

Alberta Securities Commission

Insider Name	Issuer Name	Transaction ID	Transaction Date	Filing Date	Days To File	Security Designation	Nature Of Transaction Code
Adrian Neumann	BONTERRA ENERGY CORP.	3299681	12/21/2018	01/11/2019	21	Options	50
Aidan Murphy Walsh	BONTERRA ENERGY CORP.	3299665	12/21/2018	01/11/2019	21	Options	50
Alan Macdonald Rowe	CROWN CAPITAL PARTNERS INC.	3298359	12/31/2018	01/09/2019	9	Rights Restricted Share Units	56
Alan Pui Fai Chan	PETROX RESOURCES CORP.	3312751	01/29/2019	02/06/2019	8	Common Shares	10
Allan George Mowbray	ESSENTIAL ENERGY SERVICES LTD.	3322999	03/07/2018	02/26/2019	356	Rights RSU	59
		3323003	01/07/2018	02/26/2019	415	Rights RSU	59
		3322996	06/11/2018	02/26/2019	260	Rights RSU	59
Allan Joseph Bush	TOURMALINE OIL CORP.	3291219	12/19/2018	01/03/2019	15	Common Shares	10
Andri Stytsenko	BLOCKCHAINK2 CORP.	3313540	01/09/2019	02/07/2019	29	Common Shares	10
Antonio Backos	BLUEWATER ACQUISITION CORP.	3298601	11/01/2018	01/09/2019	69	Options	50
Azvalor Asset Management Sgiic	EPSILON ENERGY LTD.	3291589	12/24/2018	01/03/2019	10	Common Shares	22
		3291582	12/24/2018	01/03/2019	10	Common Shares	22
Bernadette Josephine Kollman	ALCANNA INC.	3315892	12/31/2018	02/12/2019	43	Annual Deferred Shares (Common Shares)	56
Brad Allen Curtis	BONTERRA ENERGY CORP.	3299685	12/21/2018	01/11/2019	21	Options	50
Bradley Albert Butler	CHAMPION BEAR RESOURCES LTD.	3321128	10/05/2018	02/22/2019	140	Common Shares	16
		3321142	10/05/2018	02/22/2019	140	Common Shares	16
Brent Earle Harris	EGUANA TECHNOLOGIES INC.	3316244	12/13/2018	02/13/2019	62	Options	50
Bruce Malcolm Carruthers	PFB CORPORATION	3305055	01/01/2019	01/23/2019	22	Restricted Share Unit Plan - B. Carruthers	56
Carl E. Vogel	SHAW COMMUNICATIONS INC.	3316014	12/31/2018	02/12/2019	43	Directors' Deferred Share Units (DDSU)	56
Christopher Doornbos	E3 METALS CORP.	3291608	11/07/2017	01/03/2019	422	Options	50
Clarence Peter Cazalot, Jr.	Enbridge Inc.	3319167	12/31/2018	02/20/2019	51	Common Shares	47
Clarence Wagenaar	EMERALD BAY ENERGY INC.	3301847	01/03/2019	01/16/2019	13	Common Shares	10
		3301846	12/27/2018	01/16/2019	20	Common Shares	10
		3301850	01/09/2019	01/16/2019	7	Common Shares	10
		3301845	12/07/2018	01/16/2019	40	Common Shares	10

Alberta Securities Commission

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Clarence Wagenaar	EMERALD BAY ENERGY INC.	3301848	01/04/2019	01/16/2019	12	Common Shares	10
		3301849	01/07/2019	01/16/2019	9	Common Shares	10
Dan-Mihai Reuter	BONTERRA ENERGY CORP.	3299967	12/21/2018	01/11/2019	21	Options	50
Darcy Trufyn	Capital Power Corporation	3309124	01/25/2019	02/01/2019	7	Options	59
Darren Blaney	AMERICAN CREEK RESOURCES LTD.	3308473	01/21/2019	01/31/2019	10	Options	50
Darren Gee	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302483	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302482	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302485	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
David Alan Thomas	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302497	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302498	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302499	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
David Robert Reid	BANYAN GOLD CORP.	3291081	12/12/2018	01/03/2019	22	Options	50
Denis Ryan	ALCANNA INC.	3315888	12/31/2018	02/12/2019	43	Annual Deferred Shares (Common Shares)	56
Dennis Gibb Edwards	AMERICAN CREEK RESOURCES LTD.	3308505	01/21/2019	01/31/2019	10	Options	50
Derek Hudson Burney	ALCANNA INC.	3315869	12/31/2018	02/12/2019	43	Annual Deferred Shares (Common Shares)	56
Duane Anthony Nelson	ENVIROLEACH TECHNOLOGIES INC.	3306127	12/04/2018	01/26/2019	53	Common Shares	10
		3306130	01/15/2019	01/26/2019	11	Common Shares	10
Edward Hume Kernaghan	BLACK DIAMOND GROUP LIMITED	3319195	03/15/2018	02/20/2019	342	Rights DSU	56
Edward James Kernaghan	BLACK DIAMOND GROUP LIMITED	3305352	03/15/2018	01/24/2019	315	Rights DSU	56
Eldon Heck	ESSENTIAL ENERGY SERVICES LTD.	3322926	01/10/2018	02/26/2019	412	Rights RSU	59
		3322932	06/30/2018	02/26/2019	241	Rights RSU	59
		3322923	03/07/2018	02/26/2019	356	Rights RSU	59
		3322921	06/11/2018	02/26/2019	260	Rights RSU	59

List of late SEDI filings of insiders of Alberta based issuers  
From January 01, 2019 To February 27, 2019

Alberta Securities Commission

Insider Name	Issuer Name	Transaction ID	Transaction Date	Filing Date	Days To File	Security Designation	Nature Of Transaction Code
Eldon Heck	ESSENTIAL ENERGY SERVICES LTD.	3322924	01/07/2018	02/26/2019	415	Rights RSU	59
Elizabeth Peterson	BADGER DAYLIGHTING LTD.	3305077	12/31/2018	01/23/2019	23	Performance Share Unit	56
Eric Mcfadden	BLUEWATER ACQUISITION CORP.	3298629	11/01/2018	01/09/2019	69	Options	50
Fang Chen	VITAL ENERGY INC.	3300628	12/17/2018	01/14/2019	28	Convertible Debentures 10% Secured Subordinated	36
Garnet K. Amundson	ESSENTIAL ENERGY SERVICES LTD.	3322546	01/10/2018	02/25/2019	411	Rights RSU	59
		3322532	06/11/2018	02/25/2019	259	Rights RSU	59
		3322541	01/07/2018	02/25/2019	414	Rights RSU	59
		3322537	03/07/2018	02/25/2019	355	Rights RSU	59
Gary J. Drummond	BONTERRA ENERGY CORP.	3300443	12/21/2018	01/14/2019	24	Options	50
George Frederick Fink	BONTERRA ENERGY CORP.	3299676	12/21/2018	01/11/2019	21	Options	50
Gerard Schut	VERMILION ENERGY INC.	3309421	12/17/2018	02/01/2019	46	Common Shares	10
		3309411	11/27/2018	02/01/2019	66	Common Shares	10
		3309414	12/10/2018	02/01/2019	53	Common Shares	10
		3309419	12/14/2018	02/01/2019	49	Common Shares	10
Gerhard Stephanus Barnard	OLYMPIA FINANCIAL GROUP INC.	3300488	12/28/2018	01/14/2019	17	Common Shares	10
Glenn Warkentin	BLUEWATER ACQUISITION CORP.	3298591	11/01/2018	01/09/2019	69	Options	50
Gmt Capital Corp	PIPESTONE ENERGY CORP.	3312536	01/04/2019	02/06/2019	33	Common Shares	36
		3312538	01/04/2019	02/06/2019	33	Common Shares	36
Guy Pelletier	MELCOR DEVELOPMENTS LTD.	3298013	12/17/2018	01/09/2019	23	Common Shares	10
Helena Elise Rees	ALCANNA INC.	3315898	12/31/2018	02/12/2019	43	Annual Deferred Shares (Common Shares)	56
Henry Nelson Clanton	EPSILON ENERGY LTD.	3307694	12/31/2018	01/30/2019	30	Common Shares	56
Husam Kal	AGJUNCTION INC.	3294645	12/27/2018	01/04/2019	8	Restricted Shares	59
		3294616	12/27/2018	01/04/2019	8	Retention Plan Restricted Shares	59
		3294605	12/21/2018	01/04/2019	14	Retention Plan Restricted Shares	59
		3318051	01/24/2019	02/19/2019	26	Restricted Shares	59

List of late SEDI filings of insiders of Alberta based issuers  
From January 01, 2019 To February 27, 2019

Alberta Securities Commission

Insider Name	Issuer Name	Transaction ID	Transaction Date	Filing Date	Days To File	Security Designation	Nature Of Transaction Code
Husam Kal	AGJUNCTION INC.	3318055	01/25/2019	02/19/2019	25	Restricted Shares	59
Jean-Paul Henri Lachance	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302489	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302487	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302488	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
Jeffrey Burt Newman	ESSENTIAL ENERGY SERVICES LTD.	3322965	01/07/2018	02/26/2019	415	Rights RSU	59
		3322958	06/11/2018	02/26/2019	260	Rights RSU	59
		3322961	03/07/2018	02/26/2019	356	Rights RSU	59
		3322967	01/10/2018	02/26/2019	412	Rights RSU	59
Jeffrey Lawrence Standen	VITAL ENERGY INC.	3302312	12/17/2018	01/17/2019	31	Convertible Debentures 10% Secured Subordinated	36
Jerry Schiefelbein	BADGER DAYLIGHTING LTD.	3305083	12/31/2018	01/23/2019	23	Performance Share Unit	56
John Aihoshi	CHAINODE OPPORTUNITIES CORP.	3315858	01/18/2019	02/12/2019	25	Common Shares	50
John Ernest Black	ALDEBARAN RESOURCES INC.	3298258	12/24/2018	01/09/2019	16	Common Shares	10
John Kelly	BADGER DAYLIGHTING LTD.	3305074	12/31/2018	01/23/2019	23	Performance Share Unit	56
John O'Connell	GEAR ENERGY LTD.	3302080	12/27/2018	01/16/2019	20	Common Shares	11
		3302077	12/27/2018	01/16/2019	20	Common Shares	11
		3312133	01/17/2019	02/06/2019	20	Common Shares	11
		3302079	12/27/2018	01/16/2019	20	Common Shares	11
		3312134	01/17/2019	02/06/2019	20	Common Shares	11
John Robert Barnett	ALCANNA INC.	3315871	12/31/2018	02/12/2019	43	Annual Deferred Shares (Common Shares)	56
Justin Holland	EGUANA TECHNOLOGIES INC.	3316236	12/13/2018	02/13/2019	62	Options	50
Karen A. Prentice	ALCANNA INC.	3315881	12/31/2018	02/12/2019	43	Annual Deferred Shares (Common Shares)	56
Karen Denise Perasalo	ESSENTIAL ENERGY SERVICES LTD.	3323014	06/11/2018	02/26/2019	260	Rights RSU	59
		3323016	01/07/2018	02/26/2019	415	Rights RSU	59
		3323015	03/07/2018	02/26/2019	356	Rights RSU	59
		3323017	01/10/2018	02/26/2019	412	Rights RSU	59

Alberta Securities Commission

Insider Name	Issuer Name	Transaction ID	Transaction Date	Filing Date	Days To File	Security Designation	Nature Of Transaction Code
Kathy Turgeon	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302502	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302500	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302501	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
Keith A.j. Macphail	NUVISTA ENERGY LTD.	3299292	09/06/2018	01/10/2019	126	Subscription Rights Subscription Receipts	11
	CENOVUS ENERGY INC.	3299212	09/30/2018	01/10/2019	102	Deferred Share Units	56
	NUVISTA ENERGY LTD.	3299299	09/28/2018	01/10/2019	104	Common Shares Deferred Share Units	56
Kwok Ping Sun	SUNSHINE OILSANDS LTD.	3307295	01/17/2019	01/29/2019	12	Common Shares Class A	10
Lee Alan Mcintire	Encana Corporation	3310009	11/05/2018	02/04/2019	91	Common Shares	10
Lee Russell Curran	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302479	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302481	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302480	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
Leonard C. Gambles	PRECISION DRILLING CORPORATION	3310653	02/26/2018	02/04/2019	343	Restricted Share Units	56
Lynch Peter	ALCANNA INC.	3315867	12/31/2018	02/12/2019	43	Annual Deferred Shares (Common Shares)	56
Mark Ayranto	BANYAN GOLD CORP.	3289488	12/18/2018	01/01/2019	14	Options	50
Martin Robert Ferron	NORTH AMERICAN CONSTRUCTION GROUP LTD.	3295477	12/12/2018	01/07/2019	26	Common Shares	10
		3295473	12/12/2018	01/07/2019	26	Options	51
Matthew Gaden Western Wood	ANTLER HILL MINING LTD.	3304715	03/13/2018	01/23/2019	316	Options	50
Michael Glen Eastwood	CANADIAN WESTERN BANK	3296524	12/24/2018	01/08/2019	15	Common Shares	10
		3296528	12/27/2018	01/08/2019	12	Common Shares	10
Michael James Tunney	BADGER DAYLIGHTING LTD.	3305081	12/31/2018	01/23/2019	23	Performance Share Unit	56
Michael Ranger	STRATA POWER CORPORATION	3304984	11/12/2017	01/23/2019	437	Options	50
		3303138	04/28/2017	01/18/2019	630	Common Shares	46

List of late SEDI filings of insiders of Alberta based issuers  
From January 01, 2019 To February 27, 2019

Alberta Securities Commission

Insider Name	Issuer Name	Transaction ID	Transaction Date	Filing Date	Days To File	Security Designation	Nature Of Transaction Code
Mihalios Sapountzoglou	BLUEWATER ACQUISITION CORP.	3298555	11/01/2018	01/09/2019	69	Options	50
Pamela Anne McIntyre	CANADIAN NATURAL RESOURCES LIMITED	3324257	02/01/2019	02/27/2019	26	Options	50
Patrick Whelan	WESTLEAF INC.	3305923	12/28/2018	01/25/2019	28	Common Shares	36
Paul Colborne	SURGE ENERGY INC.	3323070	01/15/2019	02/26/2019	42	Common Shares	10
		3322372	02/15/2019	02/25/2019	10	Common Shares	10
		3323024	02/15/2019	02/26/2019	11	Common Shares	10
		3323027	01/15/2019	02/26/2019	42	Common Shares	10
		3323025	01/15/2019	02/26/2019	42	Common Shares	10
		3323069	02/15/2019	02/26/2019	11	Common Shares	10
		3323026	02/15/2019	02/26/2019	11	Common Shares	10
Paul Haggis	ADVANTAGE OIL & GAS LTD.	3297139	11/30/2018	01/08/2019	39	Common Shares	10
		3297148	12/03/2018	01/08/2019	36	Common Shares	10
Peter Bissonnette	SHAW COMMUNICATIONS INC.	3311638	12/31/2018	02/05/2019	36	Directors' Deferred Share Units (DDSU)	56
Peter Leo Gommerud	JAEGER RESOURCES CORP.	3304412	12/21/2018	01/22/2019	32	Common Shares	10
		3304413	12/28/2018	01/22/2019	25	Common Shares	10
Randall Douglas Henderson	CORTEX BUSINESS SOLUTIONS INC.	3317563	02/15/2015	02/15/2019	1461	Common Shares	22
Randy M. Jarock	BONTERRA ENERGY CORP.	3299660	12/21/2018	01/11/2019	21	Options	50
Robb Douglas Thompson	BONTERRA ENERGY CORP.	3292338	12/21/2018	01/03/2019	13	Options	50
Robert David Penner	EGUANA TECHNOLOGIES INC.	3303843	12/13/2018	01/21/2019	39	Options	50
Robert Kagel	BLUEWATER ACQUISITION CORP.	3298637	11/01/2018	01/09/2019	69	Options	50
Robert Nathan Edwards	AMERICAN CREEK RESOURCES LTD.	3308478	01/21/2019	01/31/2019	10	Options	50
Rodger Tourigny	BONTERRA ENERGY CORP.	3299672	12/21/2018	01/11/2019	21	Options	50
Rodney Williams	ZOMEDICA PHARMACEUTICALS CORP.	3291263	12/21/2018	01/03/2019	13	Common Shares	51
Scott Robinson	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302494	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302495	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56

Alberta Securities Commission

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Scott Robinson	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302496	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
Sean Patrick Pownall	AMERICAN CREEK RESOURCES LTD.	3308500	01/21/2019	01/31/2019	10	Options	50
Shuja Goraya	PRECISION DRILLING CORPORATION	3311235	11/30/2018	02/05/2019	67	Common Shares	10
		3311234	10/29/2018	02/05/2019	99	Common Shares	10
Stephen Loukas	OBSIDIAN ENERGY LTD.	3301309	12/21/2018	01/15/2019	25	Common Shares	71
		3301306	12/21/2018	01/15/2019	25	Common Shares	71
		3301311	12/21/2018	01/15/2019	25	Common Shares	71
Stephen Walter King	Alaris Royalty Corp.	3302745	12/11/2018	01/18/2019	38	Common Shares	48
Taylor Jordan Haig Ethans	WESTLEAF INC.	3304771	12/28/2018	01/23/2019	26	Common Shares	36
Terrance Freeman	MCCOY GLOBAL INC.	3289411	12/20/2018	01/01/2019	12	Rights DSU	46
Timothy Hammond Reiber	BADGER DAYLIGHTING LTD.	3305079	12/31/2018	01/23/2019	23	Performance Share Unit	56
Timothy Louie	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302493	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302491	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302492	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
Todd Burdick	PEYTO EXPLORATION & DEVELOPMENT CORP.	3302478	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302476	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
		3302477	01/01/2019	01/17/2019	16	Share Appreciation Rights (cash-based only)	56
Tracey Lynn Wallace	BADGER DAYLIGHTING LTD.	3305067	12/31/2018	01/23/2019	23	Performance Share Unit	56
Trevor Newton	STRATA POWER CORPORATION	3304964	05/26/2017	01/23/2019	607	Common Shares	45
		3304635	11/12/2017	01/23/2019	437	Options	50
		3304967	05/26/2017	01/23/2019	607	Common Shares	45
		3304627	05/26/2017	01/23/2019	607	Common Shares	46
Victor Therrien	BLUEWATER ACQUISITION CORP.	3298649	11/01/2018	01/09/2019	69	Options	50
Wade Mark Wilson	BADGER DAYLIGHTING LTD.	3305072	12/31/2018	01/23/2019	23	Performance Share Unit	56

List of late SEDI filings of insiders of Alberta based issuers  
From January 01, 2019 To February 27, 2019

Alberta Securities Commission

Insider Name	Issuer Name	Transaction ID	Transaction Date	Filing Date	Days To File	Security Designation	Nature Of Transaction Code
William, George Sembo	ARC RESOURCES LTD.	3299917	12/20/2018	01/11/2019	22	Common Shares	10
Yogeshwar Sharma	HORIZON PETROLEUM LTD.	3288804	10/01/2018	12/29/2018	89	Common Shares	16
Zhouliang (nick) Zhang	VITAL ENERGY INC.	3300659	12/17/2018	01/14/2019	28	Convertible Debentures 10% Secured Subordinated	36