2	9.2/8.4	5.4/4.2
Gas Rod Ld Comp, %	68.2 C	68.2 C	63.2 C	15.8 C
Gas Rod Ld Tens, %	71.4 T	71.4 T	61.9 T	7.6 T
Gas Rod Ld Total, %	72.6	72.6	65.1	12.3
Xhd Pin Deg/%RvrsI lbf	176/88.5	176/88.5	169/98.1	155/75.8
Flow Calc, MMSCFD	4.221	4.221	8.442	8.442
Cyl BHP	340.1	340.1	465.4	135.3

## COMPRESSOR UNIT 5017

Return to Search (/my\_account/all\_available?utf8=%E2%9C%93&is\_first\_search=&with\_equipment\_type=Compressor&with\_title=&with\_on\_hold\_by=&with\_compressor\_make=Ariel&with\_compressor\_model=&with\_driver\_mak

Request a Hold

<b>Company</b>	
<b>Year Built</b>	1995
<b>Condition</b>	C




### Photos/Drawings

### Internal Photos/Drawings

### Documents

### Internal Documents

### Contact Information


-  Asset Recovery Group
-  Canadian Natural Resources Limited
-  2500, 855 - 2 Street S.W.  
Calgary, Alberta  
T2P 4J8

### Compressor

<b>Make</b>	Ariel
<b>Model</b>	JGK/4
<b>Type</b>	Recip

### Driver

<b>Make</b>	Waukesha
<b>Model</b>	L7042GSI
<b>Type</b>	Gas

-  [assetrecovery@cnrl.com](mailto:assetrecovery@cnrl.com)  
(mailto:assetrecovery@cnrl.com?body=RE%3A%20https%3A%2F%2Fpngequipment.com%2Fcompressors%2F476&subject=PNG%20Equipment%3A%20COMPRESSOR%20UNIT%205017)

### Other

<b>Horsepower</b>	1478
<b>Cylinder Sizes</b>	14.125, 14.125, 9.825, 5.875
<b>Stages</b>	3
<b>Sour Service</b>	No
<b>MAWP (kPa)</b>	0
<b>MAWP (PSI)</b>	0

### Pricing Information

<b>Price</b>	
<b>MT Value</b>	
<b>Book Value</b>	

### Serial Numbers

<b>A#</b>	
<b>CRN#</b>	
<b>Serial#</b>	5017
<b>Internal Identifier</b>	
<b>Account Number</b>	

### Location

<b>Operating Area</b>	Fort St. John Central
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Company: Bluestar Engineering  
 Quote: 2x50% Service  
 Case 1: Surplus Unit #2649

### Ariel Performance

Customer: CNRL  
 Inquiry: Fort St. John  
 Project: CNRL Septimus Oil Battery



#### Compressor Data:

Elevation,ft:	2000.00	Barmtr,psia:	13.651	Ambient, °C:	37.78
Frame: (ELP)	JGK/4	Stroke, in:	5.50	Rod Dia, in:	2.000
Max RL Tot, lbf:	74000	Max RL Tens, lbf:	37000	Max RL Comp, lbf:	40000
Rated RPM:	1200	Rated BHP:	2540.0	Rated PS FPM:	1100.0
Calc RPM:	1200.0	BHP:	1207	Calc PS FPM:	1100.0

#### Driver Data:

Type:	Nat. Gas
Mfg:	Waukesha
Model:	L7042GSI
BHP:	1480
Avail:	1380 (100)

#### Services

Gas Model

#### Service 1

VMG

#### Stage Data:

	1	---	2	3
Target Flow, MMSCFD	7.500	---	7.500	7.500
Flow Calc, MMSCFD	7.830	---	7.830	7.830
BHP per Stage	574.7	---	404.7	203.7
Specific Gravity	0.7120	---	0.7120	0.7120
Ratio of Sp Ht (N)	1.2246	---	1.2390	1.2572
Comp Suct (Zs)	0.9876	---	0.9621	0.9209
Comp Disch (Zd)	0.9818	---	0.9531	0.9148
Pres Suct Line, psig	50.00	---	N/A	N/A
Pres Suct Flg, psig	49.36	---	181.40	401.15
Pres Disch Flg, psig	185.38	---	406.74	585.00
Pres Disch Line, psig	N/A	---	N/A	575.00
Pres Ratio F/F	3.159	---	2.155	1.443
Temp Suct, °C	48.89	---	48.89	48.89
Temp Clr Disch, °C	48.89	---	48.89	48.89

CONDITION "C"

#### Cylinder Data:

	Throw 1	Throw 3	Throw 4	Throw 2
Cyl Model	14-1/8K	14-1/8K	9-5/8K	6-1/4K
Cyl Bore, in	13.625 ✓	13.625 ✓	9.625 ✓	6.250 ✓
Cyl RDP (API), psig	577.3	577.3	1154.5	1863.6
Cyl MAWP, psig	635.0	635.0	1270.0	2050.0
Cyl Action	DBL	DBL	DBL	DBL
Cyl Disp, CFM	1101.8	1101.8	543.8	222.4
Pres Suct Intl, psig	45.45	45.45	165.13	376.62
Temp Suct Intl, °C	53	53	52	50
Pres Disch Intl, psig	195.96	195.96	444.29	638.00
Temp Disch Intl, °C	138	138	116	86
HE Suct Gas Vel, FPM	8072	8072	9307	7880
HE Disch Gas Vel, FPM	6967	6967	8748	8441
HE Spcrs Used/Max	0/4	0/4	0/4	0/2
HE Vol Pkt Avail	0.87+49.58	0.87+49.58	No Pkt	No Pkt
Vol Pkt Used	0.00 (V) %	0.00 (V) %	No Pkt	No Pkt
HE Min Clr, %	18.55	18.55	16.00	19.44
HE Total Clr, %	19.42	19.42	16.00	19.44
CE Suct Gas Vel, FPM	7899	7899	8905	7074
CE Disch Gas Vel, FPM	6817	6817	8371	7577
CE Spcrs Used/Max	0/4	0/4	0/4	0/2
CE Min Clr, %	19.37	19.37	17.27	23.13
CE Total Clr, %	19.37	19.37	17.27	23.13
Suct Vol Eff HE/CE, %	63.4/63.4	63.4/63.4	81.4/80.3	89.7/88.3
Disch Event HE/CE, ms	7.6/9.0	7.6/9.0	10.7/12.2	14.4/15.8
Suct Pseudo-Q HE/CE	5.6/5.4	5.6/5.4	9.2/8.4	6.9/5.5
Gas Rod Ld Comp, %	55.3 C	55.3 C	52.2 C	23.3 C
Gas Rod Ld Tens, %	57.6 T	57.6 T	51.0 T	16.1 T
Gas Rod Ld Total, %	58.7	58.7	53.7	20.6
Xhd Pin Deg/%Rvrsl lbf	172/85.4	158/82.7	166/93.2	156/80.9
Flow Calc, MMSCFD	3.915	3.915	7.830	7.830
Cyl BHP	287.3	287.3	404.7	203.7

## COMPRESSOR UNIT 2649

Return to Search (/my\_account/all\_available?utf8=%E2%9C%93&is\_first\_search=&with\_equipment\_type=Compressor&with\_title=&with\_on\_hold\_by=&with\_compressor\_make=Ariel&with\_compressor\_model=&with\_driver\_ma

Company	
Year Built	
Condition	C

### Compressor

Make	Ariel
Model	JGK/4
Type	Recip

### Driver

Make	Waukesha
Model	L7042GSI
Type	Gas

### Other

Horsepower	1478
Cylinder Sizes	13.625, 13.625, 9.625, 6.25
Stages	3
Sour Service	No
MAWP (kPa)	0
MAWP (PSI)	0

### Pricing Information

Price	
MT Value	
Book Value	

### Serial Numbers

A#	
CRN#	
Serial#	2649
Internal Identifier	
Account Number	

### Location

Operating Area	Grande Prairie North
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### Photos/Drawings






#### Internal Photos/Drawings

#### Documents

#### Internal Documents

Request a Hold

### Contact Information

-  Asset Recovery Group
-  Canadian Natural Resources Limited
-  2500, 855 - 2 Street S.W.  
Calgary, Alberta  
T2P 4J8
- 
-  [assetrecovery@cnrl.com](mailto:assetrecovery@cnrl.com)  
(mailto:assetrecovery@cnrl.com?body=RE%3A%20https%3A%2F%2Fpngequipment.com%2Fcompressors%2F1117&subject=PNG%20Equipment%3A%20COMPRESSOR%20UNIT%202649)



Company: Bluestar Engineering  
 Quote: 2x50% Service  
 Case 1: Surplus Unit #3575

### Ariel Performance

Customer: CNRL  
 Inquiry: Fort St. John  
 Project: CNRL Septimus Oil Battery



#### Compressor Data:

Elevation,ft:	2000.00	Barmtr,psia:	13.651	Ambient,°C:	37.78
Frame: (ELP)	JGK/4	Stroke, in:	5.50	Rod Dia, in:	2.000
Max RL Tot, lbf:	74000	Max RL Tens, lbf:	37000	Max RL Comp, lbf:	40000
Rated RPM:	1200	Rated BHP:	2540.0	Rated PS FPM:	1100.0
Calc RPM:	1200.0	BHP:	1156	Calc PS FPM:	1100.0

#### Driver Data:

Type: Nat. Gas  
 Mfg: Waukesha  
 Model: L7042GSI  
 BHP: 1480  
 Avail: 1380 (100)

#### Services

Gas Model

#### Service 1

VMG

#### Stage Data:

	1	---	2	3
Target Flow, MMSCFD	7.500	---	7.500	7.500
Flow Calc, MMSCFD	7.583	---	7.583	7.583
BHP per Stage	576.7	---	300.0	255.5
Specific Gravity	0.7120	---	0.7120	0.7120
Ratio of Sp Ht (N)	1.2242	---	1.2413	1.2528
Comp Suct (Zs)	0.9876	---	0.9605	0.9305
Comp Disch (Zd)	0.9816	---	0.9531	0.9227
Pres Suct Line, psig	50.00	---	N/A	N/A
Pres Suct Flg, psig	49.36	---	189.84	349.06
Pres Disch Flg, psig	193.82	---	354.65	585.00
Pres Disch Line, psig	N/A	---	N/A	575.00
Pres Ratio F/F	3.292	---	1.810	1.650
Temp Suct, °C	48.89	---	48.89	48.89
Temp Clr Disch, °C	48.89	---	48.89	48.89

CONDITION "B"

#### Cylinder Data:

	Throw 1	Throw 3	Throw 4	Throw 2
Cyl Model	14-1/8K	14-1/8K	9-5/8K	7-1/4K
Cyl Bore, in	13.625 ✓	13.625 ✓	9.125 ✓	6.750 ✓
Cyl RDP (API), psig	577.3	577.3	1154.5	1727.3
Cyl MAWP, psig	635.0	635.0	1270.0	1900.0
Cyl Action	DBL	DBL	DBL	DBL
Cyl Disp, CFM	1101.8	1101.8	487.6	261.4
Pres Suct Intl, psig	45.45	45.45	176.14	323.97
Temp Suct Intl, °C	53	53	51	50
Pres Disch Intl, psig	204.77	204.77	382.19	632.76
Temp Disch Intl, °C	142	142	101	96
HE Suct Gas Vel, FPM	8072	8072	8365	8509
HE Disch Gas Vel, FPM	6967	6967	7863	8099
HE Spcrs Used/Max	0/4	0/4	0/4	0/4
HE Vol Pkt Avail	0.87+49.58	0.87+49.58	No Pkt	No Pkt
Vol Pkt Used	0.00 (V) %	0.00 (V) %	No Pkt	No Pkt
HE Min Clr, %	18.55	18.55	19.21	20.78
HE Total Clr, %	19.42	19.42	19.21	20.78
CE Suct Gas Vel, FPM	7899	7899	7963	7762
CE Disch Gas Vel, FPM	6817	6817	7485	7388
CE Spcrs Used/Max	0/4	0/4	0/4	0/4
CE Min Clr, %	19.37	19.37	20.80	24.04
CE Total Clr, %	19.37	19.37	20.80	24.04
Suct Vol Eff HE/CE, %	61.4/61.4	61.4/61.4	84.1/83.0	85.6/83.8
Disch Event HE/CE, ms	7.4/8.8	7.4/8.8	12.1/13.5	12.9/14.3
Suct Pseudo-Q HE/CE	5.6/5.4	5.6/5.4	7.4/6.8	9.0/7.5
Gas Rod Ld Comp, %	58.5 C	58.5 C	35.2 C	30.4 C
Gas Rod Ld Tens, %	61.0 T	61.0 T	33.1 T	24.3 T
Gas Rod Ld Total, %	62.1	62.1	35.6	28.6
Xhd Pin Deg/%RvrsI lbf	174/86.5	159/83.8	161/84.5	159/84.4
Flow Calc, MMSCFD	3.791	3.791	7.583	7.583
Cyl BHP	288.3	288.3	300.0	255.5

# COMPRESSOR UNIT 3575

Return to Search (/my\_account/all\_available?utf8=%E2%9C%93&is\_first\_search=&with\_equipment\_type=Compressor&with\_title=&with\_on\_hold\_by=&with\_compressor\_make=Ariel&with\_compressor\_model=&with\_driver\_ma

## Photos/Drawings

Request a Hold

Company	
Year Built	
Condition	B

## Compressor

Make	Ariel
Model	JGK/4
Type	Recip

## Driver

Make	Waukesha
Model	L7042GSI
Type	Gas

## Other

Horsepower	1478
Cylinder Sizes	13.625, 13.625, 9.125, 6.75
Stages	3
Sour Service	No
MAWP (kPa)	0
MAWP (PSI)	0

## Pricing Information

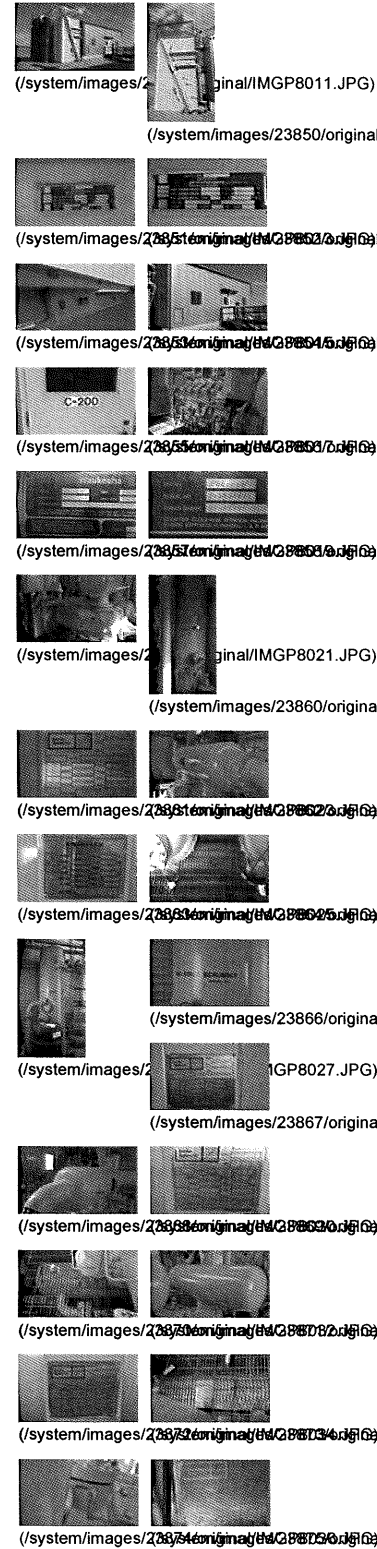
Price	
MT Value	
Book Value	

## Serial Numbers

A#	
CRN#	
Serial#	3575
Internal Identifier	
Account Number	

## Location

Operating Area	Grande Prairie Central
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## Contact Information

**Asset Recovery Group**  
 Canadian Natural Resources Limited  
 2500, 855 - 2 Street S.W.  
 Calgary, Alberta  
 T2P 4J8  
 assetrecovery@cnrl.com  
 (mailto:assetrecovery@cnrl.com?body=RE%3A%20https%3A%2F%2Fpngequipment.com%2Fcompressors%2F1094&subject=PNG%20COMPRESSOR%20UNIT%203575)



**Location** 1-3-77-7W6

### Description

SADDLE HILLS 1-3

Detection Available

Detection Curves Available

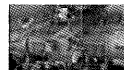
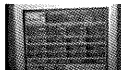


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### PDF Documents



(/system/images/23847/original/266-117.pdf)

266-117.pdf

(/system/images/23847/original/266-117.pdf)

### Internal Photos/Drawings



(/system/internal\_images/1651/original/IMG7881.JPG)

### Documents

### Internal Documents

### Internal Comments

Date	User	Comment	Actions
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No Comments entered.

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Company: Bluestar Engineering  
 Quote: 2x50% Service  
 Case 1: Surplus Unit #3576

### Ariel Performance

Customer: CNRL  
 Inquiry: Fort St. John  
 Project: CNRL Septimus Oil Battery



#### Compressor Data:

Elevation,ft:	2000.00	Barmtr,psia:	13.651	Ambient,°C:	37.78
Frame: (ELP)	JGK/4	Stroke, in:	5.50	Rod Dia, in:	2.000
Max RL Tot, lbf:	74000	Max RL Tens, lbf:	37000	Max RL Comp, lbf:	40000
Rated RPM:	1200	Rated BHP:	2540.0	Rated PS FPM:	1100.0
Calc RPM:	1200.0	BHP:	1156	Calc PS FPM:	1100.0

#### Driver Data:

Type:	Nat. Gas
Mfg:	Waukesha
Model:	L7042GSI
BHP:	1480
Avail:	1380 (100)

#### Services

Gas Model  
**Stage Data:**  
 Target Flow, MMSCFD  
 Flow Calc, MMSCFD  
 BHP per Stage  
 Specific Gravity  
 Ratio of Sp Ht (N)  
 Comp Suct (Zs)  
 Comp Disch (Zd)  
 Pres Suct Line, psig  
 Pres Suct Flg, psig  
 Pres Disch Flg, psig  
 Pres Disch Line, psig  
 Pres Ratio F/F  
 Temp Suct, °C  
 Temp Clr Disch, °C

#### Service 1

VMG  
**1**  
 7.500  
 7.583  
 576.7  
 0.7120  
 1.2242  
 0.9876  
 0.9816  
 50.00  
 49.36  
 193.82  
 N/A  
 3.292  
 48.89  
 48.89

---

**2**

7.500  
 7.583  
 300.0  
 0.7120  
 1.2413  
 0.9605  
 0.9531  
 N/A  
 189.84  
 354.65  
 N/A  
 1.810  
 48.89  
 48.89

**3**

7.500  
 7.583  
 255.5  
 0.7120  
 1.2528  
 0.9305  
 0.9227  
 N/A  
 349.06  
 585.00  
 575.00  
 1.650  
 48.89  
 48.89

CONDITION "B"

#### Cylinder Data:

Cyl Model  
 Cyl Bore, in  
 Cyl RDP (API), psig  
 Cyl MAWP, psig  
 Cyl Action  
 Cyl Disp, CFM  
 Pres Suct Intl, psig  
 Temp Suct Intl, °C  
 Pres Disch Intl, psig  
 Temp Disch Intl, °C  
 HE Suct Gas Vel, FPM  
 HE Disch Gas Vel, FPM  
 HE Spcra Used/Max  
 HE Vol Pkt Avail  
 Vol Pkt Used  
 HE Min Clr, %  
 HE Total Clr, %  
 CE Suct Gas Vel, FPM  
 CE Disch Gas Vel, FPM  
 CE Spcra Used/Max  
 CE Min Clr, %  
 CE Total Clr, %  
 Suct Vol Eff HE/CE, %  
 Disch Event HE/CE, ms  
 Suct Pseudo-Q HE/CE  
 Gas Rod Ld Comp, %  
 Gas Rod Ld Tens, %  
 Gas Rod Ld Total, %  
 Xhd Pin Deg/%Rvrsl lbf  
 Flow Calc, MMSCFD  
 Cyl BHP

#### Throw 1

14-1/8K  
 13.625 ✓  
 577.3  
 635.0  
 DBL  
 1101.8  
 45.45  
 53  
 204.77  
 142  
 8072  
 6967  
 0/4  
 0.87+49.58  
 0.00 (V) %  
 18.55  
 19.42  
 7899  
 6817  
 0/4  
 19.37  
 19.37  
 61.4/61.4  
 7.4/8.8  
 5.6/5.4  
 58.5 C  
 61.0 T  
 62.1  
 174/86.5  
 3.791  
 288.3

#### Throw 3

14-1/8K  
 13.625 ✓  
 577.3  
 635.0  
 DBL  
 1101.8  
 45.45  
 53  
 204.77  
 142  
 8072  
 6967  
 0/4  
 0.87+49.58  
 0.00 (V) %  
 18.55  
 19.42  
 7899  
 6817  
 0/4  
 19.37  
 19.37  
 61.4/61.4  
 7.4/8.8  
 5.6/5.4  
 58.5 C  
 61.0 T  
 62.1  
 159/83.8  
 3.791  
 288.3

#### Throw 4

9-5/8K  
 9.125 ✓  
 1154.5  
 1270.0  
 DBL  
 487.6  
 176.14  
 51  
 382.19  
 101  
 8365  
 7863  
 0/4  
 No Pkt  
 No Pkt  
 19.21  
 19.21  
 7963  
 7485  
 0/4  
 20.80  
 20.80  
 84.1/83.0  
 12.1/13.5  
 7.4/6.8  
 35.2 C  
 33.1 T  
 35.6  
 161/84.5  
 7.583  
 300.0

#### Throw 2

7-1/4K  
 6.750 ✓  
 1727.3  
 1900.0  
 DBL  
 261.4  
 323.97  
 50  
 632.76  
 96  
 8509  
 8099  
 0/4  
 No Pkt  
 No Pkt  
 20.78  
 20.78  
 7762  
 7388  
 0/4  
 24.04  
 24.04  
 85.6/83.8  
 12.9/14.3  
 9.0/7.5  
 30.4 C  
 24.3 T  
 28.6  
 159/84.4  
 7.583  
 255.5

# COMPRESSOR UNIT 3576

Return to Search (/my\_account/all\_available?utf8=%E2%9C%93&is\_first\_search=&with\_equipment\_type=Compressor&with\_title=&with\_on\_hold\_by=&with\_compressor\_make=Ariel&with\_compressor\_model=&with\_driver\_ma

[Request a Hold](#)

## Photos/Drawings

## Contact Information

**Company**  


**Year Built**

**Condition** B

## Compressor

**Make** Ariel

**Model** JGK/4

**Type** Recip

## Driver

**Make** Waukesha

**Model** L7042GSI

**Type** Gas

## Other

**Horsepower** 1478

**Cylinder Sizes** 13.625, 13.625, 9.125, 6.75

**Stages** 3

**Sour Service** No

**MAWP (kPa)** 0

**MAWP (PSI)** 0

## Pricing Information

**Price**

**MT Value**

**Book Value**

## Serial Numbers

**A#**

**CRN#**

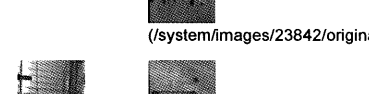
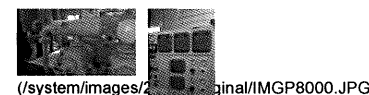
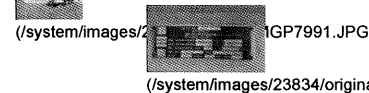
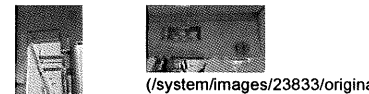
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**Internal Identifier**

**Account Number**

## Location

**Operating Area** Grande Prairie Central



**Asset Recovery Group**

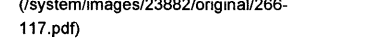
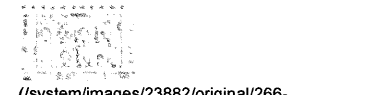
**Canadian Natural Resources Limited**

**2500, 855 - 2 Street S.W.**  
 Calgary, Alberta  
 T2P 4J8

**assetrecovery@cnrl.com**

**(mailto:assetrecovery@cnrl.com?body=RE%3A%20https%3A%2F%2Fpngequipment.com%2Fcompressors%2F1095&subject=PNG%20Equipment%3A%20COMPRESSOR%20UNIT%203576)**

## PDF Documents



## Internal Photos/Drawings





Company: Bluestar Engineering  
 Quote: 2x50% Service  
 Case 1: Surplus Unit #3961

### Ariel Performance

Customer: CNRL  
 Inquiry: Fort St. John  
 Project: CNRL Septimus Oil Battery



#### Compressor Data:

Elevation,ft:	2000.00	Barmtr,psia:	13.651	Ambient, °C:	37.78
Frame: (ELP)	JGK/4	Stroke, in:	5.50	Rod Dia, in:	2.000
Max RL Tot, lbf:	74000	Max RL Tens, lbf:	37000	Max RL Comp, lbf:	40000
Rated RPM:	1200	Rated BHP:	2540.0	Rated PS FPM:	1100.0
Calc RPM:	1200.0	BHP:	1140	Calc PS FPM:	1100.0

#### Driver Data:

Type:	Nat. Gas
Mfg:	Waukesha
Model:	L7042GSI
BHP:	1480
Avail:	1380 (100)

#### Services

Gas Model

#### Service 1

VMG

#### Stage Data:

	1	---	2	---	3
Target Flow, MMSCFD	7.500	---	7.500	---	7.500
Flow Calc, MMSCFD	7.480	---	7.480	---	7.480
BHP per Stage	577.0	---	331.0	---	207.9
Specific Gravity	0.7120	---	0.7120	---	0.7120
Ratio of Sp Ht (N)	1.2240	---	1.2408	---	1.2561
Comp Suct (Zs)	0.9876	---	0.9598	---	0.9234
Comp Disch (Zd)	0.9815	---	0.9514	---	0.9168
Pres Suct Line, psig	50.00	---	N/A	---	N/A
Pres Suct Flg, psig	49.36	---	193.38	---	387.70
Pres Disch Flg, psig	197.36	---	393.29	---	585.00
Pres Disch Line, psig	N/A	---	N/A	---	575.00
Pres Ratio F/F	3.349	---	1.966	---	1.492
Temp Suct, °C	48.89	---	48.89	---	48.89
Temp Clr Disch, °C	48.89	---	48.89	---	48.89

CONDITION "C"

#### Cylinder Data:

	Throw 1	Throw 3	Throw 4	Throw 2
Cyl Model	14-1/8K	14-1/8K	9-5/8K	6-1/4K
Cyl Bore, in	13.625	13.625	9.125	6.250
Cyl RDP (API), psig	577.3	577.3	1154.5	1863.6
Cyl MAWP, psig	635.0	635.0	1270.0	2050.0
Cyl Action	DBL	DBL	DBL	DBL
Cyl Disp, CFM	1101.8	1101.8	487.6	222.4
Pres Suct Intl, psig	45.45	45.45	179.44	364.03
Temp Suct Intl, °C	53	53	51	50
Pres Disch Intl, psig	208.46	208.46	423.28	637.54
Temp Disch Intl, °C	143	143	107	88
HE Suct Gas Vel, FPM	8072	8072	8365	7880
HE Disch Gas Vel, FPM	6967	6967	7863	8441
HE Spcrs Used/Max	0/4	0/4	0/4	0/2
HE Vol Pkt Avail	0.87+49.58	0.87+49.58	No Pkt	No Pkt
Vol Pkt Used	0.00 (V) %	0.00 (V) %	No Pkt	No Pkt
HE Min Clr, %	18.55	18.55	19.21	19.44
HE Total Clr, %	19.42	19.42	19.21	19.44
CE Suct Gas Vel, FPM	7899	7899	7963	7074
CE Disch Gas Vel, FPM	6817	6817	7485	7577
CE Spcrs Used/Max	0/4	0/4	0/4	0/2
CE Min Clr, %	19.37	19.37	20.80	23.13
CE Total Clr, %	19.37	19.37	20.80	23.13
Suct Vol Eff HE/CE, %	60.6/60.6	60.6/60.6	81.6/80.3	88.9/87.3
Disch Event HE/CE, ms	7.2/8.6	7.2/8.6	11.3/12.8	14.0/15.4
Suct Pseudo-Q HE/CE	5.6/5.4	5.6/5.4	7.4/6.7	6.8/5.5
Gas Rod Ld Comp, %	59.8 C	59.8 C	41.4 C	24.1 C
Gas Rod Ld Tens, %	62.4 T	62.4 T	39.4 T	17.1 T
Gas Rod Ld Total, %	63.5	63.5	42.1	21.6
Xhd Pin Deg/%RvrsI lbf	174/87.0	162/84.2	162/87.3	157/80.9
Flow Calc, MMSCFD	3.740	3.740	7.480	7.480
Cyl BHP	288.5	288.5	331.0	207.9

# COMPRESSOR UNIT 3961

Return to Search (/my\_account/all\_available?utf8=%E2%9C%93&is\_first\_search=&with\_equipment\_type=Compressor&with\_title=&with\_on\_hold\_by=&with\_compressor\_make=Ariel&with\_compressor\_model=&with\_driver\_ma

## Photos/Drawings

[Request a Hold](#)

**Company**



**Year Built**

**Condition** C

## Compressor

**Make** Ariel

**Model** JGK/4

**Type** Recip

## Driver

**Make** Waukesha

**Model** L7042GSI

**Type** Gas

## Other

**Horsepower** 1478

**Cylinder Sizes** 13.625, 13.625, 9.125, 6.25

**Stages** 3

**Sour Service** No

**MAWP (kPa)** 0

**MAWP (PSI)** 0

## Pricing Information

**Price**

**MT Value**

**Book Value**

## Serial Numbers

**A#**

**CRN#**

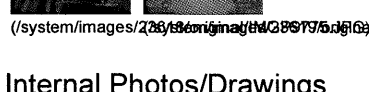
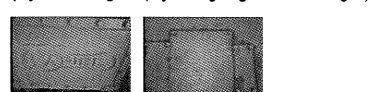
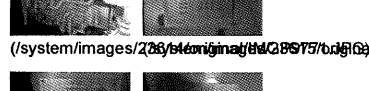
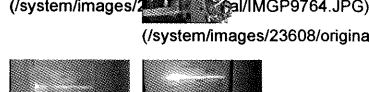
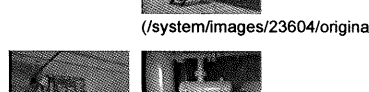
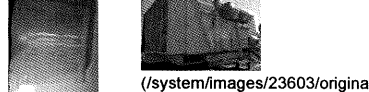
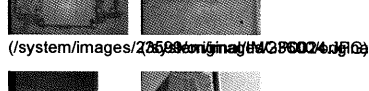
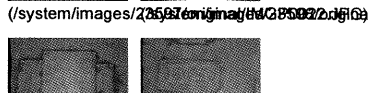
**Serial#** 3961

**Internal Identifier**

**Account Number**

## Location

**Operating Area** Red Deer



## Contact Information

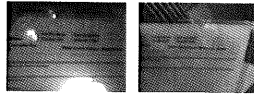
**Asset Recovery Group**  
**Canadian Natural Resources Limited**

**2500, 855 - 2 Street S.W.**  
**Calgary, Alberta**  
**T2P 4J8**

**assetrecovery@cnrl.com**  
 (mailto:assetrecovery@cnrl.com?)  
**2Fpngequipment.com%2Fcompressors%2F975&subject=PNG%20Equipment%3A%20COMPRESSOR%20UNIT%203961**

## Internal Photos/Drawings

Location 2-5-28-17W4



### Description

EAST DRUMHELLER 2-5

Detection Available

Detection Curves Available

(/system/internal\_images/975/original\_images/P226.JPG)  
(/system/internal\_images/975/original\_images/IMG9766.JPG)

### Documents

### Internal Documents

### Internal Comments

Date	User	Comment	Actions
No Comments entered.			
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