



Insider Trading Report

* This summary starts with each insider's opening balance as of June 2, 2014, if any. Balance includes shares held by individual directly, or indirectly, or by entities which he or she controls.

* All data is provided to the corporation by the individual insider. The insider is responsible to provide the data to the corporation within two days following the transaction. For instance if shares are bought on a Tuesday, the insider must file a report before 3:00 pm MST on the Thursday of the same week.

Name	Position	Date	Trade Type	Ownership Type	Comment	Number of Shares	Price per share	Value	Opening Balance (shares)	Closing Balance (shares)
Don Gray	Chairman	04-Jun-14		Direct/Indirect	Opening Balance				6,755,506	6,755,506
Don Gray	Chairman	05-Sep-14	Buy	Direct	Private Placement	1,000,000	\$ 4.00	\$ 4,000,000	6,755,506	7,755,506
Don Gray	Chairman	02-Feb-16	Buy	Direct	Private Placement	405,500	\$ 1.85	\$ 750,175	7,755,506	8,161,006
Don Gray	Chairman				Consolidation (4:1) ⁽¹⁾				8,161,006	2,040,252
Don Gray	Chairman	13-Jul-16	Buy	Direct	Market	150,000	\$ 2.00	\$ 300,000	2,040,252	2,190,252
Don Gray	Chairman	15-Jul-16	Buy	Direct	Market	115,500	\$ 2.00	\$ 231,000	2,190,252	2,305,752
Don Gray	Chairman	23-Aug-16	Buy	Direct	Market	81,600	\$ 2.05	\$ 167,655	2,305,752	2,387,352
Don Gray	Chairman	23-Sep-16	Buy	Direct	Market	113,710	\$ 1.93	\$ 219,460	2,387,352	2,501,062
Don Gray	Chairman	30-Sep-16	Buy	Direct	Market	100,000	\$ 1.94	\$ 194,000	2,501,062	2,601,062
Don Gray	Chairman	10-Nov-16	Buy	Direct	Market	79,100	\$ 1.84	\$ 145,544	2,601,062	2,680,162
Don Gray	Chairman	11-Nov-16	Buy	Direct	Market	100,000	\$ 1.88	\$ 188,000	2,680,162	2,780,162
Don Gray	Chairman	14-Nov-16	Buy	Direct	Market	77,900	\$ 1.87	\$ 145,673	2,780,162	2,858,062
Don Gray	Chairman	15-Nov-16	Buy	Direct	Market	79,600	\$ 2.08	\$ 165,568	2,858,062	2,937,662
Don Gray	Chairman	16-Nov-16	Buy	Direct	Market	23,600	\$ 2.25	\$ 53,100	2,937,662	2,961,262
Don Gray	Chairman	18-Nov-16	Buy	Direct	Market	8,800	\$ 2.35	\$ 20,680	2,961,262	2,970,062
Don Gray	Chairman	21-Nov-16	Buy	Direct	Market	52,000	\$ 2.45	\$ 127,400	2,970,062	3,022,062
Don Gray	Chairman	22-Nov-16	Buy	Direct	Market	29,700	\$ 2.48	\$ 73,656	3,022,062	3,051,762
Don Gray	Chairman	23-Nov-16	Buy	Direct	Market	21,000	\$ 2.50	\$ 52,500	3,051,762	3,072,762
Don Gray	Chairman	01-Dec-16	Buy	Direct	Private	8,564	\$ 2.49	\$ 21,324	3,072,762	3,081,326
Don Gray	Chairman	05-Dec-16	Transfer	Indirect	Private	429,926	\$ 2.49	\$ 1,070,516	3,081,326	3,511,252
Don Gray	Chairman	07-Dec-16	Buy	Direct	Market	34,600	\$ 2.89	\$ 99,994	3,511,252	3,545,852
Don Gray	Chairman	20-Dec-16	Buy	Direct	Market	6,000	\$ 3.14	\$ 18,840	3,545,852	3,551,852
Don Gray	Chairman	21-Dec-16	Buy	Direct	Market	100,000	\$ 3.30	\$ 330,000	3,551,852	3,651,852
Don Gray	Chairman	06-Jan-17	Buy	Direct	Market	100,000	\$ 3.19	\$ 319,000	3,651,852	3,751,852
Don Gray	Chairman	06-Jan-17	Buy	Direct	Market	70,000	\$ 3.20	\$ 224,000	3,751,852	3,821,852
Don Gray	Chairman	09-Jan-17	Buy	Direct	Market	30,000	\$ 3.20	\$ 96,000	3,821,852	3,851,852
Don Gray	Chairman	13-Jan-17	Buy	Direct	Market	53,200	\$ 2.99	\$ 159,068	3,851,852	3,905,052
Don Gray	Chairman	16-Jan-17	Buy	Direct	Market	500	\$ 3.00	\$ 1,500	3,905,052	3,905,552
Don Gray	Chairman	17-Jan-17	Buy	Direct	Private	18,750	\$ 2.98	\$ 55,875	3,905,552	3,924,302
Don Gray	Chairman	28-Feb-17	Buy	Direct	Private Placement	1,585,000	\$ 2.53	\$ 4,010,050	3,924,302	5,509,302
Don Gray	Chairman	31-Mar-17	Buy	Direct	Market	7,900	\$ 2.37	\$ 18,723	5,509,302	5,517,202
Don Gray	Chairman	03-Apr-17	Buy	Direct	Market	132,700	\$ 2.49	\$ 330,423	5,517,202	5,649,902
Don Gray	Chairman	05-Apr-17	Buy	Direct	Market	20,100	\$ 2.69	\$ 54,069	5,649,902	5,670,002
Don Gray	Chairman	14-Jun-17	Buy	Direct	Market	50,800	\$ 2.26	\$ 114,808	5,670,002	5,720,802
Don Gray	Chairman	15-Jun-17	Buy	Direct	Market	11,300	\$ 2.30	\$ 25,990	5,720,802	5,732,102
Don Gray	Chairman	16-Jun-17	Buy	Direct	Market	400	\$ 2.30	\$ 920	5,732,102	5,732,502
Don Gray	Chairman	22-Jun-17	Buy	Direct	Market	33,200	\$ 2.17	\$ 72,044	5,732,502	5,765,702
Don Gray	Chairman	23-Jun-17	Buy	Direct	Market	37,400	\$ 2.30	\$ 86,020	5,765,702	5,803,102
Don Gray	Chairman	28-Jun-17	Buy	Direct	Market	44,000	\$ 2.20	\$ 96,800	5,803,102	5,847,102
Don Gray	Chairman	28-Jun-17	Buy	Direct	Market	11,100	\$ 2.19	\$ 24,309	5,847,102	5,858,202
Don Gray	Chairman	12-Jul-17	Buy	Direct	Market	162,100	\$ 2.25	\$ 364,725	5,858,202	6,020,302
Don Gray	Chairman	11-Aug-17	Buy	Direct	Market	188,000	\$ 2.24	\$ 421,120	6,020,302	6,208,302
Don Gray	Chairman	18-Aug-17	Buy	Direct	Market	1,100	\$ 2.15	\$ 2,365	6,208,302	6,209,402
Don Gray	Chairman	22-Aug-17	Buy	Direct	Market	2,700	\$ 2.20	\$ 5,940	6,209,402	6,212,102
Don Gray	Chairman	23-Aug-17	Buy	Direct	Market	18,800	\$ 2.25	\$ 42,300	6,212,102	6,230,902
Don Gray	Chairman	24-Aug-17	Buy	Direct	Market	52,200	\$ 2.25	\$ 117,450	6,230,902	6,283,102
Don Gray	Chairman	25-Aug-17	Buy	Direct	Market	1,300	\$ 2.25	\$ 2,925	6,283,102	6,284,402
Don Gray	Chairman	28-Aug-17	Buy	Direct	Market	20,300	\$ 2.25	\$ 45,675	6,284,402	6,304,702
Don Gray	Chairman	29-Aug-17	Buy	Direct	Market	21,000	\$ 2.25	\$ 47,250	6,304,702	6,325,702
Don Gray	Chairman	30-Aug-17	Buy	Direct	Market	10,800	\$ 2.25	\$ 24,300	6,325,702	6,336,502
Don Gray	Chairman	31-Aug-17	Buy	Direct	Market	30,600	\$ 2.30	\$ 70,380	6,336,502	6,367,102
Don Gray	Chairman	01-Sep-17	Buy	Direct	Market	2,200	\$ 2.30	\$ 5,060	6,367,102	6,369,302
Don Gray	Chairman	06-Sep-17	Buy	Direct	Market	16,300	\$ 2.30	\$ 37,490	6,369,302	6,385,602
Don Gray	Chairman	07-Sep-17	Buy	Direct	Market	25,800	\$ 2.33	\$ 60,114	6,385,602	6,411,402
Don Gray	Chairman	08-Sep-17	Buy	Direct	Market	2,000	\$ 2.40	\$ 4,800	6,411,402	6,413,402
Don Gray	Chairman	14-Sep-17	Buy	Direct	Market	800	\$ 2.40	\$ 1,920	6,413,402	6,414,202
Don Gray	Chairman	15-Sep-17	Buy	Direct	Market	199,200	\$ 2.49	\$ 496,008	6,414,202	6,613,402
Don Gray	Chairman	18-Sep-17	Buy	Direct	Market	3,000	\$ 2.50	\$ 7,500	6,613,402	6,616,402
Don Gray	Chairman	17-Nov-17	Buy	Direct	Option exercise	4,800	\$ 2.33	\$ 11,184	6,616,402	6,621,202
Don Gray	Chairman	15-Dec-17	Buy	Direct	Market	100,000	\$ 1.55	\$ 155,000	6,621,202	6,721,202
Don Gray	Chairman	10-Aug-18	Buy	Direct	Market	120,500	\$ 0.83	\$ 100,015	6,721,202	6,841,702
Don Gray	Chairman	14-Aug-18	Buy	Direct	Market	37,500	\$ 0.93	\$ 34,875	6,841,702	6,879,202
Don Gray	Chairman	17-Aug-18	Buy	Direct	Market	35,000	\$ 1.00	\$ 35,000	6,879,202	6,914,202
Don Gray	Chairman	20-Aug-18	Buy	Direct	Market	16,400	\$ 1.00	\$ 16,400	6,914,202	6,930,602
Don Gray	Chairman	21-Aug-18	Buy	Direct	Market	73,000	\$ 1.05	\$ 76,650	6,930,602	7,003,602
Don Gray	Chairman	22-Aug-18	Buy	Direct	Market	25,000	\$ 1.05	\$ 26,250	7,003,602	7,028,602

Name	Position								Opening Balance (shares)	Closing Balance (shares)
		Date	Trade Type	Ownership Type	Comment	Number of Shares	Price per share	Value		
Don Gray	Chairman	23-Aug-18	Buy	Direct	Market	12,600	\$ 1.05	\$ 13,230	7,028,602	7,041,202
Don Gray	Chairman	28-Aug-18	Buy	Direct	Market	17,200	\$ 1.04	\$ 17,888	7,041,202	7,058,402
Patrick Arnell	Director	04-Jun-14		Indirect	Opening Balance					525,000
Patrick Arnell	Director	05-Sep-14	Buy	Direct	Private Placement	25,000	\$ 4.00	\$ 100,000	525,000	550,000
Patrick Arnell	Director	02-Feb-16	Buy	Direct	Private Placement	108,100	\$ 1.85	\$ 199,985	550,000	658,100
Patrick Arnell	Director				Consolidation (4:1) ⁽¹⁾				658,100	164,525
Patrick Arnell	Director	29-Aug-16	Transfer	Direct	Fund Transfer	31,175	\$ 2.09	\$ 65,156	164,525	195,700
Patrick Arnell	Director	17-Nov-17	Buy	Direct	Option exercise	3,170	\$ 2.33	\$ 7,386	195,700	198,870
Stephen White	Director	02-Feb-16		Indirect	Opening Balance					325,744
Stephen White	Director	02-Feb-16	Buy	Direct	Private Placement	54,000	\$ 1.85	\$ 99,900	325,744	379,744
Stephen White	Director				Consolidation (4:1) ⁽¹⁾				379,744	94,936
Stephen White	Director	17-Nov-17	Buy	Direct	Option exercise	3,170	\$ 2.33	\$ 7,386	94,936	98,106
Stephen White	Director	17-Sep-18	Buy	Direct	Market	4,000	\$ 0.90	\$ 3,600	98,106	102,106
Stephen White	Director	26-Sep-18	Buy	Direct	Market	16,000	\$ 0.90	\$ 14,400	102,106	118,106
Stephen White	Director	27-Sep-18	Buy	Direct	Market	1,500	\$ 0.90	\$ 1,350	118,106	119,606
Donald Cormack	Director	09-Oct-14			Opening Balance					-
Donald Cormack	Director	10-Oct-14	Buy	Direct	Private Placement	75,000	\$ 4.00	\$ 300,000	-	75,000
Donald Cormack	Director	02-Feb-16	Buy	Direct	Private Placement	10,000	\$ 1.85	\$ 18,500	75,000	85,000
Donald Cormack	Director				Consolidation (4:1) ⁽¹⁾				85,000	21,250
Donald Cormack	Director	20-Nov-17	Buy	Direct	Option Exercise	372	\$ 2.33	\$ 867	21,250	21,622
Cheree Stephenson	VP Finance & CFO	04-Jun-14		Direct	Opening Balance					359,998
Cheree Stephenson	VP Finance & CFO	05-Sep-14	Buy	Direct/Indirect	FT Private Placement	40,000	\$ 4.80	\$ 192,000	359,998	399,998
Cheree Stephenson	VP Finance & CFO	02-Feb-16	Buy	Direct	Private Placement	27,000	\$ 1.85	\$ 49,950	399,998	426,998
Cheree Stephenson	VP Finance & CFO				Consolidation (4:1) ⁽¹⁾				426,998	106,750
Cheree Stephenson	VP Finance & CFO	25-Nov-15	Buy	Direct	Private Placement	1	\$ -	\$ -	106,750	106,751
Cheree Stephenson	VP Finance & CFO	10-Nov-16	Buy	Direct	Market	16,250	\$ 1.79	\$ 29,088	106,751	123,001
Cheree Stephenson	VP Finance & CFO	14-Nov-16	Buy	Direct	Market	14,050	\$ 1.85	\$ 25,993	123,001	137,051
Cheree Stephenson	VP Finance & CFO	10-Mar-17	Buy	Direct	Market	22,017	\$ 2.41	\$ 53,061	137,051	159,068
Cheree Stephenson	VP Finance & CFO	17-Nov-17	Buy	Direct	Option exercise	22,050	\$ 2.33	\$ 51,377	159,068	181,118
Cheree Stephenson	VP Finance & CFO	20-Nov-17	Buy	Direct	Option exercise	2,584	\$ 2.33	\$ 6,021	181,118	183,702
Neil Korchinski	VP Engineering & COO	04-Jun-14		Direct	Opening Balance					317,798
Neil Korchinski	VP Engineering & COO	05-Sep-14	Buy	Direct	FT Private Placement	25,000	\$ 4.00	\$ 100,000	317,798	342,798
Neil Korchinski	VP Engineering & COO	02-Feb-16	Buy	Direct	Private Placement	13,500	\$ 1.85	\$ 24,975	342,798	356,298
Neil Korchinski	VP Engineering & COO				Consolidation (4:1) ⁽¹⁾				356,298	89,075
Neil Korchinski	President & CEO	02-Jun-16	Control	Indirect	Private ⁽³⁾	135,650	\$ -	\$ -	89,075	224,725
Neil Korchinski	President & CEO	10-Nov-16	Buy	Direct	Market	5,500	\$ 1.75	\$ 9,625	224,725	230,225
Neil Korchinski	President & CEO	11-Aug-17	Buy	Direct	Market	8,000	\$ 2.25	\$ 18,000	230,225	238,225
Neil Korchinski	President & CEO	20-Nov-17	Buy	Direct	Option Exercise	6,881	\$ 2.33	\$ 16,033	238,225	245,106
Brett Booth	VP Land	24-Jan-17		Direct	Opening Balance					38,672
Brett Booth	VP Land	30-Jun-17		Direct	Market	25,600	\$ 2.25	\$ 57,600	38,672	64,272
Brett Booth	VP Land	20-Nov-17	Buy	Direct	Option Exercise	1,524	\$ 2.33	\$ 3,551	64,272	65,796
Marcus Schlegel	VP Engineering	24-Jan-17		Direct	Opening Balance					49,718
Marcus Schlegel	VP Engineering	20-Nov-17	Buy	Direct	Option Exercise	1,677	\$ 2.33	\$ 3,907	49,718	51,395
Marcus Schlegel	VP Engineering	07-Dec-17	Buy	Direct	Market	2,150	\$ 1.84	\$ 3,956	51,395	53,545
Ross Keilly	VP Exploration	24-Jan-17		Direct	Opening Balance					15,037
Ross Keilly	VP Exploration	15-Mar-17		Control	Ownership change	8,175	\$ 2.34	\$ 19,130	15,037	23,212
Ross Keilly	VP Exploration	28-Jun-17		Control	Ownership change	3,500	\$ 2.15	\$ 7,525	23,212	26,712
Ross Keilly	VP Exploration	29-Aug-17		Direct	Market	1,200	\$ 2.23	\$ 2,676	26,712	27,912
Ross Keilly	VP Exploration	20-Nov-17	Buy	Direct	Option Exercise	1,032	\$ 2.33	\$ 2,405	26,712	27,744
Natural Gas Partners (B. Minnehan, J. Zlotky) ⁽²⁾	Directors	04-Jun-14		Control	Opening Balance					37,552,858
Natural Gas Partners (B. Minnehan, J. Zlotky)	Directors	05-Sep-14	Buy	Direct	Private Placement	2,500,000	\$ 4.00	\$ 10,000,000	37,552,858	40,052,858
Natural Gas Partners (B. Minnehan, J. Zlotky)	Directors	02-Feb-16	Buy	Direct	Private Placement	8,108,500	\$ 1.85	\$ 15,000,725	40,052,858	48,161,358
Natural Gas Partners (B. Minnehan, J. Zlotky)	Directors				Consolidation (4:1) ⁽¹⁾				48,161,358	12,040,340
Total Insider Holdings										20,014,731
Total Shares Outstanding										49,491,840

Notes

- On February 2, 2016 Petrus completed a Plan of Arrangement with PhosCan Chemical Corp. Among other things, Petrus Acquisition Corp ("Petrus") acquired all of the issued and outstanding common shares of Old Petrus ("Old Petrus Shares") on the basis of 0.25 of a common share of Petrus for each Old Petrus Share, reflecting a notional 4 to 1 consolidation of the Old Petrus Shares.
- Mr. Minnehan and Mr. Zlotky are nominee directors of Natural Gas Partners, registered holder of 12,040,340 common shares.
- On June 2, 2016 Mr. Korchinski obtained Power of Attorney over Petrus shares owned by Mr. Korchinski's family members.

40.4%