

Defunct Company (Licensee Name)	Abandonment Expenditures to March 31, 2019	Reclamation Expenditures to March 31, 2019	Total Orphan Expenditures*
1354465 ALBERTA LTD	1,000	3,000	4,000
1471002 ALBERTA LTD	6,000	-	6,000
201875 ALBERTA LTD.	130,000	7,000	137,000
319597 ALBERTA LTD.	5,000	52,000	57,000
339157 ALBERTA LTD	126,000	68,000	194,000
385417 ALBERTA LTD	1,016,000	26,000	1,042,000
623396 ONTARIO LIMITED	64,000	44,000	108,000
690462 ALBERTA LTD	311,000	163,000	475,000
919472 ALBERTA LTD	2,000	-	2,000
A. CHAMBERS & B.H. COXWORTH	330,000	-	330,000
AC ENERGY INC.	65,000	114,000	179,000
ACC INTERNATIONAL ENERGY INC	82,000	107,000	189,000
ACHESON-EAST OIL & GAS CO LTD	2,000	1,711,000	1,713,000
ACME GAS & OIL CO. LTD.	64,000	403,000	467,000
ACQUIRE ENERGY INC	19,000	46,000	65,000
ACUMEN ENERGY CORPORATION LIMITED	-	613,000	613,000
ADVANCE OIL COMPANY LIMITED	20,000	-	20,000
ADVANTAGE WELL SERVICING LTD	183,000	212,000	395,000
ADVENT PETROLEUMS INC.	-	29,000	29,000
ALBERTA CLAY PRODUCTS LIMITED	1,216,000	-	1,216,000
ALBERTA EASTERN GAS LIMITED	-	69,000	69,000
ALBERTA GAS PROCESSORS LTD	-	39,000	39,000
ALBERTA PINNACLE OIL COMPANY LTD	127,000	131,000	258,000
ALLIANCE OIL COMPANY LTD.	1,813,000	53,000	1,866,000
ALLSTAR ENERGY LIMITED	2,000	9,000	11,000
ALOGO ENERGY INC	-	29,000	29,000
ALPINE RESOURCES LTD.	82,000	103,000	185,000
ALSTON ENERGY INC	2,569,000	491,000	3,060,000
ALTASUN HOLDINGS LTD.	21,000	29,000	50,000
AMTEC PETROLEUM CORPORATION	8,000	32,000	40,000
ANTELOPE LAND SERVICES LTD	113,000	-	113,000
ANTERRA ENERGY INC	1,866,000	406,000	2,272,000
ANVIL GEOSPATIAL CORPORATION	123,000	-	123,000
APEX ENERGY (CANADA) INCORPORATED	-	859,000	859,000
ARBOUR ENERGY INC	312,000	-	312,000
ARBUCKLE, W.K.	-	126,000	126,000
ARGUS RESOURCES LTD	-	408,000	408,000
ARIES RESOURCES LTD	-	335,000	335,000
ARKALTA ENERGY INCORPORATED	-	37,000	37,000
ARMROSS RESOURCES LTD	6,000	91,000	98,000
ARMSTRONG, JACK	247,000	638,000	885,000
ARTISAN ENERGY CORPORATION	1,127,000	118,000	1,245,000
ASCENSION ENERGY CORPORATION	163,000	1,002,000	1,165,000
ASPEN ENDEAVOUR RESOURCES INC	12,000	110,000	122,000
ASTRALITE EXPLORATION LTD	2,000	78,000	80,000

Defunct Company (Licensee Name)	Abandonment Expenditures to March 31, 2019	Reclamation Expenditures to March 31, 2019	Total Orphan Expenditures*
ATINA HOLDINGS LTD.	12,000	-	12,000
AVENTURA ENERGY INC	5,000	7,000	2,000
AVONDALE ENERGY INC	691,000	128,000	819,000
BANNER OILS LIMITED	72,000	1,000	73,000
BARDINE OILS LTD	20,000	13,000	33,000
BARNES PETROLEUM CON. LTD	6,000	13,000	18,000
BEARCAT EXPLORATIONS LTD	156,000	-	156,000
BEAU ENERGY INC	48,000	78,000	126,000
BEAVER OILS LTD	928,000	-	928,000
BIG RED OIL SERVICES LIMITED	-	163,000	163,000
BIG VALLEY ENERGY CORPORATION	1,484,000	19,886,000	21,369,000
BINTEC EXPLORATION COMPANY LIMITED	-	36,000	36,000
BLACKFOOT OIL SYNDICATE	1,000	7,000	8,000
BLAKE RESOURCES LTD	8,000	200,000	208,000
BLUE GOLD OIL & GAS LIMITED	-	6,000	6,000
BLUE HORIZON ENERGY INC	2,000	-	2,000
BNP RESOURCES INC	83,000	8,000	92,000
BOALTA GAS & OIL LTD.	105,000	-	105,000
BOHANI RESOURCES INC	-	29,000	29,000
BONNIE GLEN RESOURCES LTD.	43,000	1,081,000	1,124,000
BONNYVILLE ENERGY COMPANY LTD	-	52,000	52,000
BONNYVILLE OIL REFINERIES LTD	2,000	-	2,000
BORDER EXPLORATION COMPANY	-	33,000	33,000
BORRADAILE OILS LIMITED	17,000	18,000	35,000
BOWMAN PETROLEUM MANAGEMENT LIMITED	-	41,000	41,000
BRACKNELL CORPORATION	8,000	61,000	69,000
BRADLEY OIL & GAS INC	24,000	1,000	25,000
BRIDGES ENERGY INC	1,876,000	4,036,000	5,912,000
BRIGHT RESOURCES LTD	-	9,000	9,000
BRIXTON ENERGY CORP	399,000	377,000	776,000
BRL ENTERPRISES INC	3,000	135,000	138,000
BROMLEY.MARR ECOS INC.	95,000	-	95,000
BROOKS OIL & GAS LTD	-	192,000	192,000
BRUNYAN RESOURCES LTD	467,000	-	467,000
BURTEX LTD	-	37,000	37,000
BVE RESOURCES LIMITED	-	48,000	48,000
CADEX ENERGY CORPORATION	15,000	104,000	89,000
CAL-CAN SYSTEMS & ENGINEERING LIMITED	-	160,000	160,000
CALCO RESOURCES LTD.	267,000	654,000	920,000
CALVER RESOURCES INC	542,000	11,000	553,000
CALYPSO EXPLORATION LTD	1,000	15,000	16,000
CAMERINA PETROLEUM CORPORATION	139,000	2,000	141,000
CAMINO INDUSTRIES INC	631,000	8,000	639,000
CAMPBELL, VICTOR LEROY	127,000	58,000	185,000
CANADA WEST RESOURCES INC	120,000	336,000	456,000

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CANADIAN AMERICAN ROYALTIES LIMITED	-	88,000	88,000
CANADIAN COYOTE ENERGY LTD	6,614,000	395,000	7,009,000
CANADIAN FINA PRODUCTION LIMITED	147,000	47,000	193,000
CANADIAN INDUSTRIAL GAS LIMITED	1,084,000	1,000	1,085,000
CANADIAN OIL & GAS INTERNATIONAL INC	4,228,000	436,000	4,664,000
CANADIAN PENCROWN RESOURCES LIMITED	8,000	-	8,000
CANADIAN PETROLEUM	1,063,000	-	1,063,000
CANADIAN PONDERAY ENERGY LTD	-	63,000	63,000
CANADIAN QUANTUM ENERGY CORPORATION	109,000	-	109,000
CANADIAN ROCKIES PETROLEUM CORP	1,440,000	471,000	1,911,000
CANADIAN SALES & MANUFACTURING COMPANY L	60,000	296,000	356,000
CANADIAN SLOVENIA OIL & GAS	85,000	174,000	259,000
CANADIAN SULPHUR DEVELOPMENT LTD	-	84,000	84,000
CANOGA RESOURCE MANAGEMENT LTD.	215,000	219,000	434,000
CANOKE PETROLEUM COMPANY	-	195,000	195,000
CAPITAL OIL LTD	124,000	-	124,000
CAPRI DRILLING (CANADA) INC	13,000	179,000	192,000
CARDINAL PETROLEUM COMPANY	-	304,000	304,000
CARIBE PETROLEUMS INC	-	24,000	24,000
CARL OIL AND GAS LTD.	427,000	1,076,000	1,503,000
CARMANAH RESOURCES LTD	-	43,000	43,000
CARON, ARTHUR GERALD	1,989,000	7,000	1,996,000
CASCADE DRILLING COMPANY LIMITED	-	62,000	62,000
CB PAK INC	627,000	24,000	652,000
CENERGY RESOURCES LTD	344,000	1,155,000	1,499,000
CENTRAL EXPLORERS LIMITED	8,000	2,000	9,000
CENTURY OILS LTD.	42,000	19,000	61,000
CEPHALON RESOURCE CORPORATION	32,000	221,000	253,000
CHA PETROLEUM & MINERALS	-	15,000	15,000
CHARPET RESOURCES LTD.	177,000	692,000	869,000
CHINOOK MANAGEMENT LTD	-	62,000	62,000
CLETOM ENERGY LTD.	-	189,000	189,000
COHO RESOURCES LIMITED	-	220,000	220,000
COMMONWEALTH HYDROCARBONS LTD.	47,000	134,000	181,000
COMPADRE OIL CORPORATION	-	109,000	109,000
CONDOR RESOURCES INC.	2,359,000	8,154,000	10,513,000
CONFEDERATION ENERGY CORPORATION LTD.	10,000	246,000	256,000
CONRAD RESOURCES LTD.	130,000	118,000	248,000
CONSERVE OIL 8TH CORPORATION	3,000	-	3,000
CONSOLIDATED AD ASTRA MINERALS LTD	-	9,000	9,000
CONSOLIDATED PETROQUIN RESOURCES LIMITED	32,000	120,000	153,000
COPPER CREEK PETROLEUM INC	548,000	324,000	872,000
CORALTA RESOURCES LIMITED	-	20,000	20,000
CORVALLIS RESOURCES LTD.	-	27,000	27,000
COUGAR OIL AND GAS CANADA INC	4,507,000	673,000	5,180,000

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COUNT ALFRED VON HAMMERSTEIN	392,000	-	392,000
COUNTY LINE ENERGY (CANADA) INC	14,000	9,000	23,000
COX, EDWIN LOCHRIDGE	-	148,000	148,000
CURLEW LAKE RESOURCES INC	1,000	98,000	99,000
DELEK RESOURCES LTD	333,000	734,000	1,067,000
DELTA PETROLEUM CORP. LTD.	-	23,000	23,000
DESMARAIS ENERGY CORPORATION	917,000	330,000	1,247,000
DEVENISH PETROLEUM LIMITED	14,000	-	14,000
DEWPOINT RESOURCES LTD	552,000	11,000	562,000
DEXX ENERGY CORPORATION	269,000	1,004,000	1,273,000
DHI ENERGY INC	852,000	207,000	1,059,000
DICORE RESOURCES LTD.	31,000	102,000	134,000
DINA OIL & REFINING CO. LTD.	1,520,000	61,000	1,581,000
DINWOODY RESOURCES LTD	-	5,000	5,000
DOMINION ENERGY CORPORATION	-	26,000	27,000
DORNE RESOURCES LTD	-	27,000	27,000
DOVE ENERGY INC	438,000	-	438,000
DRAKE ENERGY LTD	361,000	185,000	546,000
DREADNOUGHT ENERGY INC	137,000	35,000	172,000
DS&W OIL COMPANY	1,000	8,000	10,000
DUEL ENERGY INC	19,000	149,000	168,000
DYCO PETROLEUM CORPORATION	-	173,000	173,000
DYNAMIX CORPORATION	-	74,000	74,000
E L MADISON OIL WELL SERVICING LIMITED	-	879,000	879,000
EAGLE OILFIELD SALES & FABRICATING LTD.	80,000	87,000	166,000
EASTLAND RESOURCES LTD	1,000	-	1,000
EL CINCO OILS LTD	8,000	-	8,000
EMERALD BAY ENERGY INC	713,000	437,000	1,150,000
ENERHANCE RESOURCES INC	58,000	163,000	221,000
ENQUEST ENVIRONMENTAL SERVICES CORP	299,000	375,000	674,000
ENTOURAGE ENERGY LTD	79,000	-	79,000
EXCEL VALLEY PETROLEUM LTD	-	222,000	222,000
FAIRWEST ENERGY CORPORATION	8,656,000	1,897,000	10,553,000
FARCO RESOURCES LIMITED	-	156,000	156,000
FARMERS OIL & GAS DRILLING LTD.	94,000	163,000	258,000
FER DE LANCE	34,000	-	34,000
FIFE PETROLEUM LTD.	1,000	337,000	338,000
FIRST WEST PETROLEUM INC	851,000	312,000	1,163,000
FLEXLANDS EXPLORATION LTD	-	21,000	21,000
FORENT ENERGY LTD	2,000	-	2,000
FORET MANAGEMENT LTD	42,000	14,000	57,000
FORGOTSON AND BURK	-	6,000	6,000
FORTALEZA ENERGY INC	4,000	2,000	5,000
FRANCES PETROLEUMS LTD	18,000	-	18,000
FRANCO OILS LIMITED	90,000	-	90,000

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FRONTIER ENERGY INC	529,000	667,000	1,197,000
FRONTIER OIL AND GAS LTD.	-	14,000	14,000
FULTON PRODUCING COMPANY	-	1,162,000	1,154,000
G.T.I. GAS TECHNICS INC.	10,000	18,000	28,000
GAGE CANADIAN OIL AND GAS CORPORATION	-	52,000	52,000
GAMMON RESOURCES LTD.	2,000	175,000	177,000
GATEWAY PETROLEUM INC	372,000	284,000	657,000
GAUCHOIL, INC.	147,000	84,000	231,000
GE EXPLORATION LTD.	45,000	45,000	91,000
GETAWAY GAS COMPANY LTD	-	125,000	125,000
GIBRALTAR OIL CORPORATION	-	24,000	24,000
GLENCOE RESOURCES LTD	118,000	27,000	145,000
GLENORA RESOURCES LTD	-	16,000	16,000
GOLDEN COAST ENERGY CORP	326,000	94,000	421,000
GOLDEN ENERGY LTD	-	61,000	61,000
GOLDEN GOOSE ENERGY LTD	4,000	4,000	8,000
GOLDEN VALLEY IRRIGATION CO	1,656,000	-	1,656,000
GOLDENROD RESOURCES INC	257,000	329,000	586,000
GOODLAND ENERGY LTD	3,061,000	58,000	3,120,000
GP RESOURCES LTD	147,000	23,000	170,000
GPI OIL & GAS INC	491,000	97,000	588,000
GRATTON OIL COMPANY	3,340,000	2,000	3,342,000
GREAT NORTHERN OIL & GAS INC	-	43,000	43,000
GREEN POINT RESOURCES LTD	-	108,000	108,000
GREENHORNS ENERGY INC	28,000	-	28,000
GRIZZLY HOLDINGS INC	56,000	6,000	61,000
GUARDIAN EXPLORATION INC	114,000	3,000	117,000
GUSHER OIL & GAS LTD	11,000	108,000	119,000
HALE, W.	23,000	-	23,000
HAMCOR RESOURCES INC.	458,000	1,210,000	1,668,000
HANNA OIL & GAS COMPANY - CANADA, ULC	1,100,000	138,000	1,237,000
HANSAR ENERGY CORP	7,000	6,000	12,000
HAZELWOOD ENERGY LIMITED	2,000	267,000	265,000
HERMES ENERGY CORP	969,000	69,000	1,038,000
HIBERNIA OILS LIMITED	-	21,000	21,000
HIGH LEVEL ENERGY LTD.	10,000	353,000	363,000
HIGHLAND RESOURCES INC	1,000	120,000	121,000
HOLBURN ENERGY INC.	-	307,000	307,000
HOUG CEMENT LIMITED	-	21,000	21,000
HUFFINGTON INTERNATIONAL OF CANADA LTD	-	213,000	213,000
HUNTEX LIMITED	-	4,000	4,000
I.T.A. ENTERPRISES INC	-	27,000	27,000
ICOR OIL & GAS COMPANY LTD.	124,000	1,374,000	1,497,000
IGNITION ENERGY LTD	6,000	-	6,000
INLAND DEVELOPMENT COMPANY LTD	117,000	54,000	171,000

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INTER-CITY GAS CORPORATION	2,000	-	2,000
INTERQUEST INCORPORATED	114,000	-	114,000
IOC INCA OIL CORPORATION	-	15,000	15,000
J. M. HUBER CORPORATION	1,153,000	-	1,153,000
JAGUAR RESOURCES INC	213,000	7,000	220,000
JARALTA VENTURES LTD	-	23,000	23,000
JASPER DRILLING COMPANY LTD	235,000	77,000	312,000
JAYHAWK EXPLORATION INC	-	278,000	278,000
JIXIN ENERGY INC	53,000	8,000	61,000
JOFFRE OILS LTD	1,004,000	1,526,000	2,530,000
JOULE RESOURCES INC	-	63,000	63,000
KANDEX RESOURCES & DEVELOPMENT LTD	27,000	218,000	245,000
KANENERGY LTD	-	75,000	75,000
KATANA RESOURCES LTD.	1,366,000	3,648,000	5,014,000
KELSEY EXPLORATION LTD	-	107,000	107,000
KENSO ENTERPRISES LTD	-	15,000	15,000
KERRISDALE RESOURCES LTD	229,000	109,000	338,000
KODIAK PETROLEUM ULC	-	21,000	21,000
KOH PRODUCTION CORP.	34,000	74,000	108,000
KOOTENAY ENERGY INC	14,000	-	14,000
KYJO RESOURCES LTD	1,460,000	1,826,000	3,287,000
LAC MINERALS LTD.	4,000	119,000	123,000
LAFARGE CANADA INC	7,000	7,000	14,000
LAMROCK RESOURCES LTD.	25,000	323,000	348,000
LANDEX MINERALS LTD	-	12,000	12,000
LEA PARK SYNDICATE	200,000	-	200,000
LEA PARKS OILS LTD	69,000	1,000	70,000
LEGACY PETROLEUM LTD.	2,809,000	15,967,000	18,776,000
LEGAL OIL & GAS LTD.	2,073,000	20,429,000	22,501,000
LEGEND ENERGY CANADA LTD	1,164,000	224,000	1,388,000
LEHMAN RESOURCES LTD.	57,000	567,000	624,000
LEXIN RESOURCES LTD	9,263,000	11,000	9,274,000
LGX OIL + GAS INC	537,000	17,000	554,000
LINDEN EXPLORATIONS INC	-	142,000	142,000
LLOYDMINSTER OIL PRODUCERS LIMITED	117,000	2,000	119,000
LOCHIEL EXPLORATION LTD.	-	149,000	149,000
LOCKHART ENERGY LTD	5,000	1,000	5,000
LOCKWOOD RESOURCES LTD	284,000	55,000	338,000
LONDON RIBSTONE PETROLEUM LTD.	35,000	-	35,000
LORAD ENERGY INC	144,000	3,000	147,000
LOZAN OIL & GAS LTD.	10,000	102,000	112,000
LR PROCESSING LTD	1,177,000	-	1,177,000
LUCINDA GOLD RESOURCES LTD.	59,000	1,630,000	1,689,000
M.L. CASS PETROLEUM CORPORATION	1,587,000	1,143,000	2,730,000
M.V.A. EXPLORATION	61,000	74,000	135,000

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MAGNA PETROLEUMS LTD.	108,000	45,000	153,000
MAGNUS ONE ENERGY CORP	60,000	42,000	102,000
MALONEY-CRAWFORD MANUFACTURING	-	19,000	19,000
MARALTA OIL CO. LTD.	494,000	2,000	495,000
MARNELL RESOURCES LTD	34,000	-	34,000
MARWAYNE OILS LIMITED	976,000	20,000	996,000
MATRIX RESOURCES LTD.	35,000	48,000	84,000
MCLEOD OIL COMPANY LIMITED	2,365,000	2,000	2,367,000
MELAND CORPORATION LTD	-	60,000	60,000
MERCURY OILS LIMITED	92,000	-	92,000
MIDFIELD PETROLEUM DEV. CO. LTD	276,000	5,000	281,000
MIDLAKE OIL & GAS LIMITED	4,400,000	334,000	4,734,000
MISTAHIYA RESOURCES LTD	8,000	13,000	21,000
MKE CANADA LTD	1,116,000	96,000	1,213,000
NATIONAL PETROLEUM CORPORATION LIMITED	9,000	1,623,000	1,632,000
NELSON, PETER WILLIAM	46,000	2,000	48,000
NEO EXPLORATION INC	4,658,000	1,848,000	6,506,000
NEW MCDUGAL-SEGUR	1,376,000	200,000	1,575,000
NEWCREST RESOURCES LTD	3,000	2,000	4,000
NEWFOLD ROYALTIES LIMITED	212,000	60,000	273,000
NORDEGG RESOURCES INC	82,000	65,000	147,000
NORDEX RESOURCES LTD.	25,000	53,000	78,000
NORDIC OIL & GAS LTD	116,000	17,000	133,000
NORTH PACIFIC OIL CO	1,446,000	10,000	1,456,000
NORTHEND PETROLEUMS LIMITED	12,000	15,000	27,000
NORTHERN BADGER OIL & GAS LIMITED	-	60,000	60,000
NORTHPIKE ENERGY LTD	57,000	55,000	112,000
NOSE CREEK HOLDINGS LTD	18,000	-	18,000
NUCO PETROLEUMS LTD	377,000	-	377,000
OCEAN CITY DEVELOPMENTS	1,664,000	13,000	1,677,000
OLYMPIC RESOURCES LTD	4,000	353,000	357,000
OXVILLE OIL GAS & DEVELOPMENT CO LIMITED	10,000	-	10,000
PACOOTTA OIL LIMITED	7,000	-	7,000
PACWEST RESOURCES LTD	35,000	-	35,000
PADRV DEVELOPMENT LTD	601,000	253,000	854,000
PAR RESOURCES LTD	-	8,000	8,000
PARA-TECH ENERGY SERVICES INC	15,000	-	15,000
PEACE RIVER OIL COMPANY	7,950,000	-	7,950,000
PEACE WEST ENERGY CORPORATION	806,000	201,000	1,007,000
PETHELEN RESOURCES (1973) LIMITED	1,519,000	1,389,000	2,907,000
PETRO ENERGY CORP	2,000	2,000	4,000
PETRO VIKING MANAGEMENT CORP	817,000	187,000	1,004,000
PETROGLOBE INC	132,000	-	132,000
PETROMINE EXPLORATION & FINANCE COMPANY	-	32,000	32,000
PHOENIX RESOURCES COMPANY	-	350,000	350,000

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PIUTE PETROLEUMS LIMITED	-	18,000	18,000
PLACID OIL COMPANY	246,000	1,000	247,000
POPLAR POINT ENERGY LTD	96,000	1,000	97,000
PRINCE RESOURCE CORPORATION	1,554,000	2,436,000	3,990,000
PRIOR RESOURCES LTD.	7,000	462,000	469,000
PROJECT OIL & GAS OPERATORS LTD.	6,000	1,000	7,000
PROVENANCE PETROLEUM INC	115,000	260,000	374,000
PROVOST PETROLEUMS LTD.	365,000	2,050,000	2,415,000
PYRAMID PETROLEUM INC	71,000	2,000	73,000
QUATTRO EXPLORATION AND PRODUCTION LTD	48,000	-	48,000
QUEST ENERGY INC	-	124,000	124,000
QUESTFIRE ENERGY CORP	370,000	-	370,000
QWEST DIVERSIFIED CAPITAL CORPORATION	1,604,000	39,000	1,643,000
R W DEVELOPMENT COMPANY LTD	16,000	-	16,000
R. GALE	310,000	3,000	313,000
R.L. SHAW & A. MCLATCHIE	6,000	1,000	7,000
RANGE ENERGY INC.	589,000	390,000	979,000
RAYROCK YELLOWKNIFE RESOURCES INC	14,000	-	14,000
RECOIL WASTE AND CENTRAL TREATING LTD.	54,000	-	54,000
RED LEAF ENERGY INC	-	145,000	145,000
REDEYE ENERGY LIMITED	37,000	13,000	50,000
REDWATER ENERGY CORP	310,000	92,000	402,000
REEL ENERGY CORP.	173,000	439,000	612,000
REGENT RESOURCES LTD	18,000	55,000	73,000
REID RESOURCES LTD	79,000	-	79,000
RICHARD J CHURCHILL LIMITED	82,000	1,000	83,000
RICHBAR RESOURCES LTD	-	149,000	149,000
RILEY RESOURCES INC	284,000	105,000	389,000
RIMBEY HYDROCARBONS INC	-	497,000	497,000
RIO PETRO LTD	243,000	205,000	449,000
ROBERT CLIVE BROWN	-	137,000	137,000
ROCK RIVER RESOURCES LTD.	41,000	78,000	119,000
ROCKBRIDGE ENERGY ALBERTA INC	6,000	9,000	15,000
ROCKET RESOURCES INC	270,000	108,000	378,000
ROGER GAS WELL (1980) LTD	57,000	28,000	85,000
RONCOTT RESOURCES INC	147,000	-	147,000
SAAMIS OIL & GAS LTD	46,000	-	46,000
SABA ENERGY INC	-	69,000	69,000
SABA ENERGY LTD	21,000	1,361,000	1,381,000
SABANERO ENERGY CORP	803,000	155,000	957,000
SAGUARO ENERGY CORP	321,000	-	321,000
SAMEDAN OIL OF CANADA, INC	160,000	7,000	167,000
SANDBOX ENERGY CORP	401,000	397,000	798,000
SAPHONYX ENERGY INC	218,000	-	218,000
SARG OILS LTD	316,000	2,950,000	3,266,000

Defunct Company (Licensee Name)	Abandonment Expenditures to March 31, 2019	Reclamation Expenditures to March 31, 2019	Total Orphan Expenditures*
SAVANT ENERGY LTD	411,000	276,000	687,000
SCHOONMAKER, GEORGE C.	12,000	1,000	13,000
SCOLLARD ENERGY LTD	30,000	-	30,000
SECOND WAVE PETROLEUM INC	560,000	110,000	669,000
SEDNA OIL AND GAS LTD	1,012,000	110,000	1,122,000
SEISTECH ENERGY INC	280,000	4,000	284,000
SEKUR ENERGY MANAGEMENT CORP	2,052,000	291,000	2,343,000
SENORA ENERGY CORPORATION	180,000	697,000	877,000
SHALEX CORPORATION	1,000	1,000	2,000
SHAW PETROLEUMS COMPANY LIMITED	59,000	5,000	64,000
SHAW PETROLEUMS LTD	-	86,000	86,000
SHENANDOAH RESOURCES LTD.	20,000	48,000	28,000
SHORELINE ENERGY CORP	6,090,000	1,561,000	7,651,000
SHUNDA ENERGY CORPORATION	1,000	373,000	373,000
SILVER SWAN RESOURCES INC	42,000	4,000	45,000
SILVERTIP RESOURCES LTD	15,000	1,312,000	1,327,000
SIMPSON, RONALD	28,000	5,000	33,000
SINO-WESTERN PETROLEUM INC	578,000	125,000	703,000
SIRIUS ENERGY CORPORATION LTD	-	43,000	43,000
SLATE ENERGY INC	882,000	136,000	1,018,000
SNOWBIRD RESOURCES LTD	-	37,000	37,000
SOUTH ALBERTA ENERGY CORP.	105,000	8,290,000	8,396,000
SOUTHPORT RESOURCES LTD.	339,000	-	339,000
ST. IVES ENERGY CORPORATION	-	174,000	174,000
STARVEST CAPITAL INC	-	44,000	44,000
STEALTH VENTURES INC	2,299,000	526,000	2,825,000
STETSON OIL & GAS LTD	24,000	21,000	45,000
STORM CAT ENERGY CORPORATION	157,000	187,000	344,000
STOUT ENERGY INC	489,000	6,000	495,000
STRAUSS, EDWARD	28,000	1,000	29,000
STURGEON LAKE PETROLEUM LTD.	-	1,000	1,000
SULPETRO LIMITED	773,000	74,000	847,000
SUMMERFIELD ENERGY INC	9,000	19,000	28,000
SUN STAR ENERGY INC	166,000	-	166,000
SUNRISE ENERGY LTD	1,187,000	2,430,000	3,618,000
SYDCO ENERGY INC	4,792,000	673,000	5,465,000
SYNCO EXPLORATION INC.	1,240,000	2,398,000	3,638,000
TALLGRASS ENERGY CORP	9,377,000	2,758,000	12,135,000
TANDARA HOLDINGS LTD	28,000	192,000	220,000
TAR ISLAND OIL & GAS CO	79,000	-	79,000
TARGET CARBONS 16 INC	13,000	-	13,000
TARPON GAS MARKETING LTD	-	16,000	16,000
TENWELL GAS & OIL CO LTD	2,653,000	67,000	2,720,000
TERRA ENERGY CORP	4,117,000	368,000	4,485,000
THE REGENT OIL COMPANY LIMITED	961,000	-	961,000

Defunct Company (Licensee Name)	Abandonment Expenditures to March 31, 2019	Reclamation Expenditures to March 31, 2019	Total Orphan Expenditures*
THOMAS, RICHARD A	124,000	314,000	437,000
TILLEY OILFIELD SALES LTD.	108,000	92,000	200,000
TORNADO RESOURCES LTD	-	42,000	42,000
TRAFINA ENERGY LTD	2,000	-	2,000
TREKELANO RESOURCES LTD.	192,000	1,703,000	1,895,000
TREND EXPLORATION LIMITED	14,000	10,000	24,000
TRI COMMUNICATION SOLUTIONS INC	-	29,000	29,000
TRICAN PETRO-CHEMICAL CORPORATION, NPL	7,000	-	7,000
TRIDENT EXPLORATION (ALBERTA) CORP	17,000	-	17,000
TRI-STAR PETROLEUM INC.	109,000	191,000	300,000
TRI-ZONE OIL & DEVELOPMENT CO. LTD.	46,000	23,000	69,000
TROPHY PETROLEUM CORPORATION	4,000	62,000	66,000
TUDOR CORPORATION LTD	848,000	29,000	877,000
TURF PETROLEUM LTD	-	81,000	81,000
TUSCANY ENERGY LTD	865,000	155,000	1,021,000
TYSON ENERGY CORP	-	57,000	58,000
UNIFIED PETROLEUMS LTD.	8,000	1,073,000	1,081,000
UNIFIED RESOURCES LTD.	52,000	114,000	166,000
UNITED PENN OIL & GAS LTD	25,000	26,000	51,000
UNLICENSED (AM HOTEL)	823,000	-	823,000
UNLICENSED (COLD LAKE FIRST NATIONS)	5,000	-	5,000
UPLANDS EXPLORATION LTD	-	141,000	141,000
VANALTA LIMITED	-	9,000	9,000
VANCOUVER NRG RESOURCES LTD	-	13,000	13,000
VANGUARD EXPLORATION CORP	65,000	191,000	256,000
VERDX MINERALS CORPORATION	-	46,000	46,000
VERITY ENERGY LTD	3,569,000	786,000	4,355,000
VERMILION CONSOLIDATED OILS LTD.	398,000	3,000	402,000
VICTORY OILS LIMITED	441,000	-	441,000
VINLAND EXPLORATION LTD.	23,000	35,000	59,000
VIRAGO ENERGY CORPORATION	-	532,000	532,000
WARDEAN DRILLING CO LIMITED	-	71,000	71,000
WARPET EXPLORATION LTD	-	75,000	75,000
WATER SOLUTIONZ ENTERPRISES INC	92,000	47,000	139,000
WELLECO VENTURES LTD	154,000	6,000	161,000
WESSELY ENERGY LIMITED	-	72,000	72,000
WEST RIDGE RESOURCES LTD	-	199,000	199,000
WESTBURNE PETROLEUM & MINERALS LTD	4,000	31,000	36,000
WESTERN & TEXAS OIL CO LIMITED	-	86,000	86,000
WESTERN PACIFIC OILS LTD	91,000	71,000	162,000
WESTERN TRUCK BODY MANUFACTURING LTD.	193,000	95,000	288,000
WHITE SHIELD OIL AND GAS (CANADA) LIMITE	-	280,000	280,000
WINTER PETROLEUM LTD	7,383,000	3,394,000	10,778,000
WINTERBURN OIL & GAS	4,000	242,000	247,000
WIZARD OILS LIMITED	-	15,000	15,000

Defunct Company (Licensee Name)	Abandonment Expenditures to March 31, 2019	Reclamation Expenditures to March 31, 2019	Total Orphan Expenditures*
WOODTHORPE PETROLEUM LTD	1,274,000	952,000	2,226,000
WRM RESOURCES LIMITED	12,000	338,000	350,000
XGEN VENTURES INC	400,000	108,000	508,000
YOUNG WEST OIL AND GAS LTD	-	380,000	380,000
ZEUS OILS AND HOLDINGS LTD.	17,000	11,000	28,000
ZONE PETROLEUM CORPORATION	5,000	110,000	115,000

*The total expenditures will not match total historical expenditures shown in OWA Annual Report for the following reasons:

This is not a complete list. Some long term orphan wells and very old historical wells with incomplete information are excluded.

Payments to active working interest partners for abandonment or reclamation work done on orphans licensed to defunct companies that have been deemed defaulting working interest participants by the AER may be included in these values.

Recoveries from AER collected through successful enforcement activities against the defunct company may be included.

Payments to the AER for reimbursement for unsuccessful enforcement activities may be included.

LLR Security Deposits held by the AER for the defunct company may be included.

Expenditures for historical orphan wells that were abandoned by the AER prior to 1997 which are difficult to track or explain are not included.

Some historical costs (less than \$10,000) that cannot be attributed to a specific site or defunct company are not included in this list.

Minor expenditures on orphan wells that were subsequently transferred to active companies are excluded from list (<\$5,000).

Expenditures on some long term orphan wells include reclamation expenditures in the Abandonment Expenditures column.

Expenditures on pipelines and facilities are included with the Abandonment expenditures.