

ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of the *ENERGY RESOURCES CONSERVATION ACT*, R.S.A. 2000, Chapter E-10; the *OIL AND GAS CONSERVATION ACT*, R.S.A. 2000, Chapter O-7; and Section 3 of the *OIL SANDS CONSERVATION REGULATION*, AR 76/88.

AND IN THE MATTER OF APPLICATION NUMBER 1506272 filed by Perpetual Energy Operating Corp.

AND IN THE MATTER OF APPLICATIONS NUMBER 1613543 and 1616123 filed by Sunshine Oilsands Ltd. and Total E&P Canada Ltd., respectively;

AND IN THE MATTER OF APPLICATION NUMBER 1647807 and Submission filed on April 15, 2010 by Athabasca Oil Sands Corp.

ORDER 11-002

WHEREAS on March 9, 2007, Perpetual Energy Operating Corp. (Perpetual), by its predecessor Paramount Energy Operating Corp., filed Application No. 1506272 with the Energy Resources Conservation Board (ERCB/Board) for approval to produce gas from the Wabiskaw zone in the well with the unique identifier 102/1-28-93-18W4M;

AND WHEREAS on May 7, 2009, Sunshine Oilsands Ltd. (Sunshine) filed Application No. 1613543, requesting that the ERCB shut in gas production, on an interim and a permanent basis, from 155 intervals in 104 wells in the northern part of the Athabasca Oil Sands Area;

AND WHEREAS on May 21, 2009, Total E&P Canada Ltd. (Total) filed Application No. 1616123 to have the perforated interval in the well at 6-4-94-17W4M included within Sunshine's region of influence, and for an order to shut-in gas production from the interval;

AND WHEREAS on September 25, 2009, Sunshine requested the interim and permanent shut-in of gas production from three additional intervals, of which two were in additional wells;

AND WHEREAS on October 15, 2009, the Board issued Decision 2009-061 with respect to the said interim shut-in applications, and on October 16, 2009, issued related Interim Shut-in Order 09-003, and subsequently issued two amendments to that order;

AND WHEREAS on April 15, 2010, Athabasca Oil Sands Corp. (Athabasca) filed a submission to support Sunshine's application and requested interim and permanent shut-in of 38 intervals in 25 wells and filed Application No. 1647807 requesting interim and permanent shut-in of 256 intervals in 188 wells;

AND WHEREAS on May 10, 2011, the Board issued Decision 2011 ABERCB 012 with respect to Athabasca's interim shut-in submission and application, and on May 25, 2011, issued related Interim Shut-in Order 11-001;

AND WHEREAS on December 13, 2011, the Board issued Decision 2011 ABERCB 035 with respect to the said applications and Athabasca's submission dated April 15, 2010;

AND WHEREAS the Board continues to believe that there is a conservation risk to bitumen from continued gas production in wells that communicate with potentially recoverable bitumen.

THEREFORE, for the purpose of conservation of the ultimate recovery of bitumen in the Wabiskaw-McMurray of the Athabasca Oil Sands Area, it is ordered that:

1. The licensees of the wells listed in Table 1 attached to this Order, or their respective successors, shall shut in or cause to remain shut in (as the case may be) the particular intervals listed in Table 1, effective the 31st day of December, 2011.
2. The following Orders are rescinded:
 - (a) Interim Shut-In Order 09-003; and
 - (b) Interim Shut-In Order 11-001.
3. In overlapping gas pools, where one pool is allowed to produce and another pool or other pools are required to be or remain shut in, the pools must be segregated in all the wellbores that encounter a pool that is allowed to produce. Zonal segregation tests demonstrating segregation in the wellbores shall be conducted and submitted to the Board in accordance with subsections 11.150(1) and (2) of the *Oil and Gas Conservation Regulations*. If segregation between pools in all the wellbores is not achieved or is not demonstrated by zonal segregation tests that are submitted to the Board, then all pools encountered by the wellbores must be or must remain shut in (as the case may).
4. This Order supersedes any previously issued orders or approvals respecting commingled production of Wabiskaw-McMurray and Devonian gas from the intervals listed in Table 1.

Made at the City of Calgary, in the Province of Alberta, this 15th day of December, 2011.

ENERGY RESOURCES CONSERVATION BOARD

<original signed by>

J. D. Dilay, P. Eng.
Board Member

Table 1. Shut-in Order 11-002

Company Abbreviations

AOSC	Athabasca Oil Sands Corp.
BONAVISTA	Bonavista Energy Corporation
BOW VALLEY	Bow Valley Energy Ltd.
BP	BP Canada Energy Company
CENOVUS	Cenovus Energy Inc.
CNRL	Canadian Natural Resources Limited
COSEKA	Coseka Resources Limited
DEVON	Devon Canada Corporation
EXXONMOBIL	ExxonMobil Canada Ltd. And ExxonMobil Resources Ltd.
GUARD	Guard Resources Ltd.
GULF	Gulf Canada Resources Ltd.
HERSHEY	Hershey Oil Corporation
HUSKY	Husky Oil Operations Limited
IMPERIAL	Imperial Oil Resources Limited
MARATHON	Marathon Canada Limited
MIDWAY	Midway Energy Ltd.
PARAMOUNT	Paramount Resources Ltd.
PERPETUAL	Perpetual Energy Operating Corp.
PETROBAKKEN	Petrobakken Energy Ltd.
PETROBANK	Petrobank Energy and Resources Ltd.
SHELL	Shell Canada Limited
SUNCOR	Suncor Enegy Inc.
TAQA NORTH	Taqa North Ltd.
TERCERO	Tercero Resources Company
TRIQUEST	Triquest Energy Corp.

Shut-in intervals

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE GROS MONT A	00/05-29-091-20W4/0	236.5	244.3	PERPETUAL
	00/03-30-091-20W4/0	231	248.2	PERPETUAL
	00/10-31-091-20W4/0	226.5	251.7	PERPETUAL
	00/13-32-091-20W4/0	227	249.2	PARAMOUNT
	00/07-26-091-21W4/0	245.5	254.5	HUSKY
	02/07-26-091-21W4/0	245	254.1	CNRL
	00/06-36-091-21W4/0	245.1	257	CNRL
	00/01-05-092-20W4/0	224	247.5	CNRL
	00/07-06-092-20W4/0	219.2	251.8	CNRL
	00/11-07-092-20W4/0	228	257.5	CNRL
	00/11-08-092-20W4/0	215.5	243.23	CNRL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE GROSMONT A (cont'd)	00/10-18-092-20W4/0	229.5	258.8	CNRL
	00/10-19-092-20W4/0	223	254.3	CNRL
	00/02-20-092-20W4/0	224	246	CNRL
	00/11-22-092-20W4/0	214	243	CNRL
	00/07-28-092-20W4/0	212	245.6	CNRL
	00/06-29-092-20W4/0	214.6	241.9	CNRL
	00/06-31-092-20W4/0	231	262.5	CNRL
	00/05-36-092-20W4/0	252.3	253.3	PERPETUAL
	00/15-01-092-21W4/0	241.2	247.5	CNRL
	00/06-02-092-21W4/0	251.5	260.4	CNRL
	00/07-09-092-21W4/0	270.5	282	CNRL
	00/06-10-092-21W4/0	251	271	CNRL
	00/11-12-092-21W4/0	247	269.1	CNRL
	00/06-13-092-21W4/0	250.5	270.9	CNRL
	00/10-14-092-21W4/0	241.8	263	CNRL
	00/07-15-092-21W4/0	241.8	265.2	CNRL
	00/01-16-092-21W4/0	265.8	282.2	CNRL
	00/07-17-092-21W4/0	260.36	261.35	CNRL
	00/10-20-092-21W4/0	242.2	262	CNRL
	00/10-21-092-21W4/0	249	272.6	CNRL
	00/10-22-092-21W4/0	246.5	265.9	CNRL
	00/07-24-092-21W4/0	226.6	256	CNRL
	00/06-26-092-21W4/0	244.3	279.3	CNRL
	00/05-27-092-21W4/0	238.4	262.3	CNRL
	00/10-32-092-21W4/0	258.5	286.7	CNRL
	00/06-35-092-21W4/0	245	275.8	CNRL
	00/08-25-092-22W4/0	284.5	287.4	TERCERO
	00/16-25-092-22W4/0	305	308.7	TERCERO
	00/16-35-092-22W4/0	309.4	317.5	TERCERO
	00/06-36-092-22W4/0	318	333	TERCERO
	00/06-03-093-20W4/0	237	240.2	CNRL
	00/11-08-093-20W4/0	229	256.3	CNRL
	00/06-29-093-20W4/0	289	314	CNRL
	00/05-31-093-20W4/0	332	363.4	PERPETUAL
	00/06-01-093-21W4/0	233	269	CNRL
	00/02-02-093-21W4/3	241	278.7	CNRL
	00/02-03-093-21W4/0	246.6	277	CNRL
	00/03-04-093-21W4/0	254.5	282.3	CNRL
	00/02-05-093-21W4/0	295	315.4	CNRL
	00/01-06-093-21W4/0	298.5	317.7	CNRL
	00/06-08-093-21W4/0	298.1	323.1	CNRL
	00/06-10-093-21W4/0	253	279.7	CNRL
	00/11-14-093-21W4/0	270.1	295.9	IMPERIAL
	00/11-29-093-21W4/0	340.5	363	MARATHON

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE GROSMONT A (cont'd)	00/16-33-093-21W4/0	359	391.1	AOSC
	00/15-35-093-21W4/0	356.2	390.8	PERPETUAL
	00/01-01-093-22W4/0	310	323.6	TERCERO
	00/15-01-093-22W4/0	314	336.9	BOW VALLEY
	00/08-02-093-22W4/0	325	344.8	TERCERO
	00/16-02-093-22W4/0	342.9	349.2	TERCERO
	00/09-11-093-22W4/0	342	355.6	TERCERO
	00/15-11-093-22W4/0	355	368.1	TERCERO
	00/11-12-093-22W4/0	342	356.6	BOW VALLEY
	00/07-13-093-22W4/0	340.5	358	CNRL
	00/09-14-093-22W4/0	371.8	383.5	TERCERO
	00/15-15-093-22W4/0	390.8	392.6	TERCERO
	00/16-15-093-22W4/0	381.9	392.9	TERCERO
	00/06-23-093-22W4/0	388.3	411.7	CNRL
	00/11-26-093-22W4/0	390	405.8	CNRL
	00/07-28-093-22W4/0	414.5	427.9	CNRL
	00/14-35-093-22W4/0	415.4	429.3	PERPETUAL
	00/11-05-094-20W4/0	332	355.3	DEVON
	00/07-06-094-20W4/0	355	386.5	PERPETUAL
	00/10-07-094-20W4/0	326	360.4	PERPETUAL
	00/04-19-094-20W4/0	372	387.9	DEVON
	00/04-01-094-21W4/0	369.3	392.7	AOSC
	00/10-02-094-21W4/0	368.8	408.3	PERPETUAL
	00/10-03-094-21W4/0	366	400.9	AOSC
	00/11-04-094-21W4/0	378.5	412	AOSC
	02/11-04-094-21W4/0	377.9	410	PERPETUAL
	00/13-05-094-21W4/0	384	409.7	PERPETUAL
	00/15-06-094-21W4/0	356.2	382.2	PERPETUAL
	00/06-08-094-21W4/0	365	393	PERPETUAL
	02/06-08-094-21W4/0	364	392.2	PERPETUAL
	00/07-09-094-21W4/0	372	410.5	PERPETUAL
	00/01-10-094-21W4/0	368	406.7	AOSC
	00/10-10-094-21W4/0	360.8	402.1	PERPETUAL
	02/10-10-094-21W4/0	359	400.8	PERPETUAL
	00/06-11-094-21W4/0	339.5	383.9	PERPETUAL
	00/07-15-094-21W4/0	383	415.6	PERPETUAL
	00/10-17-094-21W4/0	377.3	394.1	AOSC
	00/11-22-094-21W4/0	386	416.4	PERPETUAL
	02/11-22-094-21W4/0	386.6	415.6	PERPETUAL
	00/04-23-094-21W4/0	349.7	387.3	PERPETUAL
	00/11-29-094-21W4/0	469.4	489.5	PERPETUAL
	00/02-34-094-21W4/0	450.5	454.9	PARAMOUNT
	00/10-01-094-22W4/0	403	430.2	PERPETUAL
	00/04-02-094-22W4/0	411	433.8	PERPETUAL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE GROSMONT A (cont'd)	00/05-03-094-22W4/0	393	419	PERPETUAL
	00/07-09-094-22W4/0	418.2	445	CNRL
	00/10-12-094-22W4/0	364.5	390.5	AOSC
	00/07-19-094-22W4/0	462.5	472.7	PERPETUAL
	00/11-21-094-22W4/0	481	491.2	AOSC
	00/11-22-094-22W4/0	466	474.3	AOSC
	00/14-23-094-22W4/0	467	484.2	AOSC
	00/06-25-094-22W4/0	491.5	508.8	AOSC
	02/11-33-094-22W4/0	495	502.3	HERSHEY
	00/07-06-095-21W4/0	504.5	521.2	AOSC
	00/06-07-095-21W4/0	530	542	AOSC
	00/10-08-095-21W4/0	520.3	541.3	AOSC
	00/11-10-095-21W4/0	539	544.8	SUNCOR
	00/07-02-095-22W4/0	507.5	526.6	AOSC
	00/10-15-095-22W4/0	519.1	521.2	PERPETUAL
	00/07-21-095-22W4/0	509.5	516.2	PERPETUAL
	00/07-24-095-22W4/0	530	534	PERPETUAL
LIEGE GROSMONT E	00/07-19-090-19W4/0	244.5	257.0	PERPETUAL
	00/04-30-090-19W4/0	240.4	250.0	PERPETUAL
	00/03-20-090-20W4/0	235.6	240.0	BONAVISTA
	00/11-22-090-20W4/0	254.1	261.0	PERPETUAL
	00/12-23-090-20W4/0	252.0	281.0	PERPETUAL
	00/06-25-090-20W4/0	238.5	255.5	PERPETUAL
	00/03-26-090-20W4/0	243.0	264.0	PARAMOUNT
	00/06-27-090-20W4/0	249.2	258.6	PERPETUAL
	00/10-29-090-20W4/0	225.9	239.0	BONAVISTA
	00/07-32-090-20W4/0	222.5	237.4	BONAVISTA
	00/08-33-090-20W4/0	232.6	245.7	PERPETUAL
	00/14-34-090-20W4/0	231.0	259	PERPETUAL
	00/01-35-090-20W4/0	240.5	259.1	PERPETUAL
	00/04-35-090-20W4/0	245.6	256.6	PERPETUAL
	00/04-36-090-20W4/0	237	254.1	PERPETUAL
	00/04-06-091-19W4/0	235	249	PARAMOUNT
	00/04-07-091-19W4/0	233	248	PERPETUAL
	00/06-01-091-20W4/0	229.8	240.1	AOSC
	00/07-02-091-20W4/2	229.5	242.8	PERPETUAL
	00/11-03-091-20W4/0	225.9	242.6	PERPETUAL
	00/11-07-091-20W4/0	230.3	253	PERPETUAL
	00/13-08-091-20W4/0	235	260	PERPETUAL
	00/12-17-091-20W4/0	230	255	PERPETUAL
	00/06-18-091-20W4/0	229	254.1	PERPETUAL
	00/01-19-091-20W4/0	225.3	258	PERPETUAL
	00/07-20-091-20W4/0	239	243	PERPETUAL
	00/11-12-091-21W4/0	229.8	244	AOSC

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE GROSMONT E (cont'd)	00/16-12-091-21W4/0	233.8	250.8	PERPETUAL
LIEGE GROSMONT G	00/13-13-090-19W4/0	231.0	241.6	AOSC
	00/11-14-090-19W4/0	248.5	261.3	AOSC
	02/11-14-090-19W4/0	251.0	261.0	AOSC
	00/10-21-090-19W4/0	236.9	249.8	AOSC
	00/10-22-090-19W4/0	237.5	245.3	AOSC
	00/06-26-090-19W4/0	230.0	237.5	AOSC
	00/06-27-090-19W4/0	231.6	241.0	PERPETUAL
	00/06-28-090-19W4/0	237.0	244.5	PERPETUAL
	00/06-34-090-19W4/0	235.0	246.8	AOSC
	00/06-35-090-19W4/0	231.5	238.5	AOSC
	00/06-03-091-19W4/0	240.6	250	AOSC
	00/11-10-091-19W4/0	242.7	249	AOSC
	00/10-16-091-19W4/0	251.5	260.5	PERPETUAL
	00/02-22-091-19W4/0	242.8	245.8	AOSC
	02/02-22-091-19W4/0	243.0	243.7	PERPETUAL
LIEGE GROSMONT H	00/10-03-090-20W4/0	252	260.5	BONAVISTA
	00/11-11-090-20W4/0	254.7	273	PARAMOUNT
LIEGE GROSMONT I	00/10-10-092-19W4/0	266.5	270	PERPETUAL
	00/10-16-092-19W4/0	265.8	270	PERPETUAL
LIEGE GROSMONT J	00/02-05-092-19W4/0	251	256.3	PERPETUAL
LIEGE LEDUC A	00/01-07-093-18W4/0	256.3	256.8	AOSC
	00/02-19-093-18W4/0	235.7	260.3	PERPETUAL
	00/14-30-093-18W4/0	238	261.7	AOSC
	00/11-31-093-18W4/0	242	264.8	AOSC
	00/14-03-093-19W4/0	258.3	263.2	AOSC
	00/10-04-093-19W4/0	251.2	263.2	AOSC
	00/07-12-093-19W4/0	251.9	259	PERPETUAL
	00/10-13-093-19W4/0	243.5	258.7	AOSC
	00/11-14-093-19W4/0	243	258.9	PERPETUAL
	00/07-22-093-19W4/0	239	265	PERPETUAL
	00/10-24-093-19W4/0	234.6	260.2	HUSKY
	02/10-24-093-19W4/0	239	260.2	PERPETUAL
	00/10-25-093-19W4/0	238.7	261.6	AOSC
	00/08-27-093-19W4/0	249.3	267.2	AOSC
	00/07-36-093-19W4/0	240	264.2	AOSC
	00/07-05-094-18W4/0	251	265.8	PERPETUAL
	00/07-06-094-18W4/0	252	271.1	PERPETUAL
	00/05-07-094-18W4/0	252	275.9	PERPETUAL
	00/08-09-094-18W4/0	259	270	PERPETUAL
	00/08-16-094-18W4/0	267	281.3	PERPETUAL
	00/11-20-094-18W4/0	269.4	291.9	AOSC
	00/06-21-094-18W4/0	265	283.4	PERPETUAL
	00/05-24-094-18W4/0	278	283.4	PERPETUAL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE LEDUC A (cont'd)	00/07-26-094-18W4/0	295	298.5	AOSC
	00/03-29-094-18W4/0	260.7	284.2	AOSC
	00/11-30-094-18W4/0	315.5	336.3	AOSC
	00/06-32-094-18W4/0	306.7	329.6	PERPETUAL
	00/11-33-094-18W4/0	311.2	332.7	AOSC
	00/09-35-094-18W4/0	292	298.7	AOSC
	00/09-01-094-19W4/0	247.1	270.7	AOSC
	00/09-12-094-19W4/0	252.5	279.4	AOSC
	00/09-13-094-19W4/0	261.6	281.7	AOSC
	00/07-24-094-19W4/0	280	300.8	PERPETUAL
	00/10-03-095-18W4/0	312.7	331.5	PERPETUAL
	00/07-04-095-18W4/0	323.1	342.9	AOSC
	00/07-05-095-18W4/0	341.5	356.2	AOSC
	00/10-08-095-18W4/0	355.3	375.8	PERPETUAL
	00/06-09-095-18W4/0	337.8	342	PERPETUAL
	00/11-11-095-18W4/0	318.4	344.9	PERPETUAL
	00/04-13-095-18W4/0	339.8	354.4	PERPETUAL
	00/11-16-095-18W4/0	346.8	366.6	PERPETUAL
	00/03-28-095-18W4/0	399.6	424.7	PERPETUAL
LIEGE LEDUC B	00/13-09-092-18W4/0	250.8	260.4	CNRL
	00/04-16-092-18W4/0	256	263.3	CNRL
LIEGE MCMURRAY AA	00/05-32-091-17W4/0	218.8	223	CNRL
LIEGE MCMURRAY BB	00/09-10-092-17W4/0	209.2	212.5	AOSC
LIEGE MCMURRAY CC	00/02-29-092-19W4/0	251.2	253	PERPETUAL
LIEGE MCMURRAY DD	00/02-10-093-17W4/0	207.8	210.4	PERPETUAL
LIEGE MCMURRAY EE	02/08-32-091-19W4/2	242.8	245.8	PERPETUAL
LIEGE MCMURRAY F	00/11-23-091-18W4/0	221.8	225.4	CNRL
	00/13-23-091-18W4/2	321.2	820	CNRL
	00/01-27-091-18W4/0	223.2	226.5	CNRL
	00/07-27-091-18W4/2	338	816	CNRL
	00/07-33-091-18W4/0	225.8	230.5	CNRL
	00/07-04-092-18W4/2	227	235	CNRL
	00/11-04-092-18W4/0	230.2	235	CNRL
	02/10-05-092-18W4/0	232.4	235	CNRL
	00/10-08-092-18W4/0	226.5	231.5	CNRL
	00/07-09-092-18W4/0	231.5	236	CNRL
	00/04-16-092-18W4/0	224	231.5	CNRL
	00/05-16-092-18W4/0	225	232.8	CNRL
	00/06-17-092-18W4/0	228.8	230	CNRL
LIEGE MCMURRAY FF	00/12-13-092-17W4/2	279.2	391.7	PERPETUAL
	00/08-14-092-17W4/0	259.9	397	PERPETUAL
LIEGE MCMURRAY H	00/14-32-090-17W4/0	205	206	CNRL
	00/14-03-091-17W4/2	208	212.8	CNRL
	00/14-04-091-17W4/0	212.5	215	CNRL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE MCMURRAY H (cont'd)	00/15-04-091-17W4/0	312	834	CNRL
	00/15-05-091-17W4/2	326	789	CNRL
	00/01-08-091-17W4/0	208.5	212.1	CNRL
	00/02-08-091-17W4/0	318	785	CNRL
	00/10-09-091-17W4/2	207	212	CNRL
	00/06-10-091-17W4/0	269.8	294.2	CNRL
	00/11-10-091-17W4/0	205.9	211.4	CNRL
	00/12-11-091-17W4/0	204	207	CNRL
	00/12-12-091-17W4/0	202.5	203	CNRL
	00/03-15-091-17W4/2	205.6	209.1	CNRL
	00/03-16-091-17W4/2	298.3	719	CNRL
	00/07-16-091-17W4/0	208.6	213	CNRL
	02/01-17-091-17W4/0	209	213.4	CNRL
LIEGE MCMURRAY J	00/11-10-091-17W4/0	213.8	214.7	CNRL
LIEGE MCMURRAY K	00/02-26-091-19W4/0	233.5	236	PERPETUAL
	02/06-35-091-19W4/0	237.5	239.4	PERPETUAL
	00/08-35-091-19W4/0	233.8	235.9	BP
	00/06-01-092-19W4/0	238.3	239.1	AOSC
	00/06-02-092-19W4/0	240.3	241.3	PERPETUAL
	00/10-16-092-19W4/0	242.6	243.8	PERPETUAL
LIEGE MCMURRAY L	00/06-02-092-19W4/0	249.8	253	PERPETUAL
	00/10-10-092-19W4/0	250	251.7	PERPETUAL
LIEGE MCMURRAY M	00/08-22-091-16W4/0	189.1	190	PERPETUAL
	00/08-27-091-16W4/2	186	188	PERPETUAL
	00/05-32-091-16W4/2	264	421	AOSC
	00/06-32-091-16W4/0	194	196	AOSC
	00/07-34-091-16W4/0	180.1	184.5	PERPETUAL
	00/08-04-092-16W4/0	184	187.6	AOSC
	00/03-06-092-16W4/0	273.3	322.6	PERPETUAL
	00/06-06-092-16W4/0	198.4	200.5	AOSC
	00/02-09-092-16W4/0	187.5	191	AOSC
	00/07-09-092-16W4/2	264	516	AOSC
	02/02-16-092-16W4/0	187.2	189	PERPETUAL
	02/02-16-092-16W4/2	223.1	269	PERPETUAL
	00/03-20-092-16W4/0	191	192.6	AOSC
	00/03-20-092-16W4/2	316	422	AOSC
	00/15-01-092-17W4/0	200.2	204	PERPETUAL
	00/16-02-092-17W4/0	204	206	AOSC
LIEGE MCMURRAY N	00/16-15-091-16W4/0	199.6	206.1	PERPETUAL
	00/08-22-091-16W4/0	199	207.4	PERPETUAL
	00/09-22-091-16W4/2	288	541	PERPETUAL
	00/08-27-091-16W4/2	196.8	207	PERPETUAL
	00/07-34-091-16W4/0	192.1	204	PERPETUAL
LIEGE MCMURRAY Q	00/14-21-092-17W4/0	297.9	610	PERPETUAL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE MCMURRAY Q (cont'd)	00/11-28-092-17W4/0	217.6	221.5	PERPETUAL
LIEGE MCMURRAY R	00/03-04-093-17W4/0	216.5	219.3	PERPETUAL
LIEGE MCMURRAY S	02/08-32-091-19W4/2	255.2	257.0	PERPETUAL
LIEGE MCMURRAY T	00/06-23-091-17W4/2	203	205.8	CNRL
LIEGE MCMURRAY U	00/06-06-092-16W4/0	228	229	AOSC
LIEGE MCMURRAY V	00/07-26-094-18W4/0	285	286.8	AOSC
	00/09-35-094-18W4/0	283.5	284.7	AOSC
LIEGE MCMURRAY W	00/11-04-094-18W4/0	245.3	247	AOSC
	00/07-05-094-18W4/0	244	245.8	PERPETUAL
LIEGE NISKU-U IRETON-GSMT A	00/10-35-088-22W4/0	252	264	CNRL
	00/06-26-089-20W4/0	252.5	257.4	BONAVISTA
	00/15-27-089-20W4/0	244.5	258.7	PETROBANK
	00/16-28-089-20W4/0	242	256.2	PETROBANK
	00/16-33-089-20W4/0	245.8	266.5	BONAVISTA
	00/10-34-089-20W4/0	243.3	266.6	BONAVISTA
	00/13-35-089-20W4/0	241.7	252.5	BONAVISTA
	00/14-06-089-21W4/0	248.4	261.6	GUARD
	00/06-07-089-21W4/0	239.3	257.8	GUARD
	00/13-08-089-21W4/0	235	258.2	TRIQUEST
	00/07-10-089-21W4/0	257.1	270.5	BONAVISTA
	00/11-11-089-21W4/0	254	267.7	BONAVISTA
	00/11-14-089-21W4/0	252	263	PETROBAKKEN
	00/10-16-089-21W4/0	244.8	258.5	EXXONMOBIL
	00/05-17-089-21W4/0	230.8	254.1	BONAVISTA
	00/11-18-089-21W4/0	234.9	254.2	BONAVISTA
	00/04-19-089-21W4/0	236.3	254.4	BONAVISTA
	00/06-20-089-21W4/0	219.2	243.4	BONAVISTA
	00/10-20-089-21W4/0	223	248.7	TRIQUEST
	00/11-21-089-21W4/0	221.3	246.3	BONAVISTA
	00/14-21-089-21W4/0	218.2	245.7	HUSKY
	02/14-21-089-21W4/0	218.1	245.4	HUSKY
	00/14-22-089-21W4/0	233	255.5	BONAVISTA
	00/16-23-089-21W4/0	242.6	254.1	BONAVISTA
	00/01-24-089-21W4/0	251.8	260	BONAVISTA
	00/14-24-089-21W4/0	240.3	255.5	BONAVISTA
	00/06-25-089-21W4/0	243.2	260.3	BONAVISTA
	00/14-25-089-21W4/0	248	262	BONAVISTA
	00/11-26-089-21W4/0	243.9	258.2	BONAVISTA
	00/06-27-089-21W4/0	221	245.6	BONAVISTA
	00/06-28-089-21W4/0	217	242.2	BONAVISTA
	00/05-30-089-21W4/0	222.7	243.3	PETROBAKKEN
	00/16-34-089-21W4/0	224	240.1	BONAVISTA
	00/10-35-089-21W4/0	231	246.9	BONAVISTA
	00/06-36-089-21W4/0	246.5	260.1	BONAVISTA

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE NISKU-U IRETON-GSMT A (cont'd)	02/06-36-089-21W4/0	247.5	260.3	BONAVISTA
	00/10-11-089-22W4/0	246.2	260.3	BONAVISTA
	00/09-12-089-22W4/0	243	257	TRIQUEST
	00/10-12-089-22W4/0	236	256.9	TRIQUEST
	00/13-12-089-22W4/0	245	259	BONAVISTA
	00/06-13-089-22W4/0	240.3	259	BONAVISTA
	00/07-14-089-22W4/0	240.8	257	BONAVISTA
	00/15-14-089-22W4/0	235	249.4	GUARD
	00/16-15-089-22W4/0	244	261	GUARD
	00/08-17-089-22W4/0	263	269.8	PERPETUAL
	00/16-22-089-22W4/0	241.5	257.9	BONAVISTA
	02/10-23-089-22W4/0	221.3	246.7	BONAVISTA
	00/03-24-089-22W4/0	228.3	253.7	BONAVISTA
	00/02-25-089-22W4/0	225.7	244.3	BONAVISTA
	00/04-26-089-22W4/0	240	255.9	BONAVISTA
	00/07-26-089-22W4/0	222	245.5	PETROBANK
	00/06-27-089-22W4/0	242.3	257.8	BONAVISTA
	00/07-28-089-22W4/0	247.6	260.4	BONAVISTA
	00/16-32-089-22W4/0	239	252.3	BONAVISTA
	00/07-33-089-22W4/0	246	259.3	BONAVISTA
	00/16-33-089-22W4/0	244.4	258.5	BONAVISTA
	00/06-34-089-22W4/0	245.5	260.9	BONAVISTA
	00/10-35-089-22W4/0	238.3	257.5	BONAVISTA
	00/10-03-090-20W4/0	242.0	251.0	BONAVISTA
	00/11-04-090-20W4/0	247.2	267.3	BONAVISTA
	00/16-05-090-20W4/0	250	268.4	BONAVISTA
	00/07-08-090-20W4/0	245.2	268.3	BONAVISTA
	00/11-09-090-20W4/0	249.6	270.7	BONAVISTA
	00/11-11-090-20W4/0	240.7	252.8	PARAMOUNT
	02/11-11-090-20W4/0	241	252.5	PARAMOUNT
	00/04-14-090-20W4/0	240	251.6	PERPETUAL
	00/10-15-090-20W4/0	244.5	253	PERPETUAL
	00/05-16-090-20W4/0	245.2	263.8	BONAVISTA
	00/10-16-090-20W4/0	247.5	265.8	EXXONMOBIL
	00/10-17-090-20W4/0	236.6	246.8	BONAVISTA
	00/03-20-090-20W4/0	231.3	232.6	BONAVISTA
	00/16-20-090-20W4/0	222	235	PETROBANK
	00/11-22-090-20W4/0	245	251.1	PERPETUAL
	00/06-27-090-20W4/0	238	246.2	PERPETUAL
	00/10-28-090-20W4/0	232.0	236.1	PERPETUAL
	00/10-29-090-20W4/0	222.0	222.9	BONAVISTA
	00/10-02-090-21W4/0	230	246.4	MARATHON
	02/10-02-090-21W4/0	229.6	245.8	CNRL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE NISKU-U IRETON-GSMT A (cont'd)	00/10-08-090-21W4/0	229.5	256.7	CNRL
	00/12-11-090-21W4/0	222	242	CNRL
	00/06-14-090-21W4/0	224	241.5	CNRL
	00/06-15-090-21W4/0	221	251	CNRL
	00/02-16-090-21W4/0	230.3	256.4	CNRL
	00/10-16-090-21W4/0	227.4	258.2	EXXONMOBIL
	00/10-17-090-21W4/0	230.0	257	CNRL
	00/07-20-090-21W4/0	234.0	255	HUSKY
	00/08-21-090-21W4/0	227.4	235	CNRL
	00/10-22-090-21W4/0	219.8	248.9	CNRL
	00/07-26-090-21W4/0	238.7	254.0	CNRL
	00/11-27-090-21W4/0	217.7	221.7	CNRL
	00/09-28-090-21W4/0	222.5	252.5	CNRL
	00/11-32-090-21W4/0	210.0	240.6	CNRL
	00/06-33-090-21W4/0	218.5	250.5	CNRL
	00/07-03-090-22W4/0	246	255.2	BONAVISTA
	00/10-04-090-22W4/0	232	246.9	BONAVISTA
	00/07-09-090-22W4/0	221.5	228	BONAVISTA
	00/07-10-090-22W4/0	233	253.6	BONAVISTA
	00/05-17-090-22W4/0	219.5	236.5	BONAVISTA
	00/11-18-090-22W4/0	239	257.8	BONAVISTA
	00/03-19-090-22W4/0	245	259.5	BONAVISTA
	00/04-20-090-22W4/0	243	254.6	PETROBANK
	00/10-24-090-22W4/0	210	237	CNRL
	00/07-26-090-22W4/0	239.5	260.8	MARATHON
	00/07-28-090-22W4/0	252.2	269.4	CNRL
	00/07-19-090-23W4/0	250.5	258.5	CNRL
	00/11-21-090-23W4/0	249.3	267	CNRL
	00/14-24-090-23W4/0	246.8	257.8	CNRL
	00/07-25-090-23W4/0	249	264.8	HUSKY
	00/02-26-090-23W4/0	247.8	264	CNRL
	00/12-26-090-23W4/0	256.8	259.3	CNRL
	00/09-27-090-23W4/0	256.5	272.9	CNRL
	00/07-34-090-23W4/0	266	277.3	MARATHON
	02/07-34-090-23W4/0	266	279.2	CNRL
	00/07-35-090-23W4/0	263.8	275	HUSKY
	00/12-17-091-20W4/0	228.2	229.8	PERPETUAL
	00/06-18-091-20W4/0	225.8	227.7	PERPETUAL
	00/03-03-091-21W4/0	212.5	237.5	CNRL
	00/11-08-091-21W4/0	225.6	254	CNRL
	00/11-12-091-21W4/0	224	228	AOSC
	00/16-12-091-21W4/0	229	232.5	PERPETUAL
	00/11-13-091-21W4/0	226.8	233.3	PERPETUAL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE NISKU-U IRETON-GSMT A (cont'd)	00/07-14-091-21W4/0	228.5	246	CNRL
	00/11-18-091-21W4/0	257	279.2	CNRL
	00/11-20-091-21W4/0	243	261	MARATHON
	00/11-24-091-21W4/0	232.3	239.8	CNRL
	00/07-26-091-21W4/0	236	242.3	HUSKY
	02/07-26-091-21W4/0	239	245	CNRL
	00/06-29-091-21W4/0	260.8	278.8	CNRL
	00/10-32-091-21W4/0	252	270	CNRL
	00/06-34-091-21W4/0	256.1	263	CNRL
	00/06-36-091-21W4/0	239	245	CNRL
	00/07-01-091-22W4/0	259.1	270	CNRL
	00/11-05-091-22W4/0	282.3	290.7	CNRL
	00/06-07-091-22W4/0	277.8	285	HUSKY
	00/06-08-091-22W4/0	286.5	295.8	HUSKY
	00/11-13-091-22W4/0	259.3	279.9	CNRL
	00/02-17-091-22W4/0	284.6	294.1	HUSKY
	00/06-18-091-22W4/0	279.5	289.9	HUSKY
	00/07-20-091-22W4/0	291.3	298.5	TERCERO
	00/07-26-091-22W4/0	272.5	291.3	CNRL
	00/07-33-091-22W4/0	287.4	305.4	TERCERO
	00/03-36-091-22W4/0	267.7	284	CNRL
	00/07-01-091-23W4/0	271	288.9	HUSKY
	00/07-02-091-23W4/0	282	290.7	CNRL
	00/12-02-091-23W4/0	265.9	272.3	CNRL
	00/11-10-091-23W4/0	280.5	296.7	CNRL
	00/13-11-091-23W4/0	285	298.5	CNRL
	00/04-12-091-23W4/0	269	286.8	HUSKY
	00/07-13-091-23W4/0	264	278	HUSKY
	00/13-15-091-23W4/0	290.2	301.1	CNRL
	00/09-21-091-23W4/0	290.7	300.2	HUSKY
	00/10-22-091-23W4/0	287	301.7	HUSKY
	00/10-24-091-23W4/0	287.5	303.5	TERCERO
	00/07-27-091-23W4/0	298	305.3	HUSKY
	00/10-36-091-23W4/0	296	315	TERCERO
	00/06-02-092-21W4/0	242	248.2	CNRL
	00/12-04-092-21W4/0	267	268.8	CNRL
	00/10-06-092-21W4/0	281	298	CNRL
	00/11-08-092-21W4/0	272.8	274	CNRL
	00/01-16-092-21W4/2	256.5	260.8	CNRL
	00/07-17-092-21W4/0	256	258	CNRL
	00/10-02-092-22W4/0	273.5	301	CNRL
	00/07-05-092-22W4/0	306.5	319.7	TERCERO
	00/10-14-092-22W4/0	291	316	HUSKY

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE NISKU-U IRETON-GSMT A (cont'd)	00/07-16-092-22W4/0	296	319.7	TERCERO
	00/07-17-092-22W4/0	299	319	BOW VALLEY
	00/10-17-092-22W4/0	303	324.6	TERCERO
	00/10-20-092-22W4/0	323.5	345.4	TERCERO
	00/10-21-092-22W4/0	310.3	328.9	TERCERO
	00/01-22-092-22W4/0	314.5	339.1	BOW VALLEY
	00/10-22-092-22W4/0	309.5	331	TERCERO
	00/08-25-092-22W4/0	278	279.5	TERCERO
	00/16-26-092-22W4/0	303	313	TERCERO
	00/12-29-092-22W4/0	329.5	347	TERCERO
	00/10-33-092-22W4/0	345	347.5	TERCERO
	00/06-36-092-22W4/0	309.9	313	TERCERO
	00/10-11-092-23W4/0	321.8	331.1	TERCERO
	00/16-11-092-23W4/0	325	336.2	TERCERO
	00/01-22-092-23W4/0	363.5	375	TERCERO
	00/10-24-092-23W4/0	334	355	TERCERO
	00/02-35-092-23W4/0	362.8	380.5	TERCERO
	00/11-05-093-22W4/0	371	379	PARAMOUNT
	00/07-01-093-23W4/0	367	390.2	BOW VALLEY
LIEGE WABISKAW A	00/11-31-090-17W4/0	179.9	184.0	CNRL
	00/14-32-090-17W4/0	182.7	185.7	CNRL
	00/11-33-090-17W4/0	181.7	182.6	CNRL
	00/05-26-090-18W4/0	183.9	186.0	COSEKA
	00/14-03-091-17W4/2	185.5	189.9	CNRL
	00/14-04-091-17W4/2	188.2	194	CNRL
	00/15-05-091-17W4/3	185.7	193.1	CNRL
	00/02-08-091-17W4/0	185.0	193.4	CNRL
	00/07-09-091-17W4/0	200.2	211.6	CNRL
	00/10-09-091-17W4/3	184.0	190.9	CNRL
	00/06-10-091-17W4/0	205.2	216.7	CNRL
	00/11-10-091-17W4/2	183.3	190	CNRL
	00/12-11-091-17W4/2	182.4	186	CNRL
	00/12-12-091-17W4/0	180.0	183.0	CNRL
	00/03-15-091-17W4/2	182.8	188.6	CNRL
	00/11-15-091-17W4/0	184.2	189	CNRL
	00/03-16-091-17W4/3	185.8	192.2	CNRL
	00/07-16-091-17W4/2	186	192	CNRL
	02/01-17-091-17W4/0	186.0	192.2	CNRL
	00/07-18-091-17W4/0	186.8	191.7	CNRL
	00/08-18-091-17W4/0	185.3	190.4	CNRL
	00/05-20-091-17W4/0	190.9	195.5	CNRL
	00/11-22-091-17W4/0	183.4	187.5	CNRL
	00/06-23-091-17W4/0	182.0	185.0	CNRL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW A (cont'd)	00/14-28-091-17W4/0	190.5	194.3	CNRL
	00/10-29-091-17W4/2	194	198	CNRL
	00/11-30-091-17W4/0	196.1	199.2	CNRL
	00/07-31-091-17W4/2	198.2	201.4	CNRL
	00/05-32-091-17W4/0	196	200	CNRL
	00/06-33-091-17W4/0	194	197.7	CNRL
	00/10-01-091-18W4/0	186	190	CNRL
	00/15-12-091-18W4/0	191	194.3	CNRL
	00/06-13-091-18W4/0	191.4	193.2	CNRL
	00/16-13-091-18W4/0	190.2	192.9	CNRL
	00/07-14-091-18W4/0	193.5	196	IMPERIAL
	00/13-14-091-18W4/0	198.8	201	CNRL
	00/16-22-091-18W4/2	196	200	CNRL
	00/12-23-091-18W4/0	287	677	CNRL
	00/12-24-091-18W4/0	286	668	CNRL
	00/04-25-091-18W4/0	194.0	195.1	CNRL
	00/10-26-091-18W4/0	193.8	197.6	CNRL
	02/10-26-091-18W4/2	194.9	196.5	CNRL
	00/01-27-091-18W4/0	196.1	200.6	CNRL
	00/09-27-091-18W4/0	197.7	202.1	CNRL
	00/08-28-091-18W4/2	200.5	203.9	CNRL
	00/07-33-091-18W4/2	199.8	206.7	CNRL
	00/10-34-091-18W4/0	201.7	206.7	BP
	02/10-34-091-18W4/2	203.5	208	CNRL
	00/16-02-092-17W4/2	187	189.5	AOSC
	00/16-03-092-17W4/0	189	190	AOSC
	00/16-04-092-17W4/0	190.5	192.2	AOSC
	00/13-05-092-17W4/2	199	202	PERPETUAL
	00/14-06-092-17W4/2	206	208	AOSC
	00/03-09-092-17W4/2	194	196.5	PERPETUAL
	00/05-15-092-17W4/0	191.5	193	AOSC
	00/02-23-092-17W4/0	195.2	196.8	PERPETUAL
	00/03-29-092-17W4/0	201.1	203	PERPETUAL
	00/06-03-092-18W4/2	204	209	CNRL
	00/07-04-092-18W4/0	204	210	CNRL
	00/11-04-092-18W4/2	205	210.3	CNRL
	00/10-05-092-18W4/0	207.0	211.0	CNRL
	02/10-05-092-18W4/3	208	213	CNRL
	00/10-08-092-18W4/2	205.8	211.3	CNRL
	00/07-09-092-18W4/2	205.7	211.0	CNRL
	00/06-10-092-18W4/0	203	208.5	CNRL
	02/06-10-092-18W4/0	203.4	208.8	CNRL
	00/07-12-092-18W4/0	204.5	206.1	CNRL
	00/11-15-092-18W4/0	204	205	SUNCOR

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW A (cont'd)	00/04-16-092-18W4/0	204	210	CNRL
	00/05-16-092-18W4/3	205	210.3	CNRL
	00/06-17-092-18W4/0	207.3	212	CNRL
	00/06-20-092-18W4/0	207.5	211	CNRL
	00/06-24-092-18W4/0	205.5	208	CNRL
	00/10-25-092-18W4/0	207.0	210.0	CNRL
	00/06-26-092-18W4/0	205.3	207.4	CNRL
	00/11-34-092-18W4/0	205.3	206.8	CNRL
	00/06-06-093-17W4/0	197.3	203.1	CNRL
	00/06-18-093-17W4/0	207.6	208.9	CNRL
	00/06-01-093-18W4/3	202	210.7	CNRL
	00/11-02-093-18W4/2	205	211.2	CNRL
	00/11-04-093-18W4/0	207.8	210	CNRL
	00/01-07-093-18W4/0	206.2	212.2	AOSC
	00/11-07-093-18W4/0	207.7	210	CNRL
	00/15-08-093-18W4/0	243.7	251.1	CNRL
	00/07-09-093-18W4/2	208.9	212	CNRL
	00/15-09-093-18W4/2	320	676	CNRL
	00/11-10-093-18W4/0	208	212.3	CNRL
	00/06-11-093-18W4/2	206	212	CNRL
	00/04-12-093-18W4/0	201.5	208.8	CNRL
	00/07-12-093-18W4/0	199.5	206	CNRL
	02/04-15-093-18W4/0	209.5	213.5	CNRL
	00/07-16-093-18W4/2	207	213	CNRL
	00/11-17-093-18W4/2	208	214.2	CNRL
	00/16-17-093-18W4/0	210.5	213.7	CNRL
	00/14-18-093-18W4/2	207	214.5	CNRL
	00/02-19-093-18W4/0	208.5	214.8	PERPETUAL
	00/06-19-093-18W4/0	209.3	213.6	CNRL
	00/15-19-093-18W4/0	211.7	213.8	CNRL
	00/07-20-093-18W4/2	212.44	215.2	CNRL
	00/03-30-093-18W4/2	210.2	213.8	CNRL
	00/14-30-093-18W4/0	214	215.2	AOSC
	02/14-30-093-18W4/0	215.5	216	CNRL
	00/07-12-093-19W4/0	207.1	211	PERPETUAL
	00/10-13-093-19W4/0	209	212.6	AOSC
	02/10-13-093-19W4/0	278.96	463	PERPETUAL
	00/11-14-093-19W4/0	208.2	213	PERPETUAL
	00/07-22-093-19W4/2	210.9	215.8	PERPETUAL
	00/11-23-093-19W4/0	208.2	213	PERPETUAL
	00/10-24-093-19W4/0	207.8	212	HUSKY
	02/10-24-093-19W4/0	209.3	213	PERPETUAL
LIEGE WABISKAW AA	00/06-06-094-17W4/0	233.5	238	PERPETUAL
LIEGE WABISKAW BB	02/10-34-091-18W4/0	229.2	232.8	CNRL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW CC	00/06-03-092-18W4/0	230.9	234	CNRL
LIEGE WABISKAW D	00/11-07-091-20W4/0	218	224.4	PERPETUAL
	00/13-08-091-20W4/0	218.5	225	PERPETUAL
	00/12-17-091-20W4/0	219	227	PERPETUAL
	00/06-18-091-20W4/0	217	225.8	PERPETUAL
	00/01-19-091-20W4/0	216.3	221.5	PERPETUAL
	00/07-20-091-20W4/0	223	229	PERPETUAL
	02/07-20-091-20W4/0	301.3	467	PERPETUAL
	00/11-28-091-20W4/0	224.9	228.6	PERPETUAL
	00/05-29-091-20W4/0	220	225.5	PERPETUAL
	00/03-30-091-20W4/0	224.3	228.3	PERPETUAL
	00/01-32-091-20W4/0	311	497	PERPETUAL
	00/06-33-091-20W4/0	282	515	PERPETUAL
	00/11-12-091-21W4/0	214.2	216.2	AOSC
	00/16-12-091-21W4/0	217	220	PERPETUAL
	00/11-13-091-21W4/0	219.5	223.8	PERPETUAL
	00/07-14-091-21W4/0	224.9	227	CNRL
	00/11-24-091-21W4/0	225.9	229.3	CNRL
	00/07-26-091-21W4/0	233.6	236	HUSKY
	02/07-26-091-21W4/0	234	237	CNRL
LIEGE WABISKAW DD	00/02-23-092-17W4/0	204.4	212	PERPETUAL
LIEGE WABISKAW E	02/07-20-090-21W4/0	226.8	234.8	CNRL
LIEGE WABISKAW EE	00/03-29-092-17W4/0	222	229	PERPETUAL
LIEGE WABISKAW H	00/07-14-091-19W4/2	299	431	PERPETUAL
	00/10-14-091-19W4/0	210	213	PERPETUAL
	00/16-15-091-19W4/0	309.0	474.6	AOSC
	00/02-22-091-19W4/0	214.5	216.6	AOSC
	02/02-22-091-19W4/0	213.4	215.3	PERPETUAL
	00/07-22-091-19W4/0	308	521	PERPETUAL
	00/11-23-091-19W4/0	292.5	611	CNRL
	00/04-25-091-19W4/0	210	213	AOSC
	02/05-25-091-19W4/0	354.5	548.0	AOSC
	00/02-26-091-19W4/0	212.5	216.4	PERPETUAL
	00/01-27-091-19W4/0	214.2	217	CNRL
	00/07-27-091-19W4/2	293	552	CNRL
	00/06-35-091-19W4/0	281.3	378.0	PERPETUAL
	02/06-35-091-19W4/0	218	222	PERPETUAL
	00/08-35-091-19W4/0	213.1	214.9	BP
	00/06-01-092-19W4/0	217.5	218.7	AOSC
	00/06-02-092-19W4/0	220.8	223.6	PERPETUAL
	00/06-08-092-19W4/0	226.8	227.7	AOSC
	00/04-09-092-19W4/0	223.9	226	AOSC
	00/10-10-092-19W4/0	222	224	PERPETUAL
	00/10-16-092-19W4/0	222.8	224.3	PERPETUAL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW H (cont'd)	00/11-17-092-19W4/0	302.9	761	CNRL
	00/13-17-092-19W4/0	220	224.5	CNRL
	00/16-18-092-19W4/0	337.6	619	CNRL
	00/08-19-092-19W4/2	315.5	700.7	CNRL
	00/06-20-092-19W4/2	308	739	CNRL
	00/05-28-092-19W4/0	284.2	491.7	PERPETUAL
	00/02-29-092-19W4/0	228.5	235	PERPETUAL
	00/07-29-092-19W4/0	295.7	322.3	PERPETUAL
	00/11-30-092-19W4/0	222	225.5	PERPETUAL
	00/08-31-092-19W4/0	221.5	225.5	PERPETUAL
	00/08-31-092-19W4/2	298.6	306.8	PERPETUAL
	00/05-32-092-19W4/0	300.4	355.7	PERPETUAL
	00/06-33-092-19W4/2	284.5	454	AOSC
	00/11-08-092-20W4/0	210.9	215.4	CNRL
	00/10-18-092-20W4/0	220	229.5	CNRL
	00/10-19-092-20W4/0	214.7	222	CNRL
	00/02-20-092-20W4/2	212	223.5	CNRL
	00/11-22-092-20W4/0	201.5	213.5	CNRL
	00/08-23-092-20W4/0	279.9	294.1	CNRL
	00/04-24-092-20W4/2	213	217	CNRL
	00/13-25-092-20W4/0	216.6	222.3	CNRL
	00/15-26-092-20W4/0	292	712	CNRL
	00/07-28-092-20W4/0	204	211.5	CNRL
	00/06-29-092-20W4/0	205.4	213.4	CNRL
	00/06-31-092-20W4/0	223.8	230.5	CNRL
	00/01-34-092-20W4/0	208	220	CNRL
	00/09-34-092-20W4/2	291	816	CNRL
	00/05-36-092-20W4/0	218.4	224.7	PERPETUAL
	00/06-02-092-21W4/0	239.5	242	CNRL
	00/12-04-092-21W4/0	256.5	258.1	CNRL
	00/11-08-092-21W4/0	261.5	263.3	CNRL
	00/07-09-092-21W4/0	259.5	261.2	CNRL
	00/11-12-092-21W4/0	239.5	244.5	CNRL
	00/06-13-092-21W4/0	240.5	247.5	CNRL
	00/10-14-092-21W4/0	236	241	CNRL
	00/07-15-092-21W4/0	238.2	241	CNRL
	00/07-17-092-21W4/0	246.5	250.3	CNRL
	00/10-20-092-21W4/0	235.5	237	CNRL
	00/10-21-092-21W4/0	246.5	247.8	CNRL
	00/10-22-092-21W4/0	238	241	CNRL
	00/12-23-092-21W4/0	239.6	244.1	CNRL
	00/07-24-092-21W4/0	221.5	226.6	CNRL
	00/11-36-092-21W4/0	229.5	233	CNRL
	00/14-03-093-19W4/0	213.1	215.4	AOSC

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW H (cont'd)	00/10-04-093-19W4/0	212.1	215.2	AOSC
	00/11-06-093-19W4/2	223.5	227	PERPETUAL
	00/03-01-093-20W4/2	316.0	603.7	AOSC
	00/04-01-093-20W4/0	222.0	228.0	AOSC
	00/06-03-093-20W4/0	217	224	CNRL
	00/05-12-093-20W4/0	224.9	231.1	GULF
LIEGE WABISKAW J	00/11-12-091-19W4/0	202.8	206	PERPETUAL
	00/11-12-091-19W4/2	202.5	206.5	PERPETUAL
LIEGE WABISKAW K	00/10-28-093-17W4/0	212.5	216	PERPETUAL
LIEGE WABISKAW L	00/14-24-089-21W4/2	228.3	230	BONAVISTA
LIEGE WABISKAW M	00/06-16-095-17W4/0	262	265	CENOVUS
	00/07-20-095-17W4/0	304	307	PERPETUAL
	00/02-21-095-17W4/0	270	272	CENOVUS
LIEGE WABISKAW N	00/01-22-095-17W4/0	253.7	254.9	CENOVUS
	00/01-23-095-17W4/0	281	282	CENOVUS
LIEGE WABISKAW O	00/11-34-092-18W4/0	223.8	229	CNRL
	00/06-18-093-17W4/0	213.8	217	CNRL
	00/11-19-093-17W4/0	218	222.6	AOSC
	00/12-19-093-17W4/2	282.5	541	AOSC
	00/12-30-093-17W4/0	285.11	522	PERPETUAL
	00/06-01-093-18W4/0	217.8	226	CNRL
	00/11-02-093-18W4/0	222.2	230.8	CNRL
	00/11-04-093-18W4/0	225	229	CNRL
	00/01-07-093-18W4/0	224.8	227.4	AOSC
	00/11-07-093-18W4/0	225.4	228	CNRL
	00/15-08-093-18W4/0	283.2	717	CNRL
	00/07-09-093-18W4/0	224.4	231.8	CNRL
	00/07-09-093-18W4/0	234.8	236.4	CNRL
	02/15-09-093-18W4/0	289.51	790	CNRL
	00/11-10-093-18W4/0	222	229.5	CNRL
	00/11-10-093-18W4/0	232	234	CNRL
00/06-11-093-18W4/0	219.2	228	CNRL	
00/04-12-093-18W4/0	216.4	224	CNRL	
00/07-12-093-18W4/0	212.5	217	CNRL	
00/01-14-093-18W4/0	282.98	791	CNRL	
00/11-14-093-18W4/0	223.8	227	CNRL	
00/03-15-093-18W4/2	319	773	CNRL	
02/04-15-093-18W4/0	223	230.5	CNRL	
02/04-15-093-18W4/0	233.5	236.5	CNRL	
00/07-16-093-18W4/0	222	228.5	CNRL	
00/11-16-093-18W4/0	301.62	1002	CNRL	
00/10-17-093-18W4/0	291.2	810	CNRL	
00/11-17-093-18W4/0	221	226.5	CNRL	
00/16-17-093-18W4/0	221.7	227.2	CNRL	

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW O (cont'd)	00/16-17-093-18W4/0	231	240	CNRL
	00/14-18-093-18W4/0	222	229	CNRL
	00/02-19-093-18W4/0	222	227	PERPETUAL
	00/02-19-093-18W4/0	229	233.5	PERPETUAL
	00/06-19-093-18W4/0	222.5	227.8	CNRL
	00/06-19-093-18W4/0	230	233.2	CNRL
	00/09-19-093-18W4/0	282.8	940	CNRL
	00/15-19-093-18W4/0	222	227.7	CNRL
	00/07-20-093-18W4/2	294.63	783	CNRL
	02/07-20-093-18W4/2	303.9	305	CNRL
	00/10-21-093-18W4/0	223	227.4	PARAMOUNT
	00/10-21-093-18W4/0	231.8	236	PARAMOUNT
	00/11-21-093-18W4/0	225	227.4	CNRL
	00/09-22-093-18W4/0	227.3	229	CNRL
	00/09-22-093-18W4/0	237.5	238.7	CNRL
	00/10-23-093-18W4/0	226	230	AOSC
	00/10-23-093-18W4/0	237	239.3	AOSC
	02/10-23-093-18W4/0	226	229.5	PERPETUAL
	02/10-23-093-18W4/0	237	239	PERPETUAL
	00/11-23-093-18W4/2	303.79	536	AOSC
	00/10-25-093-18W4/2	304.12	492	AOSC
	02/11-25-093-18W4/0	230	235	AOSC
	00/03-27-093-18W4/2	285.44	537	AOSC
	00/04-27-093-18W4/0	226	228.1	AOSC
	00/04-27-093-18W4/0	235.2	240.2	AOSC
	00/01-28-093-18W4/0	318.5	452	AOSC
	02/01-28-093-18W4/0	222	229	PERPETUAL
	02/01-28-093-18W4/0	234	237	PERPETUAL
	00/03-30-093-18W4/2	318	868.2	CNRL
	00/14-30-093-18W4/0	223	229	AOSC
	00/14-30-093-18W4/0	231.5	234.5	AOSC
	02/14-30-093-18W4/0	224	229.8	CNRL
	00/11-31-093-18W4/0	227.7	232.7	AOSC
	00/11-31-093-18W4/0	236.4	239.7	AOSC
	00/12-31-093-18W4/0	228.7	237	CNRL
	00/12-32-093-18W4/0	227.5	235.2	CNRL
	00/12-32-093-18W4/0	237	241	CNRL
	00/02-36-093-18W4/2	295.68	506	AOSC
	00/03-36-093-18W4/0	232	234.8	AOSC
	00/10-13-093-19W4/0	225.5	232	AOSC
	00/10-13-093-19W4/0	232	233.5	AOSC
	00/10-24-093-19W4/0	222	229	HUSKY
	00/10-24-093-19W4/0	229	234.6	HUSKY
	02/10-24-093-19W4/0	224	227	PERPETUAL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW O (cont'd)	02/10-24-093-19W4/0	231	231.8	PERPETUAL
	00/10-25-093-19W4/0	224.8	236	AOSC
	00/07-36-093-19W4/0	228	232.5	AOSC
	00/07-36-093-19W4/0	237.2	240	AOSC
	00/11-08-094-17W4/2	303.55	645	AOSC
	00/13-08-094-17W4/0	240	245.4	AOSC
	00/09-20-094-17W4/2	352.5	540	AOSC
	00/06-21-094-17W4/0	304.5	600	PERPETUAL
	00/12-21-094-17W4/0	233	237	AOSC
	00/05-26-094-17W4/0	234.5	235.4	PERPETUAL
	00/05-29-094-17W4/0	235.2	240	AOSC
	00/05-29-094-17W4/2	325.9	483.7	AOSC
	00/03-31-094-17W4/0	247.4	251.1	PERPETUAL
	00/10-33-094-17W4/0	238.5	242	CENOVUS
	00/11-34-094-17W4/2	309.6	533	CENOVUS
	00/12-34-094-17W4/0	240	244	CENOVUS
	00/10-03-094-18W4/0	232.2	233.9	AOSC
	00/06-04-094-18W4/2	298.7	433	AOSC
	00/11-04-094-18W4/0	233	238.5	AOSC
	00/07-05-094-18W4/0	229	238.5	PERPETUAL
	00/07-05-094-18W4/0	238.5	240.5	PERPETUAL
	00/07-06-094-18W4/0	234.4	240.2	PERPETUAL
	00/07-06-094-18W4/0	243	245	PERPETUAL
	00/05-07-094-18W4/0	239.8	245.5	PERPETUAL
	00/06-08-094-18W4/0	235.5	244.1	AOSC
	00/06-08-094-18W4/0	245	247	AOSC
	00/08-09-094-18W4/0	232.6	233.3	PERPETUAL
	00/08-09-094-18W4/0	234.4	240.6	PERPETUAL
	00/08-09-094-18W4/0	242.8	244.6	PERPETUAL
	00/13-10-094-18W4/0	239.8	247.8	PERPETUAL
	00/13-10-094-18W4/0	249	250	PERPETUAL
	00/13-10-094-18W4/2	295.34	461.8	PERPETUAL
	00/03-15-094-18W4/2	299.03	518	AOSC
	00/08-16-094-18W4/0	244	252	PERPETUAL
	00/08-16-094-18W4/0	253	259	PERPETUAL
	00/01-17-094-18W4/0	240	247.5	PERPETUAL
	00/01-17-094-18W4/0	247.5	253.5	PERPETUAL
	00/09-17-094-18W4/2	312.81	687	PERPETUAL
	00/01-18-094-18W4/0	242.4	251	AOSC
	00/01-18-094-18W4/0	252	255.8	AOSC
	00/08-18-094-18W4/2	323	460	AOSC
	00/09-18-094-18W4/3	303.4	700	AOSC
	00/01-19-094-18W4/0	243	250.5	AOSC
	00/01-19-094-18W4/0	250.5	253.5	AOSC

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW O (cont'd)	00/08-19-094-18W4/2	312.04	610	AOSC
	00/11-20-094-18W4/0	256	262.5	AOSC
	00/11-20-094-18W4/0	263	269	AOSC
	00/06-21-094-18W4/0	246.6	253.2	PERPETUAL
	00/06-21-094-18W4/0	254	264.5	PERPETUAL
	00/01-22-094-18W4/0	257	263.7	PERPETUAL
	00/01-22-094-18W4/0	264.3	267.1	PERPETUAL
	00/01-22-094-18W4/2	323.4	526	PERPETUAL
	00/04-23-094-18W4/0	315.4	531	PERPETUAL
	00/05-24-094-18W4/2	249	252	PERPETUAL
	00/07-26-094-18W4/0	265.5	268	AOSC
	00/13-27-094-18W4/0	249.5	264	AOSC
	00/14-27-094-18W4/2	338.5	565	AOSC
	00/16-28-094-18W4/0	319.8	470	PERPETUAL
	00/03-29-094-18W4/0	248.3	253	AOSC
	00/03-29-094-18W4/0	254	258.8	AOSC
	00/11-30-094-18W4/0	305	307.3	AOSC
	00/11-30-094-18W4/0	310	310.9	AOSC
	00/06-32-094-18W4/0	297	300.5	PERPETUAL
	00/06-32-094-18W4/0	304	306.7	PERPETUAL
	00/11-33-094-18W4/0	297	304.2	AOSC
	00/11-33-094-18W4/0	304.2	310	AOSC
	00/09-35-094-18W4/0	264.9	267.2	AOSC
	00/09-01-094-19W4/0	234.6	240	AOSC
	00/09-01-094-19W4/0	243.1	247.1	AOSC
	00/09-12-094-19W4/0	244	247	AOSC
	00/09-12-094-19W4/0	249	251	AOSC
	00/09-13-094-19W4/0	249	251.5	AOSC
	00/09-13-094-19W4/0	257	259	AOSC
	00/07-24-094-19W4/0	268	271.1	PERPETUAL
	00/07-24-094-19W4/0	276	279.6	PERPETUAL
	00/14-02-095-17W4/0	254	255	CENOVUS
	00/14-04-095-17W4/0	267.2	267.7	CENOVUS
	00/14-04-095-17W4/0	269.3	275.8	CENOVUS
	00/04-05-095-17W4/0	262	264	PERPETUAL
	00/15-07-095-17W4/0	323.9	601	PERPETUAL
	00/16-07-095-17W4/0	257	263	PERPETUAL
	00/09-09-095-17W4/0	266.2	267	CENOVUS
	00/09-09-095-17W4/0	268.5	272	CENOVUS
	00/05-10-095-17W4/0	275.5	277.5	CENOVUS
	00/05-10-095-17W4/0	277.5	280.5	CENOVUS
	00/13-11-095-17W4/0	286	288	CENOVUS
	06/07-13-095-17W4/0	273	276	CENOVUS
	00/14-14-095-17W4/0	265.6	269.9	CENOVUS

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW O (cont'd)	00/15-15-095-17W4/2	329.46	555	CENOVUS
	00/06-16-095-17W4/0	254.8	258	CENOVUS
	00/06-16-095-17W4/2	335	542	CENOVUS
	00/01-17-095-17W4/0	327.57	558	PERPETUAL
	00/07-20-095-17W4/0	297.8	304	PERPETUAL
	00/02-21-095-17W4/0	263	263.5	CENOVUS
	00/02-21-095-17W4/0	265	269	CENOVUS
	00/01-22-095-17W4/0	256.4	258.5	CENOVUS
	00/01-23-095-17W4/0	282.8	284.4	CENOVUS
	00/10-24-095-17W4/0	292.2	295	CENOVUS
	00/04-29-095-17W4/0	439.61	755	PERPETUAL
	00/01-30-095-17W4/0	370.4	371	AOSC
	00/01-30-095-17W4/0	371.4	374.6	AOSC
	00/02-30-095-17W4/0	438.34	672	PERPETUAL
	00/10-03-095-18W4/0	297.2	302	PERPETUAL
	00/10-03-095-18W4/0	302.7	311.8	PERPETUAL
	00/07-04-095-18W4/0	310.5	315.4	AOSC
	00/07-04-095-18W4/0	315.4	321.5	AOSC
	00/07-05-095-18W4/0	333	340.8	AOSC
	00/10-08-095-18W4/0	347	350	PERPETUAL
	00/10-08-095-18W4/0	351	355.3	PERPETUAL
	00/06-09-095-18W4/0	327.3	333.5	PERPETUAL
	00/06-09-095-18W4/0	333.5	336.8	PERPETUAL
	00/11-11-095-18W4/0	310.5	314.4	PERPETUAL
	00/11-11-095-18W4/0	315.4	318.4	PERPETUAL
	00/06-12-095-18W4/0	349.98	622	PERPETUAL
	00/11-12-095-18W4/0	282.5	288	AOSC
	00/11-12-095-18W4/0	288	292	AOSC
	00/04-13-095-18W4/0	317.7	321.4	PERPETUAL
	00/04-13-095-18W4/0	321.8	330.2	PERPETUAL
	00/03-14-095-18W4/0	333	337.5	AOSC
	00/06-14-095-18W4/2	337.5	344	AOSC
	00/11-16-095-18W4/0	336	339.5	PERPETUAL
	00/11-16-095-18W4/0	340.5	346.8	PERPETUAL
	00/10-25-095-18W4/0	373.4	373.8	PERPETUAL
	00/10-25-095-18W4/0	374.5	378.7	PERPETUAL
	00/10-25-095-18W4/0	379.5	384.9	PERPETUAL
	00/06-27-095-18W4/0	430	432.3	AOSC
	00/03-28-095-18W4/0	393	398.5	PERPETUAL
	00/10-34-095-18W4/0	455	462	PERPETUAL
	00/10-02-096-18W4/0	389.5	393	PERPETUAL
	00/11-12-096-18W4/0	435.2	439	AOSC
LIEGE WABISKAW P	06/07-13-095-17W4/0	270.3	271	CENOVUS
	00/14-14-095-17W4/0	264	264.8	CENOVUS

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
LIEGE WABISKAW P (cont'd)	00/10-24-095-17W4/0	290.5	291	CENOVUS
LIEGE WABISKAW Q	00/06-01-093-18W4/0	228	233.5	CNRL
	00/04-12-093-18W4/0	225.8	232	CNRL
LIEGE WABISKAW R	00/16-07-095-17W4/0	254	256	PERPETUAL
	00/13-08-095-17W4/2	334.7	579	PERPETUAL
LIEGE WABISKAW S	00/10-02-096-18W4/0	387	387.8	PERPETUAL
LIEGE WABISKAW T	00/10-20-093-17W4/2	209.2	210.8	AOSC
LIEGE WABISKAW U	00/10-22-090-21W4/0	214.2	215.5	CNRL
LIEGE WABISKAW V	00/10-22-090-21W4/0	216.5	218.8	CNRL
LIEGE WABISKAW X	02/13-21-092-17W4/0	201.5	203.0	AOSC
LIEGE WABISKAW Y	00/11-31-093-17W4/0	231.5	233.0	PERPETUAL
LIEGE WABISKAW Z	00/06-04-094-17W4/2	227.2	228	AOSC
LIEGE UNDEFINED (033)	00/14-03-093-19W4/0	247.3	248.2	AOSC
LIEGE UNDEFINED (036)	00/09-28-090-21W4/0	217.2	222.2	CNRL
LIEGE UNDEFINED (040)	00/11-28-092-17W4/0	199.3	200.5	PERPETUAL
LIEGE UNDEFINED (051)	00/11-09-096-17W4/0	455	456	AOSC
LIEGE UNDEFINED (053)	00/14-02-095-17W4/0	251.7	252.4	CENOVUS
LIEGE UNDEFINED (058)	00/13-05-092-17W4/0	223	224	PERPETUAL
	00/13-05-092-17W4/0	229.6	231	PERPETUAL
	00/14-06-092-17W4/0	231	234	AOSC
	00/03-09-092-17W4/0	217.2	221	PERPETUAL
LIEGE UNDEFINED (059)	00/11-09-096-17W4/0	453.2	453.9	AOSC
LIEGE UNDEFINED (061)	00/11-12-096-18W4/0	432.3	433.4	AOSC
LIEGE UNDEFINED (062)	00/12-34-094-17W4/0	237.1	239.2	CENOVUS
LIEGE UNDEFINED (063)	00/10-03-094-18W4/0	230	232.1	AOSC
	00/11-04-094-18W4/0	230.4	232.1	AOSC
LIEGE UNDEFINED (066)	00/04-36-091-17W4/0	200	204.2	CNRL
LIEGE UNDEFINED (076)	00/10-21-093-18W4/0	240.5	243.8	PARAMOUNT
	00/11-21-093-18W4/0	241.7	242.6	CNRL
LIEGE UNDEFINED (079)	00/12-13-092-17W4/0	201.5	206.4	PERPETUAL
LIEGE UNDEFINED (081)	02/13-21-092-17W4/0	234.5	235.5	AOSC
Not designated	00/15-34-088-22W4/0	253.5	256.5	CENOVUS
Not designated	00/10-30-089-19W4/0	255	282	TAQA NORTH
Not designated	00/06-31-089-19W4/0	254	260	AOSC
Not designated	00/06-25-089-21W4/0	230.5	233	BONAVISTA
Not designated	00/14-25-089-21W4/0	235	236	BONAVISTA
Not designated	00/04-28-089-20W4/0	262	263	BONAVISTA
Not designated	00/06-19-090-18W4/0	238	261	HUSKY
Not designated	00/14-28-090-18W4/0	192.2	192.7	CNRL
Not designated	00/10-03-090-19W4/0	249	253	AOSC
Not designated	00/11-07-090-19W4/0	257	261	PERPETUAL
Not designated	00/15-02-090-20W4/0	241	243	PARAMOUNT
Not designated	00/11-22-090-20W4/0	233.5	234.2	PERPETUAL
Not designated	00/06-25-090-20W4/0	231.0	232.0	PERPETUAL

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
Not designated	00/06-27-090-20W4/0	230.5	231.0	PERPETUAL
Not designated	00/14-34-090-20W4/0	223.2	223.9	PERPETUAL
Not designated	00/10-08-090-21W4/0	326.0	332.0	CNRL
Not designated	00/10-17-090-21W4/0	226.0	228.0	CNRL
Not designated	00/11-27-090-21W4/0	211.3	217.0	CNRL
Not designated	00/06-33-090-21W4/0	215.5	218.5	CNRL
Not designated	00/05-18-090-22W4/0	237	364	SHELL
Not designated	00/11-07-090-23W4/0	270	272	HUSKY
Not designated	00/06-32-091-16W4/0	198.7	204.6	AOSC
Not designated	00/07-09-091-17W4/0	393.2	804.5	CNRL
Not designated	00/06-10-091-17W4/0	304	773	CNRL
Not designated	00/12-12-091-17W4/0	210.1	210.9	CNRL
Not designated	00/03-15-091-17W4/0	210	211.5	CNRL
Not designated	00/05-20-091-17W4/0	225.1	225.9	CNRL
Not designated	00/11-22-091-17W4/0	214.5	215.2	CNRL
Not designated	00/06-23-091-17W4/0	211.8	212.3	CNRL
Not designated	00/10-29-091-17W4/0	219.7	220.5	CNRL
Not designated	00/07-31-091-17W4/0	221	225.7	CNRL
Not designated	00/05-32-091-17W4/0	228.1	229.6	CNRL
Not designated	00/03-34-091-17W4/0	187.1	190.5	CNRL
Not designated	00/04-36-091-17W4/0	181.7	184.3	CNRL
Not designated	00/04-36-091-17W4/0	209.5	210	CNRL
Not designated	00/10-01-091-18W4/0	208.3	212.1	CNRL
Not designated	00/10-01-091-18W4/0	217.3	218.2	CNRL
Not designated	02/10-26-091-18W4/0	222	224	CNRL
Not designated	00/07-27-091-18W4/2	288.9	338	CNRL
Not designated	00/08-28-091-18W4/0	225.8	226.8	CNRL
Not designated	00/04-06-091-19W4/0	227.4	227.9	PARAMOUNT
Not designated	00/04-07-091-19W4/0	225	226.5	PERPETUAL
Not designated	00/13-11-091-19W4/0	219.4	221.2	AOSC
Not designated	00/11-12-091-19W4/2	232	243	PERPETUAL
Not designated	00/04-13-091-19W4/0	203.4	206.4	MIDWAY
Not designated	00/10-16-091-19W4/2	218.5	219.5	PERPETUAL
Not designated	00/10-16-091-19W4/2	237.0	237.8	PERPETUAL
Not designated	00/02-26-091-19W4/0	240.8	241.2	PERPETUAL
Not designated	02/01-27-091-19W4/0	302.5	359.6	CNRL
Not designated	02/01-27-091-19W4/2	243.7	247.1	CNRL
Not designated	00/13-28-091-19W4/2	248.3	248.7	PERPETUAL
Not designated	00/13-28-091-19W4/2	262.7	269.5	PERPETUAL
Not designated	02/08-32-091-19W4/2	229.5	231	PERPETUAL
Not designated	02/08-32-091-19W4/2	247.2	249.1	PERPETUAL
Not designated	02/06-35-091-19W4/0	239.0	242.0	PERPETUAL
Not designated	02/06-35-091-19W4/0	245.0	249.7	PERPETUAL
Not designated	00/06-01-091-20W4/0	221.6	222.1	AOSC

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
Not designated	00/07-02-091-20W4/2	221.0	222.0	PERPETUAL
Not designated	00/10-07-091-20W4/0	336.3	491.0	PERPETUAL
Not designated	00/13-32-091-20W4/0	222.3	224.8	PARAMOUNT
Not designated	00/10-01-091-21W4/0	226.0	244.0	CNRL
Not designated	00/10-01-091-21W4/0	247.0	250.0	CNRL
Not designated	00/06-34-091-21W4/0	246.4	249.0	CNRL
Not designated	00/06-36-091-21W4/0	235	237.8	CNRL
Not designated	00/16-03-091-23W4/0	237.8	316.3	SHELL
Not designated	00/11-33-091-23W4/0	310.5	324.5	MARATHON
Not designated	00/16-03-092-16W4/0	194.4	195	AOSC
Not designated	00/08-04-092-16W4/0	200.2	201.7	AOSC
Not designated	00/02-09-092-16W4/0	201.7	202.3	AOSC
Not designated	00/15-01-092-17W4/0	209.1	210	PERPETUAL
Not designated	00/09-10-092-17W4/0	189	190.4	AOSC
Not designated	00/09-10-092-17W4/0	229	230.5	AOSC
Not designated	02/09-10-092-17W4/0	253	388	AOSC
Not designated	00/12-13-092-17W4/0	206.4	207.2	PERPETUAL
Not designated	00/06-16-092-17W4/0	198.2	199.8	AOSC
Not designated	00/06-16-092-17W4/0	220	221	AOSC
Not designated	00/14-19-092-17W4/0	208.4	209.4	AOSC
Not designated	00/14-19-092-17W4/0	231.5	236.6	AOSC
Not designated	00/04-26-092-17W4/0	204	205	AOSC
Not designated	00/04-26-092-17W4/0	216	218	AOSC
Not designated	00/07-30-092-17W4/0	206.6	208.8	AOSC
Not designated	00/07-30-092-17W4/0	229	230.2	AOSC
Not designated	00/13-09-092-18W4/0	204.7	211.6	CNRL
Not designated	00/13-09-092-18W4/0	227.8	232	CNRL
Not designated	02/06-10-092-18W4/0	230.8	235	CNRL
Not designated	00/06-01-092-19W4/0	268.2	270	AOSC
Not designated	00/06-02-092-19W4/0	267	293	PERPETUAL
Not designated	00/07-03-092-19W4/0	232.5	233.2	AOSC
Not designated	00/07-03-092-19W4/0	251.7	252	AOSC
Not designated	00/07-03-092-19W4/0	261.3	261.6	AOSC
Not designated	00/07-03-092-19W4/0	269	270	AOSC
Not designated	00/02-05-092-19W4/0	224	226.5	PERPETUAL
Not designated	00/02-05-092-19W4/0	236	236.9	PERPETUAL
Not designated	00/02-05-092-19W4/0	242	244.9	PERPETUAL
Not designated	00/06-08-092-19W4/0	243.8	244.9	AOSC
Not designated	00/06-08-092-19W4/0	253	254.8	AOSC
Not designated	00/06-08-092-19W4/0	287	292	AOSC
Not designated	00/04-09-092-19W4/0	253.5	287.0	AOSC
Not designated	00/10-10-092-19W4/0	259.3	260.4	PERPETUAL
Not designated	00/04-11-092-19W4/0	263.6	294	AOSC
Not designated	00/05-17-092-19W4/0	221.2	224.9	AOSC

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
Not designated	00/05-17-092-19W4/0	240.4	242	AOSC
Not designated	00/12-18-092-19W4/0	219.3	221.2	CNRL
Not designated	00/12-18-092-19W4/0	245.5	246.7	CNRL
Not designated	00/03-27-092-19W4/2	216.9	218.1	AOSC
Not designated	00/03-27-092-19W4/2	319	375.5	AOSC
Not designated	00/02-29-092-19W4/0	261.2	267	PERPETUAL
Not designated	00/07-29-092-19W4/0	343.3	502	PERPETUAL
Not designated	00/11-07-092-20W4/0	222.3	228	CNRL
Not designated	00/12-11-092-20W4/0	214.2	215.5	MARATHON
Not designated	00/08-23-092-20W4/0	660.9	869.3	CNRL
Not designated	00/04-24-092-20W4/0	241.3	245.4	CNRL
Not designated	00/13-25-092-20W4/0	233.9	240	CNRL
Not designated	00/15-01-092-21W4/0	231.3	235.1	CNRL
Not designated	00/11-08-092-21W4/0	278	288	CNRL
Not designated	00/01-16-092-21W4/0	371	377	CNRL
Not designated	00/11-28-092-22W4/0	336.2	340.9	TERCERO
Not designated	00/13-36-092-22W4/0	302	311.8	BOW VALLEY
Not designated	00/07-21-092-23W4/0	345	364	DEVON
Not designated	00/02-03-093-17W4/0	214	215	AOSC
Not designated	00/03-12-093-17W4/0	198	203	AOSC
Not designated	00/10-20-093-17W4/0	213.4	214.5	AOSC
Not designated	00/10-20-093-17W4/0	218	219	AOSC
Not designated	00/11-31-093-17W4/0	236.2	238.4	PERPETUAL
Not designated	00/11-31-093-17W4/0	243.2	244.9	PERPETUAL
Not designated	00/06-11-093-18W4/0	231.1	233.3	CNRL
Not designated	00/07-15-093-18W4/0	222.3	231	CNRL
Not designated	00/07-15-093-18W4/0	233.7	235.7	CNRL
Not designated	00/07-15-093-18W4/0	242.7	244.5	CNRL
Not designated	00/07-16-093-18W4/0	228.6	232.9	CNRL
Not designated	00/11-17-093-18W4/0	228.9	232.9	CNRL
Not designated	00/15-19-093-18W4/0	230.1	234	CNRL
Not designated	00/11-20-093-18W4/0	212.2	213.6	CNRL
Not designated	00/11-20-093-18W4/0	224.1	228.2	CNRL
Not designated	00/11-06-093-19W4/2	258	301	PERPETUAL
Not designated	00/15-07-093-19W4/0	224	226	PERPETUAL
Not designated	00/05-17-093-19W4/0	221	223	CNRL
Not designated	00/01-18-093-19W4/0	221.7	223.7	CNRL
Not designated	00/01-02-093-20W4/0	325.2	575.8	PERPETUAL
Not designated	00/09-10-093-20W4/0	221.6	226.3	CNRL
Not designated	00/02-14-093-20W4/0	235.0	242.2	CNRL
Not designated	00/11-14-093-21W4/0	266.5	270.0	IMPERIAL
Not designated	00/15-15-093-22W4/0	383.2	385.5	TERCERO
Not designated	00/06-04-094-17W4/0	229.9	231	AOSC
Not designated	00/12-11-094-17W4/0	231.8	233.2	AOSC

Pool Name	Well ID	Pay Top Depth (TVD)	Pay Base Depth (TVD)	Licensee
Not designated	00/12-12-094-18W4/2	235.5	237.5	AOSC
Not designated	00/12-12-094-18W4/2	242.6	245.5	AOSC
Not designated	00/06-26-095-17W4/0	272.5	275.4	CENOVUS
Not designated	00/06-35-095-17W4/0	324.2	326.2	CENOVUS
Not designated	00/06-14-095-18W4/2	418.2	608	AOSC