

MINISTER'S ORDER

MRO 001/16

Under *The Crown Minerals Act*

DEEPER RIGHTS REVERSION – RIGHTS CONTINUED BY PRODUCTION

Pursuant to section 16.1 of *The Crown Minerals Act*, Minister's Order 549/12 dated July 6, 2012, is rescinded and the petroleum and natural gas rights to be continued by oil and natural gas production from Crown leases are established, as provided for in the following schedule and subject to the following provisions:

1. The effective date shall be March 14, 2016.
2. Where the continuance level named in the attached schedule is stratigraphically deeper than the deepest zone granted in a lease, the wording of the lease shall prevail.
3. For the purposes of this order, the deepest commingled zone in a commingled well shall be deemed to be the producing zone.

Dated at Regina, Saskatchewan, March 16, 2016.

  
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Hal Sanders, Assistant Deputy Minister  
Minerals, Lands and Resource Policy  
Saskatchewan Ministry of the Economy

## Schedule

### Southeastern Saskatchewan - Estevan

Lands lying West of the First Meridian:

Townships 1 North to the Precambrian Shield:           all ranges; and

Lands lying West of the Second Meridian:

Townships 1 North to the Precambrian Shield inclusive:           all ranges.

### Pool Stratigraphic Unit

Gull Lake  
Glacial Drift  
Ravenscrag Formation  
Bearpaw Formation  
Belly River Group  
Lea Park Formation  
Milk River Formation  
Colorado Group  
Upper Colorado Group  
First White Speckled Shale  
Second White Speckled Shale (Belle Fourche Formation)  
Lower Colorado Group  
Fish Scale Zone  
Viking Formation  
Mannville Group  
Upper Mannville Group  
Wapella Sand  
Jurassic  
Red Jacket Formation  
Shaunavon Formation  
Upper Shaunavon Member  
Gravelbourg Formation  
Watrous Formation  
Lower Watrous Member  
Viewfield Rim  
Madison Group  
Poplar Beds  
Ratcliffe Beds  
Midale Beds  
Frobisher Beds  
Frobisher-Alida Beds  
Kisbey Sandstone  
Alida Beds  
Tilston Beds  
Lodgepole Formation

### Continuance Level

Base of Glacial Drift  
Base of Glacial Drift  
Base of Tertiary System  
Base of Bearpaw Formation  
Top of Milk River Formation  
Top of Milk River Formation  
Top of Second White Speckled Shale  
Base of Colorado Group  
Top of Watrous Formation  
Base of Shaunavon Formation  
Base of Shaunavon Formation  
Top of Watrous Formation  
Base of Watrous Formation  
Base of Watrous Formation  
Base of Frobisher-Alida Beds  
Base of Madison Group  
Base of Poplar Beds  
Base of Ratcliffe Beds  
Base of Midale Beds  
Base of Frobisher-Alida Beds  
Base of Frobisher-Alida Beds  
Base of Frobisher-Alida Beds  
Base of Tilston Beds  
Base of Souris Valley Beds  
Base of Souris Valley Beds

**Southeastern Saskatchewan – Estevan (Continued)**

**Pool Stratigraphic Unit**

Souris Valley Beds  
Bakken Formation  
Torquay Formation  
Devonian  
Birdbear Formation  
Duperow Formation  
Souris River Formation  
Dawson Bay Formation  
Prairie Evaporite  
Winnipegosis Formation  
Interlake Group  
Stonewall Formation  
Stony Mountain Formation  
Red River Formation  
Yeoman Member  
Winnipeg Formation  
Deadwood Formation  
Cambrian  
Earlie Formation

**Continuance Level**

Base of Souris Valley Beds  
Base of Three Forks Group  
Base of Three Forks Group  
Base of Devonian System  
Base of Birdbear Formation  
Base of Duperow Formation  
Base of Souris River Formation  
Base of Dawson Bay Formation  
Base of Prairie Evaporite  
Base of Winnipegosis Formation  
Base of Interlake Group  
Base of Stonewall Formation  
Base of Stony Mountain Formation  
Base of Red River Formation  
Base of Red River Formation  
Base of Winnipeg Formation  
Top of Precambrian  
Top of Precambrian  
Base of Earlie Formation

## **Southwestern Saskatchewan – Swift Current**

Lands lying West of the Third Meridian

Townships 1 to 21 inclusive: all ranges

### **Pool Stratigraphic Unit**

Gull Lake  
Glacial Drift  
Ravenscrag Formation  
Cretaceous  
Eastend Formation  
Bearpaw Formation  
Matador Member  
Belly River Group  
Lea Park Formation  
Ribstone Creek Member  
Milk River Formation  
Colorado Group  
Upper Colorado Group  
First White Speckled Shale  
Medicine Hat Sand  
Second White Speckled Shale (Belle Fourche Formation)  
Lower Colorado Group  
Fish Scale Zone  
Viking Formation  
Spinney Hill Member  
Upper Mannville Group (Pense Formation)  
Mannville Group  
Cantuar Formation  
Success Formation  
Basal Mannville Group  
Premier Sand  
Rosera Formation  
Upper Rosera Formation  
Lower Rosera Formation  
Shaunavon Formation  
Upper Shaunavon Member  
Lower Shaunavon Member  
Gravelbourg Formation  
Mississippian  
Madison Group  
Souris Valley Beds  
Bakken Formation  
Big Valley Formation  
Devonian  
Torquay Formation  
Birdbear Formation  
Duperow Formation

### **Continuance Level**

Base of Glacial Drift  
Base of Glacial Drift  
Base of Tertiary System  
Top of Milk River Formation  
Top of Bearpaw Formation  
Top of Milk River Formation  
Top of Second White Speckled Shale  
Base of Colorado Group  
Top of Fish Scale Zone  
Base of Colorado Group  
Top of Second White Speckled Shale  
Top of Fish Scale Zone  
Base of Colorado Group  
Top of Viking Formation  
Base of Colorado Group  
Base of Colorado Group  
Base of Vanguard Group  
Base of Shaunavon Formation  
Base of Shaunavon Formation  
Base of Shaunavon Formation  
Base of Gravelbourg Formation  
Base of Bakken Formation  
Base of Madison Group  
Base of Souris Valley Beds  
Base of Bakken Formation  
Top of Precambrian  
Top of Precambrian  
Top of Precambrian  
Top of Precambrian  
Top of Precambrian

**Southwestern Saskatchewan – Swift Current (Continued)**

**Pool Stratigraphic Unit**

Prairie Evaporite  
Winnipegosis Formation  
Stony Mountain Formation  
Deadwood Formation  
Earlie Formation

**Continuance Level**

Top of Precambrian  
Top of Precambrian  
Top of Precambrian  
Top of Precambrian  
Top of Precambrian



**West-Central Saskatchewan (Continued)**

**Pool Stratigraphic Unit**

Deadwood Formation  
Cambrian  
Earlie Formation

**Continuance Level**

Top of Precambrian  
Top of Precambrian  
Top of Precambrian

