#### OF THE STATE OF NORTH DAKOTA

CASE NO. 20793 ORDER NO. 23099

IN THE MATTER OF A HEARING CALLED ON A MOTION OF THE COMMISSION TO CONSIDER THE APPLICATION OF SAMSON RESOURCES CO. FOR AN ORDER AMENDING THE FIELD RULES FOR THE AMBROSE-BAKKEN POOL TO CREATE AND ESTABLISH AN OVERLAPPING 1280-ACRE SPACING UNIT COMPRISED OF SECTIONS 27 AND 34, T.163N., R.99W., DIVIDE COUNTY, ND, AUTHORIZING THE DRILLING OF A TOTAL NOT TO EXCEED SEVEN WELLS ON SAID OVERLAPPING 1280-ACRE SPACING UNIT, AND SUCH OTHER RELIEF AS IS APPROPRIATE.

#### ORDER OF THE COMMISSION

#### THE COMMISSION FINDS:

- (1) This cause came on for hearing at 9:00 a.m. on the 29th day of August, 2013.
- (2) The witnesses for Samson Resources Company (Samson) provided telephonic testimony in this matter pursuant to North Dakota Administrative Code (NDAC) Section 43-02-03-88.2. Telephonic Communication Affidavits were received on September 3, 2013; therefore, such testimony may be considered evidence.
- (3) Samson made application to the Commission for an order amending the field rules for the Ambrose-Bakken Pool to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, Township 163 North, Range 99 West, Divide County, North Dakota (Sections 27 and 34), authorizing the drilling of a total not to exceed seven wells on said overlapping 1280-acre spacing unit, and such other relief as is appropriate.
- (4) Order No. 22099 entered in Case No. 19792, the most recent spacing order for the Ambrose-Bakken Pool, established proper spacing for the development of Zone I at one horizontal well per 640 acres, Zone II at up to three horizontal wells per 640 acres, Zone III at one horizontal well per 800 acres, Zone IV at up to seven horizontal wells per 800 acres, Zones V and VI at one horizontal well per 1280 acres, Zone VIII at up to seven horizontal wells per 1280 acres, Zone VIII at a minimum of four horizontal wells, up to twelve horizontal wells, per 2080 acres, Zone IX at one horizontal well per 2560 acres, and Zone X at up to thirteen horizontal wells per 2560 acres.
- (5) Section 27; and Section 34 are currently 640-acre spacing units in Zone I in the Ambrose-Bakken Pool.

- (6) The Samson #27-163-99H Vassen well (File No. 18255) is a horizontal well completed in the upper Three Forks Formation in the 640-acre spacing unit described as Section 27 from a surface location 250 feet from the south line and 300 feet from the east line to a bottom hole location in the NW/4 NW/4. The Baytex Energy USA Limited #1DQ Geralyn Marie 34-163-99H well (File No. 20569) is a horizontal well completed in the upper Three Forks Formation in the 640-acre spacing unit described as Section 34 from a surface location 341 feet from the north line and 400 feet from the west line to a bottom hole location in the SE/4 SE/4. These wells should remain on their existing 640-acre spacing units.
- (7) Samson's idealized development plan for the standup 1280-acre spacing unit described as Sections 27 and 34 is to drill seven horizontal wells 660 feet apart parallel to the long axis of the spacing unit, four in the middle member of the Bakken Formation alternating with three in the Three Forks Formation. Samson plans to drill three wells from each of two common drilling pads and one well from a single-well pad along the north line of Section 27. Utilization of horizontal drilling technology as proposed would result in the wells being completed at a location or locations not in compliance with current applicable spacing orders for the Ambrose-Bakken Pool. The horizontal well design proposed may be preliminary and could be changed for various reasons which is permissible as long as the horizontal well design still justifies the spacing unit.
- (8) Allowing such common drilling pads will reduce the expenditure of funds on surface facilities and enhance the economics of production, thereby preventing economic waste and promoting the greatest ultimate recovery of oil and gas from the Ambrose-Bakken Pool. Utilization of such common drilling pads will improve the timing and economics of connecting wells to gas gathering systems thereby reducing gas flaring and will minimize surface disturbance and enhance the aesthetic values resulting from fewer production facilities.
- (9) Samson requested any tool error in the directional survey equipment when calculating the bottom hole location of any horizontal lateral drilled in the spacing unit be waived. The Commission enforces a policy which requires measurement inaccuracies in the directional survey equipment be considered when the angle between the horizontal lateral and the corresponding spacing unit boundary is ten degrees or less. Waiving potential tool error in the directional survey equipment when calculating the bottom hole location of any horizontal lateral in spacing units which allow multiple horizontal wells will allow said spacing units to be more efficiently developed.
- (10) Allowing the Vassen #27-163-99H and Geralyn Marie 34-163-99H #1DQ wells to continue to produce from their existing spacing units will provide maximum ultimate recovery from the Ambrose-Bakken Pool in a manner that will protect correlative rights.
- (11) Samson estimates the additional oil and gas to be recovered by each additional well will pay for the cost of drilling and completing the well and yield a profit, hence, each additional well will be economic.
  - (12) There were no objections to this application.
- (13) If Samson's activities are successful, greater ultimate recovery of oil and gas from the pool will be achieved which will prevent waste and the drilling of unnecessary wells in a manner which will not have a detrimental effect on correlative rights.

(14) In order to prevent waste, avoid the drilling of unnecessary wells, and protect correlative rights, this application should be approved.

#### IT IS THEREFORE ORDERED:

- (1) Sections 27 and 34, Township 163 North, Range 99 West, Divide County, North Dakota, are hereby established as a standup 1280-acre spacing unit for the exclusive purpose of drilling up to seven horizontal wells within said spacing unit within the Ambrose-Bakken Pool and Zone VII is hereby extended to include said spacing unit. Existing and future vertical and directional wells drilled within the spacing unit herein established shall not be subject to this order.
- (2) The Director is hereby authorized to exercise continuing jurisdiction in this matter to determine whether a horizontal well proposed or drilled upon the 1280-acre spacing unit herein established has justified the creation of such unit, to require amendments or modifications to the permit to drill for such horizontal well, and to deny a permit to drill in the event a well is proposed to be drilled in a manner inconsistent with the evidence that justified such spacing unit.
- (3) Provisions established herein for the Ambrose-Bakken Pool are for the exclusive purpose of drilling horizontal wells. Existing and future vertical and directional wells drilled within the area defined in paragraph (4) below shall not be subject to this order.
- (4) The Ambrose Field is hereby defined as the following described tracts of land in Divide County, North Dakota:

<u>TOWNSHIP 164 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 25, 26, 27, 28, 29, 32, 33, 34, 35 AND 36,

TOWNSHIP 164 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 30 AND 31,

<u>TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM</u>
ALL OF SECTIONS 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 AND 36,

TOWNSHIP 163 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 6, 7, 18, 19, 30 AND 31,

TOWNSHIP 162 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 1 THROUGH 36, INCLUSIVE,

TOWNSHIP 162 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 6, 7, 18, 19, 30 AND 31.

(5) The Ambrose-Bakken Pool is hereby redefined as the following described tracts of land in Divide County, North Dakota:

**ZONE I (640H)** 

TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 26, 27, 34 AND 35,

TOWNSHIP 163 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 30 AND 31,

<u>TOWNSHIP 162 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 2, 3, 10, 11, 13, 14, 15, 22, 23, 24 AND 36.

**ZONE II (3/640H)** 

TOWNSHIP 162 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 4, 5, 8 AND 9.

ZONE III (800H-STANDUP)

TOWNSHIP 164 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 25, 26, 27, 28, 29, 32, 33, 34, 35 AND 36.

ZONE IV (7/800H-STANDUP)

TOWNSHIP 164 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 30 AND 31.

ZONE V (1280H-STANDUP)

<u>TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 23, 24, 25 AND 36.

ZONE VI (1280H-LAYDOWN-OVERLAPPING 640S)

TOWNSHIP 162 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 4 AND 5.

ZONE VII (7/1280H-STANDUP)

<u>TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 15, 16, 17, 20, 21, 22, 27, 28, 29, 30, 31, 32, 33 AND 34,

TOWNSHIP 163 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 6, 7, 18, 19, 30 AND 31,

<u>TOWNSHIP 162 NORTH, RANGE 99 WEST, 5TH PM</u>
ALL OF SECTIONS 1, 6, 7, 12, 16, 17, 18, 19, 20, 21, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 AND 36,

## TOWNSHIP 162 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 6, 7, 18, 19, 30 AND 31.

ZONE VIII (4-12/2080H-STANDUP)

<u>TOWNSHIP 164 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 25, 26, 27, 28, 29, 32, 33, 34, 35 AND 36,

<u>TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 1, 2, 3, 4, 5, 8, 9, 10, 11 AND 12.

**ZONE IX (2560H)** 

TOWNSHIP 163 NORTH, RANGE 100 WEST, 5TH PM ALL OF SECTIONS 25\* AND 36\*,

<u>TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 16, 17, 18\*, 19\*, 20, 21, 28, 29, 30, 31, 32 AND 33,

\*Sections 25, 36, 18, and 19 are within the West Ambrose Field.

TOWNSHIP 162 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 1 AND 12,

TOWNSHIP 162 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 6 AND 7.

ZONE X (13/2560H-STANDUP)

TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 13, 14, 23, 24, 25, 26, 35 AND 36.

ZONE XI (2/4160H-STANDUP)

TOWNSHIP 164 NORTH, RANGE 99 WEST, 5TH PM ALL OF SECTIONS 25, 26, 29, 30\*, 31\*, 32, 35 AND 36.

<u>TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 1, 2, 5, 6\*, 7\*, 8, 11 AND 12.

\*Sections 30, 31, 6, and 7 are within the West Ambrose Field.

ZONE XII (2/5120H-STANDUP)

<u>TOWNSHIP 163 NORTH, RANGE 99 WEST, 5TH PM</u> ALL OF SECTIONS 13, 14, 15, 22, 23, 24, 25, 26, 27, 34, 35 AND 36,

## TOWNSHIP 163 NORTH, RANGE 98 WEST, 5TH PM ALL OF SECTIONS 18, 19, 30 AND 31.

- (6) The Ambrose-Bakken Pool is hereby defined as that accumulation of oil and gas found in the interval from 50 feet above the top of the Bakken Formation to 100 feet below the top of the Three Forks Formation within the limits of the field as set forth above, with an exception as noted in Zone IX below.
- (7) The proper spacing for the development of Zone I in the Ambrose-Bakken Pool is hereby set at one horizontal well per 640-acre spacing unit.
- (8) All portions of the well bore not isolated by cement of any horizontal well in Zone I in the Ambrose-Bakken Pool shall be no closer than 500 feet to the boundary of the spacing unit the lateral is most nearly parallel to and 200 feet to the boundary of the spacing unit the lateral is most nearly perpendicular to. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (9) Spacing units hereafter created in Zone I in the Ambrose-Bakken Pool shall consist of a governmental section.
- (10) Sections 27 and 34, Township 163 North, Range 99 West; Sections 30 and 31, Township 163 North, Range 98 West; and Sections 25 and 36, Township 162 North, Range 99 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in Zone VII in the Ambrose-Bakken Pool.
- (11) Sections 14, 23, 26, and 35, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated a standup 2560-acre spacing unit in Zone X in the Ambrose-Bakken Pool.
- (12) Sections 13, 14, 23, 24, 25, 26, 35, and 36; Sections 14, 15, 22, 23, 26, 27, 34, and 35, Township 163 North, Range 99 West; and Sections 13, 24, 25, and 36, Township 163 North, Range 99 West and Sections 18, 19, 30, and 31, Township 163 North, Range 98 West, Divide County, North Dakota, are also designated standup 5120-acre spacing units in Zone XII in the Ambrose-Bakken Pool.
- (13) Zone I in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (14) The proper spacing for the development of Zone II in the Ambrose-Bakken Pool is hereby set at up to three horizontal wells per 640-acre spacing unit.
- (15) All portions of the well bore not isolated by cement of any horizontal well in Zone II in the Ambrose-Bakken Pool shall be no closer than 500 feet to the boundary of the spacing unit the lateral is most nearly parallel to and 200 feet to the boundary of the spacing unit the lateral is most nearly perpendicular to. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.
- (16) Spacing units hereafter created in Zone II in the Ambrose-Bakken Pool shall consist of a governmental section.

- (17) Sections 4 and 5, Township 162 North, Range 99 West, Divide County, North Dakota, are also designated a laydown 1280-acre spacing unit in Zone VI in the Ambrose-Bakken Pool.
- (18) Zone II in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (19) The proper spacing for the development of Zone III in the Ambrose-Bakken Pool is hereby set at one horizontal well per standup 800-acre spacing unit.
- (20) All portions of the well bore not isolated by cement of any horizontal well in Zone III in the Ambrose-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (21) Sections 25 and 36; Sections 26 and 35; Sections 27 and 34; Sections 28 and 33; and Sections 29 and 32, Township 164 North, Range 99 West, Divide County, North Dakota, are hereby designated standup 800-acre spacing units in Zone III in the Ambrose-Bakken Pool.
- (22) Spacing units hereafter created in Zone III in the Ambrose-Bakken Pool shall be standup spacing units designated by the Commission.
- (23) Sections 25 and 36, Township 164 North, Range 99 West and Sections 1 and 12, Township 163 North, Range 99 West; Sections 26 and 35, Township 164 North, Range 99 West and Sections 2 and 11, Township 163 North, Range 99 West; Sections 27 and 34, Township 164 North, Range 99 West and Sections 3 and 10, Township 163 North, Range 99 West; Sections 28 and 33, Township 164 North, Range 99 West and Sections 4 and 9, Township 163 North, Range 99 West; and Sections 29 and 32, Township 164 North, Range 99 West and Sections 5 and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 2080-acre spacing units in Zone VIII in the Ambrose-Bakken Pool.
- (24) Sections 25, 26, 35, and 36, Township 164 North, Range 99 West and Sections 1, 2, 11, and 12, Township 163 North, Range 99 West; and Sections 29, 30\*, 31\*, and 32, Township 164 North, Range 99 West and Sections 5, 6\*, 7\*, and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 4160-acre spacing units in Zone XI in the Ambrose-Bakken Pool.
- \*Sections 30, 31, 6, and 7 are within the West Ambrose Field.
- (25) Zone III in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (26) The proper spacing for the development of Zone IV in the Ambrose-Bakken Pool is hereby set at up to seven horizontal wells per standup 800-acre spacing unit.
- (27) All portions of the well bore not isolated by cement of any horizontal well in Zone IV in the Ambrose-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional

survey equipment when calculating the bottom hole location in a horizontal well need not be considered.

- (28) Sections 30 and 31, Township 164 North, Range 98 West, Divide County, North Dakota, are hereby designated a standup 800-acre spacing unit in Zone IV in the Ambrose-Bakken Pool.
- (29) Spacing units hereafter created in Zone IV in the Ambrose-Bakken Pool shall be standup spacing units designated by the Commission.
- (30) Zone IV in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (31) The proper spacing for the development of Zone V in the Ambrose-Bakken Pool is hereby set at one horizontal well per standup 1280-acre spacing unit.
- (32) All portions of the well bore not isolated by cement of any horizontal well in Zone V in the Ambrose-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (33) Sections 1 and 12; Sections 2 and 11; Sections 3 and 10; Sections 4 and 9; Sections 5 and 8; Sections 13 and 24; Sections 14 and 23; and Sections 25 and 36, Township 163 North, Range 99 West, Divide County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone V in the Ambrose-Bakken Pool.
- (34) Spacing units hereafter created in Zone V in the Ambrose-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.
- (35) Sections 25 and 36, Township 164 North, Range 99 West and Sections 1 and 12, Township 163 North, Range 99 West; Sections 26 and 35, Township 164 North, Range 99 West and Sections 2 and 11, Township 163 North, Range 99 West; Sections 27 and 34, Township 164 North, Range 99 West and Sections 3 and 10, Township 163 North, Range 99 West; Sections 28 and 33, Township 164 North, Range 99 West and Sections 4 and 9, Township 163 North, Range 99 West; and Sections 29 and 32, Township 164 North, Range 99 West and Sections 5 and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 2080-acre spacing units in Zone VIII in the Ambrose-Bakken Pool.
- (36) Sections 13, 24, 25, and 36; and Sections 14, 23, 26, and 35, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 2560-acre spacing units in Zone X in the Ambrose-Bakken Pool.
- (37) Sections 25, 26, 35, and 36, Township 164 North, Range 99 West and Sections 1, 2, 11, and 12, Township 163 North, Range 99 West; and Sections 29, 30\*, 31\*, and 32, Township 164 North, Range 99 West and Sections 5, 6\*, 7\*, and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 4160-acre spacing units in Zone XI in the Ambrose-Bakken Pool.

<sup>\*</sup>Sections 30, 31, 6, and 7 are within the West Ambrose Field.

- (38) Sections 13, 14, 23, 24, 25, 26, 35, and 36; Sections 14, 15, 22, 23, 26, 27, 34, and 35, Township 163 North, Range 99 West; and Sections 13, 24, 25, and 36, Township 163 North, Range 99 West and Sections 18, 19, 30, and 31, Township 163 North, Range 98 West, Divide County, North Dakota, are also designated standup 5120-acre spacing units in Zone XII in the Ambrose-Bakken Pool.
- (39) Zone V in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (40) The proper spacing for the development of Zone VI in the Ambrose-Bakken Pool is hereby set at one horizontal well per laydown 1280-acre spacing unit.
- (41) All portions of the well bore not isolated by cement of any horizontal well in Zone VI in the Ambrose-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (42) Sections 4 and 5, Township 162 North, Range 99 West, Divide County, North Dakota, are hereby designated a laydown 1280-acre spacing unit in Zone VI in the Ambrose-Bakken Pool.
- (43) Spacing units hereafter created in Zone VI in the Ambrose-Bakken Pool shall be laydown spacing units consisting of two adjacent governmental sections which overlap 640-acre spacing units.
- (44) Section 4; and Section 5, Township 162 North, Range 99 West, Divide County, North Dakota, are also designated 640-acre spacing units in Zone II in the Ambrose-Bakken Pool.
- (45) Zone VI in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (46) The proper spacing for the development of Zone VII in the Ambrose-Bakken Pool is hereby set at up to seven horizontal wells per standup 1280-acre spacing unit.
- (47) All portions of the well bore not isolated by cement of any horizontal well in Zone VII in the Ambrose-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.
- (48) Sections 15 and 22; Sections 16 and 21; Sections 17 and 20; Sections 27 and 34; Sections 28 and 33; Sections 29 and 32; Sections 30 and 31, Township 163 North, Range 99 West; Sections 6 and 7; Sections 18 and 19; Sections 30 and 31, Township 163 North, Range 98 West; Sections 1 and 12; Sections 6 and 7; Sections 16 and 21; Sections 17 and 20; Sections 18 and 19; Sections 25 and 36; Sections 26 and 35; Sections 27 and 34; Sections 28 and 33; Sections 29 and 32; Sections 30 and 31, Township 162 North, Range 99 West; Sections 6 and 7; Sections 18 and 19; and Sections 30 and 31, Township 162 North, Range 98 West, Divide County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone VII in the Ambrose-Bakken Pool.

- (49) Spacing units hereafter created in Zone VII in the Ambrose-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.
- (50) Section 27; Section 34, Township 163 North, Range 99 West; Section 30; Section 31, Township 163 North, Range 98 West; and Section 36, Township 162 North, Range 99 West, Divide County, North Dakota, are also designated 640-acre spacing units in Zone I in the Ambrose-Bakken Pool.
- (51) Sections 16, 17, 20, and 21; Sections 17, 18\*, 19\*, and 20; Sections 28, 29, 32, and 33; Sections 29, 30, 31, and 32, Township 163 North, Range 99 West; Sections 25\* and 36\*, Township 163 North, Range 100 West and Sections 30 and 31, Township 163 North, Range 99 West; and Sections 1 and 12, Township 162 North, Range 99 West and Sections 6 and 7, Township 162 North, Range 98 West, Divide County, North Dakota, are also designated 2560-acre spacing units in Zone IX in the Ambrose-Bakken Pool.

\*Sections 18, 19, 25, and 36 are within the West Ambrose Field.

- (52) Zone VII in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (53) The proper spacing for the development of Zone VIII in the Ambrose-Bakken Pool is hereby set at a minimum of four horizontal wells, up to twelve horizontal wells, per standup 2080-acre spacing unit.
- (54) All portions of the well bore not isolated by cement of any horizontal well in Zone VIII in the Ambrose-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.
- (55) Sections 25 and 36, Township 164 North, Range 99 West and Sections 1 and 12, Township 163 North, Range 99 West; Sections 26 and 35, Township 164 North, Range 99 West and Sections 2 and 11, Township 163 North, Range 99 West; Sections 27 and 34, Township 164 North, Range 99 West and Sections 3 and 10, Township 163 North, Range 99 West; Sections 28 and 33, Township 164 North, Range 99 West and Sections 4 and 9, Township 163 North, Range 99 West; and Sections 29 and 32, Township 164 North, Range 99 West and Sections 5 and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are hereby designated standup 2080-acre spacing units in Zone VIII in the Ambrose-Bakken Pool.
- (56) A mirror offset horizontal well to the Le Mans #11-2-163-99H well (File No. 20341) shall be drilled and completed in the standup 800-acre spacing unit described as Sections 26 and 35, Township 164 North, Range 99 West; Divide County, North Dakota; a mirror offset horizontal well to the Biscayne #0310-04TFH well (File No. 21363) shall be drilled and completed in the standup 800-acre spacing unit described as Sections 27 and 34, Township 164 North, Range 99 West; Divide County, North Dakota; a mirror offset horizontal well to the Skyline #4-9-163-99H well (File No. 20646) shall be drilled and completed in the standup 800-acre spacing unit described as Sections 28 and 33, Township 164 North, Range 99 West; Divide County, North Dakota; and a mirror offset horizontal well to the Thomte #8-5-163-99H well (File No. 20837) shall be drilled and completed in the standup 800-acre spacing unit described as Sections 29 and 32, Township 164

North, Range 99 West, Divide County, North Dakota, within twelve months of completing the first horizontal well in each respective standup 2080-acre spacing unit. A minimum of four horizontal wells shall be drilled and completed within each proposed standup 2080-acre spacing unit within twenty-four months from when the first horizontal well is completed in each respective standup 2080-acre spacing unit. If these conditions are not met, the Commission shall schedule the matter for consideration to reduce the size of the spacing unit.

- (57) Spacing units hereafter created in Zone VIII in the Ambrose-Bakken Pool shall be standup spacing units designated by the Commission.
- (58) Sections 25 and 36; Sections 26 and 35; Sections 27 and 34; Sections 28 and 33; and Sections 29 and 32, Township 164 North, Range 99 West, Divide County, North Dakota, are also designated standup 800-acre spacing units in Zone III in the Ambrose-Bakken Pool.
- (59) Sections 1 and 12; Sections 2 and 11; Sections 3 and 10; Sections 4 and 9; and Sections 5 and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in Zone V in the Ambrose-Bakken Pool.
- (60) Sections 25, 26, 35, and 36, Township 164 North, Range 99 West and Sections 1, 2, 11, and 12, Township 163 North, Range 99 West; and Sections 29, 30\*, 31\*, and 32, Township 164 North, Range 99 West and Sections 5, 6\*, 7\*, and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 4160-acre spacing units in Zone XI in the Ambrose-Bakken Pool.

\*Sections 30, 31, 6, and 7 are within the West Ambrose Field.

- (61) Zone VIII in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (62) The proper spacing for the development of Zone IX in the Ambrose-Bakken Pool is hereby set at one horizontal well per 2560-acre spacing unit.
- (63) The Ambrose-Bakken Pool in Zone IX is hereby defined as that accumulation of oil and gas found in the interval from the base of the Bakken Formation to 100 feet below the top of the Three Forks Formation in those 2560-acre spacing units described in paragraph (65) below. The Ambrose-Bakken Pool in the spacing unit described in paragraph (66) below is as described in paragraph (6) above.
- (64) All portions of the well bore not isolated by cement of any horizontal well in Zone IX in the Ambrose-Bakken Pool shall be located approximately down the north-south axis and no closer than 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.

(65) Sections 16, 17, 20, and 21; Sections 17, 18\*, 19\*, and 20; Sections 28, 29, 32, and 33; Sections 29, 30, 31, and 32, Township 163 North, Range 99 West; and Sections 25\* and 36\*, Township 163 North, Range 100 West and Sections 30 and 31, Township 163 North, Range 99 West, Divide County, North Dakota, are hereby designated 2560-acre spacing units in Zone IX in the Ambrose-Bakken Pool.

\*Sections 18, 19, 25, and 36 are within the West Ambrose Field.

- (66) Sections 1 and 12, Township 162 North, Range 99 West and Sections 6 and 7, Township 162 North, Range 98 West, Divide County, North Dakota, are hereby designated a 2560-acre spacing unit in Zone IX in the Ambrose-Bakken Pool.
- (67) Spacing units hereafter created in Zone IX in the Ambrose-Bakken Pool shall consist of four adjacent governmental sections designated by the Commission.
- (68) Sections 16 and 21; Sections 17 and 20; Sections 28 and 33; Sections 29 and 32; Sections 30 and 31, Township 163 North, Range 99 West; Sections 1 and 12, Township 162 North, Range 99 West; and Sections 6 and 7, Township 162 North, Range 98 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in Zone VII in the Ambrose-Bakken Pool.
- (69) Sections 25 and 36, Township 163 North, Range 100 West; and Sections 18 and 19, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in the West Ambrose-Bakken Pool.
- (70) Sections 25, 26, 35, and 36, Township 163 North, Range 100 West; and Sections 13 and 24, Township 163 North, Range 100 West and Sections 18 and 19, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated 2560-acre spacing units in the West Ambrose-Bakken Pool.
- (71) Zone IX in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (72) The proper spacing for the development of Zone X in the Ambrose-Bakken Pool is hereby set at up to thirteen horizontal wells per standup 2560-acre spacing unit.
- (73) All portions of the well bore not isolated by cement of any horizontal well in Zone X in the Ambrose-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.
- (74) Sections 13, 24, 25, and 36; and Sections 14, 23, 26, and 35, Township 163 North, Range 99 West, Divide County, North Dakota, are hereby designated standup 2560-acre spacing units in Zone X in the Ambrose-Bakken Pool.
- (75) Spacing units hereafter created in Zone X in the Ambrose-Bakken Pool shall be standup spacing units consisting of four adjacent governmental sections.

- (76) Section 26; and Section 35, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated 640-acre spacing units in Zone I in the Ambrose-Bakken Pool.
- (77) Sections 13 and 24; Sections 14 and 23; and Sections 25 and 36, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in Zone V in the Ambrose-Bakken Pool.
- (78) Sections 13, 14, 23, 24, 25, 26, 35, and 36; Sections 14, 15, 22, 23, 26, 27, 34, and 35, Township 163 North, Range 99 West; and Sections 13, 24, 25, and 36, Township 163 North, Range 99 West and Sections 18, 19, 30, and 31, Township 163 North, Range 98 West, Divide County, North Dakota, are also designated standup 5120-acre spacing units in Zone XII in the Ambrose-Bakken Pool.
- (79) Zone X in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (80) The proper spacing for the development of Zone XI in the Ambrose-Bakken Pool is hereby set at two horizontal wells per standup 4160-acre spacing unit.
- (81) All portions of the well bore not isolated by cement of any horizontal well in Zone XI in the Ambrose-Bakken Pool shall be located approximately down the north-south axis and no closer than 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (82) Sections 25, 26, 35, and 36, Township 164 North, Range 99 West and Sections 1, 2, 11, and 12, Township 163 North, Range 99 West; and Sections 29, 30\*, 31\*, and 32, Township 164 North, Range 99 West and Sections 5, 6\*, 7\*, and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are hereby designated standup 4160-acre spacing units in Zone XI in the Ambrose-Bakken Pool.
- \*Sections 30, 31, 6, and 7 are within the West Ambrose Field.
- (83) A horizontal well shall be completed in the standup 800-acre spacing unit described as Sections 26 and 35, Township 164 North, Range 99 West, Divide County, North Dakota, prior to completing any horizontal well in the standup 4160-acre spacing unit described as Sections 25, 26, 35, and 36, Township 164 North, Range 99 West and Sections 1, 2, 11, and 12, Township 163 North, Range 99 West, Divide County, North Dakota.
- (84) In order to protect correlative rights and to justify the standup 4160-acre spacing units described as Sections 25, 26, 35, and 36, Township 164 North, Range 99 West and Sections 1, 2, 11, and 12, Township 163 North, Range 99 West; and Sections 29, 30\*, 31\*, and 32, Township 164 North, Range 99 West and Sections 5, 6\*, 7\*, and 8, Township 163 North, Range 99 West, Divide County, North Dakota, the two horizontal wells shall be drilled consecutively and target the same zone.

<sup>\*</sup>Sections 30, 31, 6, and 7 are within the West Ambrose Field.

- (85) Spacing units hereafter created in Zone XI in the Ambrose-Bakken Pool shall be designated by the Commission.
- (86) Sections 25 and 36; Sections 26 and 35; and Sections 29 and 32, Township 164 North, Range 99 West, Divide County, North Dakota, are also designated standup 800-acre spacing units in Zone III in the Ambrose-Bakken Pool.
- (87) Sections 30 and 31, Township 164 North, Range 99 West, Divide County, North Dakota, are also designated a standup 800-acre spacing unit in the West Ambrose-Bakken Pool.
- (88) Sections 1 and 12; Sections 2 and 11; and Sections 5 and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in Zone V in the Ambrose-Bakken Pool.
- (89) Sections 6 and 7, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated a standup 1280-acre spacing unit in the West Ambrose-Bakken Pool.
- (90) Sections 25 and 36, Township 164 North, Range 99 West and Sections 1 and 12, Township 163 North, Range 99 West; Sections 26 and 35, Township 164 North, Range 99 West and Sections 2 and 11, Township 163 North, Range 99 West; and Sections 29 and 32, Township 164 North, Range 99 West and Sections 5 and 8, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 2080-acre spacing units in Zone VIII in the Ambrose-Bakken Pool.
- (91) Sections 30 and 31, Township 164 North, Range 99 West and Sections 6 and 7, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated a standup 2080-acre spacing unit in the West Ambrose-Bakken Pool.
- (92) Zone XI in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (93) The proper spacing for the development of Zone XII in the Ambrose-Bakken Pool is hereby set at two horizontal wells per standup 5120-acre spacing unit.
- (94) All portions of the well bore not isolated by cement of any horizontal well in Zone XII in the Ambrose-Bakken Pool shall be located approximately down the north-south axis and no closer than 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (95) Sections 13, 14, 23, 24, 25, 26, 35, and 36; Sections 14, 15, 22, 23, 26, 27, 34, and 35, Township 163 North, Range 99 West; and Sections 13, 24, 25, and 36, Township 163 North, Range 99 West and Sections 18, 19, 30, and 31, Township 163 North, Range 98 West, Divide County, North Dakota, are hereby designated standup 5120-acre spacing units in Zone XII in the Ambrose-Bakken Pool.
- (96) In order to protect correlative rights and to justify the standup 5120-acre spacing units described as Sections 13, 14, 23, 24, 25, 26, 35, and 36; Sections 14, 15, 22, 23, 26, 27, 34, and 35, Township 163 North, Range 99 West; and Sections 13, 24, 25, and 36, Township 163 North, Range

99 West and Sections 18, 19, 30, and 31, Township 163 North, Range 98 West, Divide County, North Dakota, the two horizontal wells shall be drilled consecutively and target the same zone.

- (97) Spacing units hereafter created in Zone XII in the Ambrose-Bakken Pool shall consist of eight adjacent governmental sections designated by the Commission.
- (98) Sections 26, 27, 34, and 35, Township 163 North, Range 99 West; Section 30; and Section 31, Township 163 North, Range 98 West, Divide County, North Dakota, are also designated 640-acre spacing units in Zone I in the Ambrose-Bakken Pool.
- (99) Sections 13 and 24; Sections 14 and 23; and Sections 25 and 36, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in Zone V in the Ambrose-Bakken Pool.
- (100) Sections 15 and 22, Township 163 North, Range 99 West; and Sections 18 and 19, Township 163 North, Range 98 West, Divide County, North Dakota, are also designated standup 1280-acre spacing units in Zone VII in the Ambrose-Bakken Pool.
- (101) Sections 13, 24, 25, and 36; and Sections 14, 23, 26, and 35, Township 163 North, Range 99 West, Divide County, North Dakota, are also designated standup 2560-acre spacing units in Zone X in the Ambrose-Bakken Pool.
- (102) Zone XII in the Ambrose-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (103) The operator of any horizontally drilled well in the Ambrose-Bakken Pool shall cause to be made a directional survey of the well bore. The directional survey contractor shall file a certified survey with the Commission within 30 days after completion of the well in accordance with NDAC Section 43-02-03-25. The survey shall be of sufficient quality to enable the Commission to determine the entire completion location of the well and its terminus.
- (104) The Director is hereby authorized to exercise continuing jurisdiction to determine whether any well proposed or drilled upon any spacing unit herein established has justified the creation of such unit, to require amendments or modifications to the permit to drill for such well, and to deny a permit to drill in the event a well is proposed to be drilled in a manner inconsistent with the evidence that justified the spacing requirements in the Ambrose-Bakken Pool.
- (105) The Commission shall have continuing jurisdiction in this matter and specifically reserves the authority, upon its own motion or the motion of any interested party, to: (1) review the spacing requirements for the Ambrose-Bakken Pool; (2) determine whether the separate zones of spacing established herein are warranted; and (3) make such further amendments or modifications to the spacing requirements for the Ambrose-Bakken Pool as the Commission deems appropriate.
- (106) No well shall be drilled or produced in the Ambrose-Bakken Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.

(107) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Ambrose-Bakken Pool:

- (a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of the Fox Hills Formation. Sufficient cement shall be used to fill the annular space outside the pipe to the surface of the ground, or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1500 pounds per square inch. If, at the end of 30 minutes this pressure has dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
- (b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 2000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation, or at a point approved by the Director. Sufficient cement shall be used and applied in such a manner as to protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 15 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1500 pounds per square inch. If, at the end of 30 minutes this pressure has dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
- (c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected; and,
- (d) All wells shall be equipped with tubing; a tubing packer must also be utilized in flowing wells unless a waiver is obtained from the Director after demonstrating the casing will not be subjected to excessive pressure or corrosion; all tubing shall be of sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.
- (108) The gas-oil ratio of all wells not connected to a gas gathering system shall be measured annually during the month of May. The reservoir pressure shall be measured in any well completed in the Ambrose-Bakken Pool if deemed necessary by the Director. Drill stem test pressures are acceptable for determining reservoir pressure. Pressure measurements shall be made at or adjusted to a subsea datum of 5740 feet. All gas-oil ratio and reservoir pressure determinations shall be made by methods approved by the Director and reported to the Director within 15 days following the end of the month in which they are determined. The Director is authorized to waive these requirements if the necessity therefore can be demonstrated to his satisfaction. All additional gas-oil ratio and reservoir pressure determinations conducted on any

well, but not specially required herein, shall be reported to the Director within 15 days following the end of the month in which they are determined.

- (109) No salt water, drilling mud, crude oil, or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.
- (110) All wells in the Ambrose-Bakken Pool shall be allowed to produce at a maximum efficient rate through September 30, 2013.
- (111) After September 30, 2013, all wells in the Ambrose-Bakken Pool shall be allowed to produce at a maximum efficient rate for a period of 60 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; after that, oil production from such wells shall not exceed an average of 200 barrels per day for a period of 60 days; after that, oil production from such wells shall not exceed an average of 150 barrels per day for a period of 60 days, thereafter, oil production from such wells shall not exceed an average of 100 barrels of oil per day; if and when such wells are connected to a gas gathering and processing facility the foregoing restrictions shall be removed, and the wells shall be allowed to produce at a maximum efficient rate. The Director is authorized to issue an administrative order allowing unrestricted production at a maximum efficient rate for a period not to exceed 120 days, commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run, if the necessity therefor can be demonstrated to his satisfaction.
- (112) If the flaring of gas produced with crude oil from the Ambrose-Bakken Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.
- (113) This order shall cover all of the Ambrose-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and continues in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.

Dated this 27th day of September, 2013.

INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

By the Director, on behalf of the Commission

/s/ Lynn D. Helms, Director

#### STATE OF NORTH DAKOTA

#### AFFIDAVIT OF MAILING

#### **COUNTY OF BURLEIGH**

I, Belinda Dickson, being duly sworn upon oath, depose and say: That on the <u>10th</u> day of <u>October, 2013</u> enclosed in separate envelopes true and correct copies of the attached Order No. <u>23099</u> of the North Dakota Industrial Commission, and deposited the same with the United States Postal Service in Bismarck, North Dakota, with postage thereon fully paid, directed to the following persons by the Industrial Commission in Case No. <u>20793</u>:

LAWRENCE BENDER FREDRIKSON & BYRON PO BOX 1855 BISMARCK ND 58502-1855

Belinda Dickson
Oil & Gas Division

On this  $10^{th}$  day of October, 2013 before me personally appeared Belinda Dickson to me known as the person described in and who executed the foregoing instrument and acknowledged that she executed the same as her free act and deed.

TRUDY HOGUE Notary Public State of North Dakota My Commission Expires March 4, 2014

Notary Public

State of North Dakota, County of Burleigh

#### Kadrmas, Bethany R.

From: Entzi-Odden, Lyn <lodden@fredlaw.com>
Sent: Wednesday, September 11, 2013 2:59 PM

**To:** Bohrer, Mark F.

Cc: Kadrmas, Bethany R.; Heilman, Tracy A.; apressnall@samson.com

**Subject:** Letter requesting order-Case 20793

**Attachments:** 20793\_001-c.pdf

#### Mark,

Please see the attached.

Lyn Entzi-Odden
Fredrikson & Byron, P.A.
Executive Legal Assistant
Energy

(701) 221-4020 Work
lodden@fredlaw.com
200 North 3rd Street
Suite 150
Bismarck, ND 58501

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September 11, 2013

#### VIA EMAIL

Mr. Mark Bohrer North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310

RE: Case No. 20793: Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, T.163N., R.99W., Divide County, ND, authorizing the drilling of a total not to exceed seven wells on said overlapping 1280-acre spacing unit and such other relief as is appropriate.

Dear Mark:

I am writing on behalf of Samson Resources Company to request an order for the captioned case, heard August 29, 2013.

Samson indicates that a rig is ready to drill and Samson has a spud date in the near future but will need the order before it can obtain permits and build the location.

Should you have any questions, please advise.

AWRENCY BENDER

LB/leo

cc: Mr. Adam Pressnall *Via Email* 7347715\_1.DOC

Attorneys & Advisors main 701.221.4020 fax 701.221.4040 www.fredlaw.com Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, North Dakota 58501-3879

#### Kadrmas, Bethany R.

From: Gibson, Melissa <MGibson@fredlaw.com>
Sent: Tuesday, September 03, 2013 3:58 PM

**To:** Kadrmas, Bethany R.

Cc: Elliot Gollehon (egollehon@samson.com); Entzi-Odden, Lyn

**Subject:** Samson Case 20793

**Attachments:** SAMSON aff 20793\_001.pdf; Melissa Gibson.vcf

Bethany,

Please see the attached letter/affidavit. Thank you.

#### Melissa Gibson

Fredrikson & Byron, P.A. Legal Secretary Oil & Gas (701) 221-4048 (701) 221-4020 mgibson@fredlaw.com 200 North Third Street, Suite 150 Bismarck ND 58501-3879

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#### September 3, 2013

#### VIA EMAIL

Mr. Bruce Hicks Assistant Director NDIC, Oil and Gas Division 600 East Boulevard Bismarck, ND 58505-0310

> RE: NDIC CASE NO. 20793 SAMSON RESOURCES COMPANY

Dear Mr. Hicks:

Please find enclosed herewith for filing the original TELEPHONIC COMMUNICATION AFFIDAVITS in regard to the above-captioned matter.

Should you have any questions, please dvise.

AWDENCE DENIDED

LB/mpg

Enclosures

cc: Ms. Elliot Gollehon (via email w/enc.)

7289509\_1.DOC

Attorneys & Advisors main 701.221.4020 fax 701.221.4040 www.fredlaw.com Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, North Dakota 58501-3879

#### OF THE STATE OF NORTH DAKOTA

**CASE No. 20793** 

Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, T.163N., R.99W., Divide County, ND, authorizing the drilling of a total not to exceed seven wells on said overlapping 1280-acre spacing unit and such other relief as is appropriate.

#### **TELEPHONIC COMMUNICATION AFFIDAVIT**

Troy Johnson being first duly sworn deposes and states as follows: That on August 29, 2013, I testified under oath before the North Dakota Industrial Commission in Case No. 20793. My testimony was presented by telephone from (720) 239-4377 at, and on behalf of, Samson Resources Company, 370 17th Street, Suite 3000, Denver, Colorado 80202.

TROY JOHNSON

STATE OF COLORADO ) ss.
COUNTY OF DENVER )

On August 29, 2013, Troy Johnson of Samson Resources Company, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

ELLIOT LESLIE GOLLEHON
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID # 20094000827
MY COMMISSION EXPIRES JANUARY 07, 2017

Notary Public 7277616 1.DOC

#### OF THE STATE OF NORTH DAKOTA

**CASE No. 20793** 

Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, T.163N., R.99W., Divide County, ND, authorizing the drilling of a total not to exceed seven wells on said overlapping 1280-acre spacing unit and such other relief as is appropriate.

#### **TELEPHONIC COMMUNICATION AFFIDAVIT**

Benjamin Jackson being first duly sworn deposes and states as follows: That on August 29, 2013, I testified under oath before the North Dakota Industrial Commission in Case No. 20793. My testimony was presented by telephone from (720) 239-4377 at, and on behalf of, Samson Resources Company, 370 17th Street, Suite 3000, Denver, Colorado 80202.

BENJAMIN JACKSON

STATE OF COLORADO	)
	) ss.
COUNTY OF DENVER	)

ELLIOT LESLIE GOLLEHON

NOTARY PUBLIC

STATE OF COLORADO

NOTARY ID # 20094000627

MY COMMISSION EXPIRES JANUARY 07, 2017

Notary Public 7277625 1.DOC

#### OF THE STATE OF NORTH DAKOTA

**CASE No. 20793** 

Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, T.163N., R.99W., Divide County, ND, authorizing the drilling of a total not to exceed seven wells on said overlapping 1280-acre spacing unit and such other relief as is appropriate.

#### TELEPHONIC COMMUNICATION AFFIDAVIT

Adam Pressnall being first duly sworn deposes and states as follows: That on August 29, 2013, I testified under oath before the North Dakota Industrial Commission in Case No. 20793. My testimony was presented by telephone from (720) 239-4377 at, and on behalf of, Samson Resources Company, 370 17th Street, Suite 3000, Denver, Colorado 80202.

ADAM PRESSNALL

STATE OF COLORADO	)
	) ss
COUNTY OF DENVER	)

On August 29, 2013, Adam Pressnall of Samson Resources Company, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

ELLIOT LESLIE GOLLEHON NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 20094000827 MY COMMISSION EXPIRES JANUARY 07, 2017 Notary Public 7277577 1.DOC



#### NORTH DAKOTA INDUSTRIAL COMMISSION

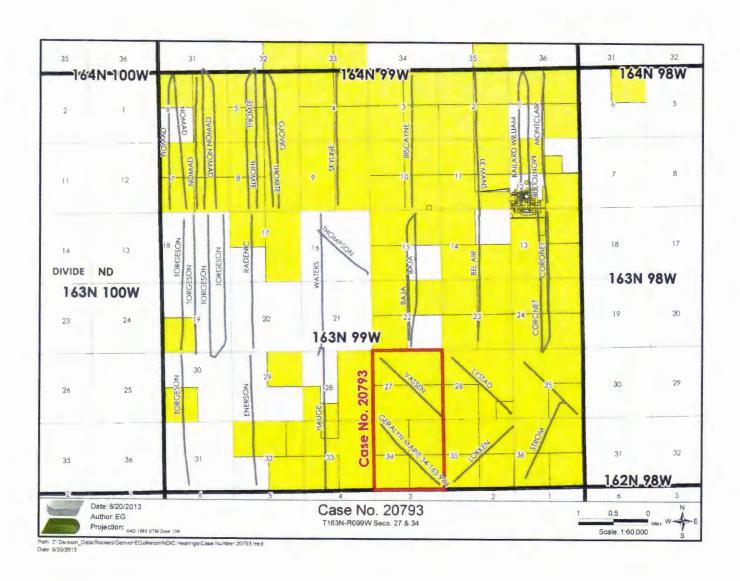
**CASE No. 20793** 

APPLICATION FOR AN ORDER
AMENDING THE FIELD RULES FOR
THE AMBROSE-BAKKEN POOL TO
CREATE AND ESTABLISH AN OVERLAPPING
1280-ACRE SPACING UNIT COMPRISED OF
SECTIONS 27 AND 34, T.163N., R.99W.,
DIVIDE COUNTY, ND,
authorizing the drilling of 7 horizontal wells
on said overlapping 1280-acre spacing unit
and such relief as is appropriate.

BEFORE THE
OIL & GAS DIVISION
of the
INDUSTRIAL COMMISSION
of the
STATE OF NORTH DAKOTA

**AUGUST 29, 2013** 

## Exhibit No. 1 Spacing Unit Map



INDUSTRIAL COMMISS ON
STATE OF NORTH DIKCTA

DATE 829-13 CASE NII. 20793
Introduced By Samson
Exhibit I
Identified By Pressnall

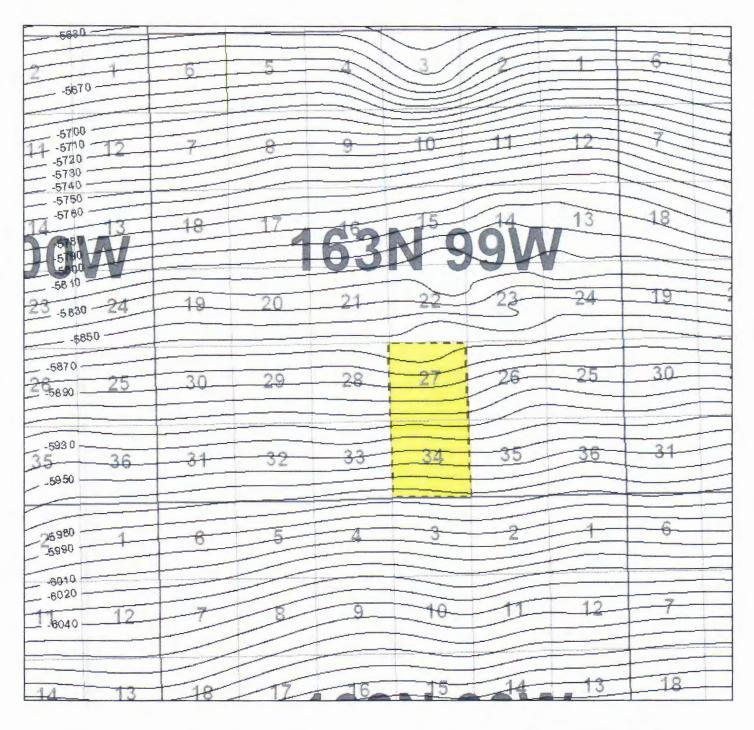
## Exhibit No. 2 Lease Ownership Sections 27 and 34, T163N, R99W

T163N-R99W		T163N-R99W		T163N-R99W	
Secs. 27, 34		Secs. 27		Secs. 34	
1280 Acres		640 Acres		640 Acres	
WI Owner	GWI	WI Owner	GWI	WI Owner	GWI
SRC	0.5093	SRC	0.525	SRC	0.49
BH	0.1875	BH	0.375	Baytex	0.35
WH	0.0970	WH	0.1	WH	0.09
Baytex	0.1763	Totals	1.000	Various Small Owners	0.05
Various Small Owners	0.0297			Totals	1.00
Totals	1.000				

INDUSTRIAL COMMARNIAN STATE OF NORTH DARMA

DATE 8-29-13 CASE NU 20793
Introduced By Samson
Exhibit 2
Identified By Pressnall

Exhibit No. 3 Structure Map - Top Middle Bakken(C.I. = 50')



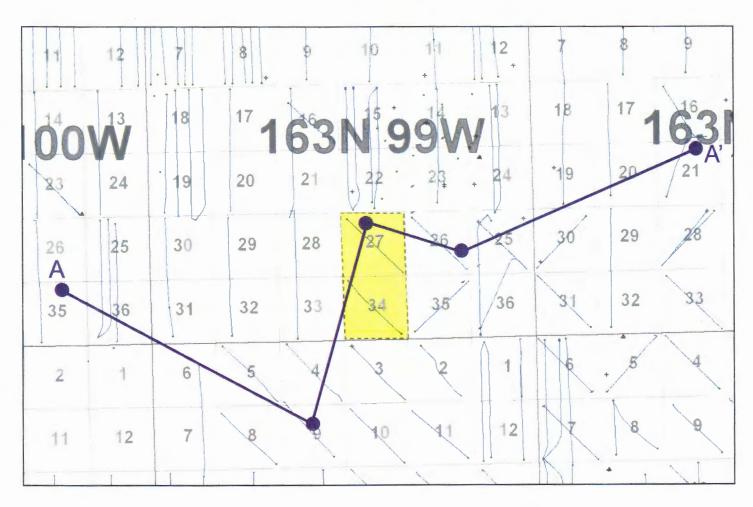
INDUSTRIAL COMMISSION STATE OF NORTH DAKUTA

DATE 8-29-13 CASE NO. 207934

NDIC Case No. 20793 Introduced By Samson Exhibit

Identify Johnson

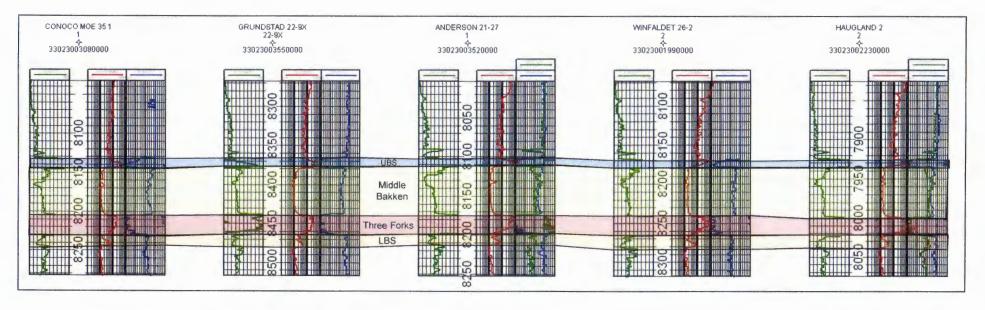
## Exhibit No. 4 Cross Section Map



INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

DATE 829-13 CASE NO. 20193
Introduced By Samson
Exhibit 4
Identified By JOHNSON

## Exhibit No. 5 Cross Section A - A'



INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

DATE 8-29-13 CASE NO. 20793

Introduced By Samson

Exhibit 5 Identified By Johnson

August 29, 2013

NDIC Case No. 20793

## Exhibit No. 5 1280 Acre Proposed Well Plan

Sec 27 & 34 - T.163N-R.99W

Note: The B.H.L. and S.H.L. are non specific and may change based on topographic and/or cultural restrictions, made for field rules found on the Approved Drilling Permit

> Future Bakken 1280 Lateral

Existing Bakken 640 Lateral

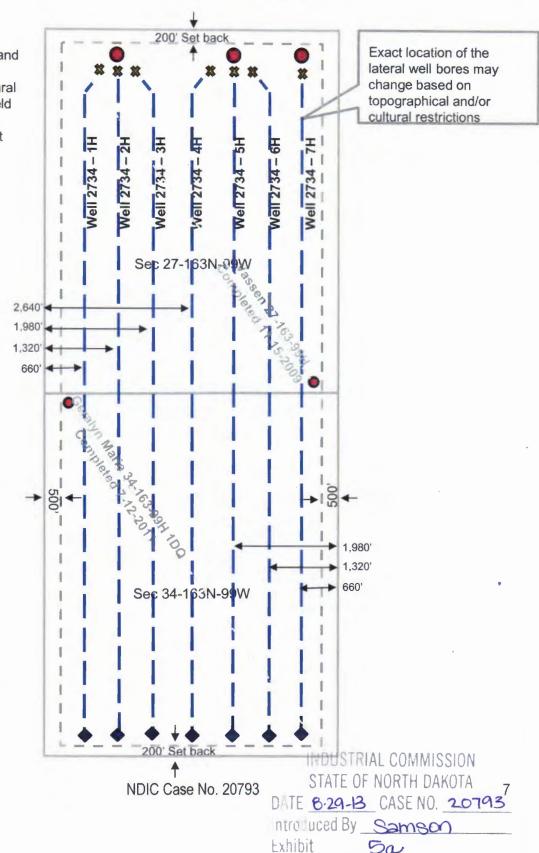
7" Casing Point

Surface Location

Bottom Hole Location

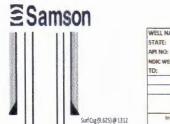
Section Line

August 29, 2013



Identified By

## Exhibit No. 6 Drilling Plan & Well Design



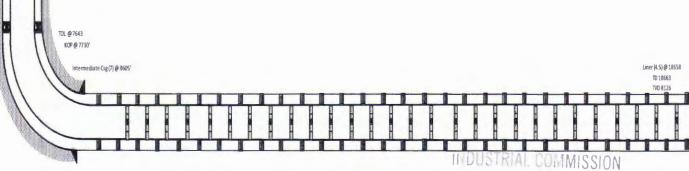
TOC @ 1530 CBL

WELL NAME:	Proposed	posed Middle Bakken Well FIELD: Ambrose						L5E#: 045441						
STATE:	ITE: North Dakota COUNTY: Divide					ivide	SRF LOC: 250FNL 2165 FWL NENW 25 163N 99W							
API NO:	NO: 33-023-00816 SPUD DATE: 7/2/2012						BHL: 249 FNL 2076 FWL NENW 13 163N 99W							
NDIC WELL #	22483	TD DATE: 9/25/2012 FORMATIO					FORMATION:	Middle Bakk	en					
TD:	18663	TVD:	8075		CMPL DATE:				ELEVATIONS	2201 GL 222	1 KB			
				PEPE	RECORD						CEMENT & HOLI	DATA		
		OD	GRADE	THO	WEIGHT (ppf)	TOP	BTM	#JTS		BIT SIZE	DEPTH	SX	YIELD (cu ft/sk)	TOC
Su	rf Csg	9.625"	J-55	ETC	35#	O.	1312			13.500*	1525'	260	2.90	
									2			180	1.16	
intarme	ediate Csg	7.000°	HCL-80	LTC	29.00#	O'	96051	208		8.750"	8605	210	2.24	1530' CBL
												385	1.40	
É	iner	4.500*	L-80	BTC	13.50#	7643	18656	245		6.000°	18663			
Tie	sback	4.500"	1-80	BTC	13.50W	0"	7543"	182						
	Tbg													

WELL NAME	Proposed	Three Forks Well		PIELD: Ambrose					LSE#: 045441					
STATE:	North Dakota COUNTY: Dwide						SRF LOC: 250FNL 2165 FWL NENW 25 163N 99W							
API NO:	: 33-023-00816 SPUO DATE: 7/2/2012						BHL:	249 FNL 2076	FWL NEWW 13	153N 99W				
NOIC WELL IN	22483				TO DATE: 9	/25/2012			FORMATION:	Three Forks				
ID:	18663	TVD:	8126		CMPL DATE:				ELEVATION:	2201' GL 222	1 KB			
				PIPE	RECORD						CEMENT & HOL	EDATA		
		OD	GRADE	THD	WEIGHT (ppf)	TOP	BITME	#375		BIT SIZE	DEPTH	201	YIELD jou it /skj	TOC
S	orf Cag	9.625"	J-55	LTC	36#	G.	1312			13.500"	1525	260	2.90	
												180	1.15	
Intern	ediate Csg	7,000**	HCE-80	LTC	29.00#	O'	8605	208		8.750"	8605	210	2.24	1530° CBI
												385	1.40	
	iner	4.500"	L-BC	BTC	13.50#	7543	126581	245		5.000°	18663			
74	ebuck	4.500"	1-80	BR	13.500	o	7643	182						
	The													

### **1280 Completion Design**

25 Stgs – Swell Packers w/ Sleeves 100 M#/ Stg Overall Sand 2.5 MM#/Well



August 29, 2013

NDIC Case No. 20793

STATE OF NORTH DAKOTA 8
DATE 6-29-13 CASE NO. 20793
IMMODILICATE BY Samson
Exhibit 6

Identified By Jackson

# Exhibit No. 7 Ambrose – Bakken Pool Reservoir Properties & Economics – 1280 Acres

### **Reservoir Properties**

Formation Type	Silty Dolomite
Depth (TVD)	7900'
Vertical Thickness	100'
Porosity	6%
Water Saturation	35%
Oil Gravity	40.6° API
Bottom Hole Temperature	186° F
Bottom Hole Pressure	4,181 psia
Formation Volume Factor	1.49 STB/RB
GOR:	1,000 scf/STB
Gas Gravity	1.109
Gas Heating Value (dry)	1,832 btu
OOIP (1280 acres)	25,982 MSTB
Primary Recovery Factor	~12%
Primary Estimated Recoverable Reserves	3,118 MSTB
Primary Estimated Recoverable Reserves per Well	445 MSTB
	445 MMSCF

### **Single Well Economics**

Operating Cost		\$9000 per mth
Royalties & Over-Rides		20%
Average Oil Price		\$95/bbl
Average Gas Price		\$3.50/mcf
Net Sales		\$35,097,284
Oil Severance Tax (11.5%)		\$3,892,770
Gas Severance Tax (\$0.0914/MS	SCF)	\$32,567
Operating Expenses (30 years)		\$3,240,000
Net Income		\$27,931,946
Investment		\$6,500,000
Return on Investment		INDUSTRIAL COMMISSION4.3
		STATE OF NORTH DAKOTA
August 29, 2013	NDIC Case No. 20793	DATE 8-29-13 CASE NO. 201959
		introduced By Samson
		F 1 11 11

Identified By Tackson

#### OF THE STATE OF NORTH DAKOTA

Case No. 20793

Application of Samson Resources Company for an order amending the field rules for the Ambrose-Bakken Pool so as to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, Township 163 North, Range 99 West, Divide County, North Dakota, authorizing the drilling of total not to exceed seven wells on said overlapping 1280-acre spacing unit and/or such other and further relief as appropriate.



#### **APPLICATION OF SAMSON RESOURCES COMPANY**

Samson Resources Company ("Samson"), for its application to the North Dakota Industrial Commission ("Commission"), respectfully states as follows:

1.

That Samson is the owner of an interest in the oil and gas leasehold estate in Sections 27 and 34, Township 163 North, Range 99 West, Divide County, North Dakota ("Sections 27 and 34").

2.

That Sections 27 and 34 are within the area defined by the Commission as the field boundaries for the Ambrose-Bakken Pool.

3.

That Samson desires to utilize the horizontal drilling technique to further develop the Ambrose-Bakken Pool underlying Sections 27 and 34.

4.

That it is the opinion of Samson that use of the horizontal drilling technique to further develop the Ambrose-Bakken Pool underlying Sections 27 and 34 will increase the ultimate recovery of the reservoir.

5.

That pursuant to Section 38-08-07 of the North Dakota Century Code, the Commission is empowered to divide any pool into separate zones and to modify its previous spacing order when necessary to prevent waste, avoid the drilling of unnecessary wells or to protect correlative rights.

6.

That in order to prevent waste, to avoid the drilling of unnecessary wells and to protect correlative rights, the field boundaries for the Ambrose-Bakken Pool should be amended so as to establish an overlapping 1280-acre spacing unit for the Ambrose-Bakken Pool for Sections 27 and 34, Township 163 North, Range 99 West, authorizing the drilling of total not to exceed seven wells on said overlapping 1280-acre spacing unit.

7.

That Samson, therefore, requests that the Commission enter an order amending the field rules for the Ambrose-Bakken Pool so as to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, Township 163 North, Range 99 West, Divide County, North Dakota, authorizing the drilling of total not to exceed seven wells on said overlapping 1280-acre spacing unit and/or such other and further relief as appropriate.

WHEREFORE, Samson requests the following:

- (a) That this matter be set for the regularly scheduled August 2013 hearings of the Commission;
- (b) That the Commission issue its order granting the relief requested and such other and further relief as the Commission may deem appropriate; and
- (c) That pursuant to Section 43-02-03-88.2 of the North Dakota Administrative Code, Samson's witnesses in this matter be allowed to participate by telephonic means.

**DATED** this \_\_\_\_\_/ day of July, 2013.



LAWRENCE BENDER, ND Bar #03908
Attorneys for Applicant,
Samson Resources Company
200 North 3<sup>rd</sup> Street, Suite 150
P. O. Box 1855
Bismarck, ND 58502-1855
(701) 221-4020

STATE OF NORTH DAKOTA )
) ss.
COUNTY OF BURLEIGH )

LAWRENCE BENDER, being first duly sworn on oath, deposes and says that he is the attorney for the applicant named herein, that he has read the foregoing application, knows the contents thereof, and that the same is true to the best of this about 's knowledge, and belief.

LAWRENCE LENDER

Subscribed and sworn to before me this \_\_\_\_\_ day of July, 2013.

My Commission Expires
June 26, 2017

NORTHOR

Notary Public
My Commission Expires:

6979435 1.DOC



July 24, 2013

Mr. Bruce Hicks Assistant Director North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310



RE: <u>APPLICATION OF SAMSON</u> RESOURCES COMPANY FOR

AUGUST 2013 HEARINGS

Dear Mr. Hicks:

Please find enclosed herewith for filing an APPLICATION OF SAMSON RESOURCES COMPANY.

As you will note, pursuant to N.D. Admin. Code § 43-02-03-88.2, Samson requests that its witnesses be allowed to participate at the hearing by telephonic means.

Should you have any questions, please advis



LB/leo

Enclosure

ce: Mr. Adam Pressnall - (w/enc.)

Attorneys & Advisors main 701.221.4020 fax 701.221.4040 www.fredlaw.com Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, North Dakota 58501-3879





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Affidavit of Publication State of North Dakota ) SS County of Burleigh Before me, a Notary Public for the State of North Dakota personally appeared who being duly sworn, deposes and says that he (she) is the Clerk of Bismarck Tribune Co. and that the publication (s) were made through the beautiful the publication (s) were made through the beautiful through the Signed Colonia S

sworn and subscribed to before me this day of August 20

Lung Notary Public in and for the State of North Dakota

> MORGAN DOLL Notary Public State of North Dakota My Commission Expires Jan 26, 2017

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#### NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

The North Dakota Industrial Commission will hold a public hearing at 9:00 a.m.
Thursday, August 29, 2013, at the N.D.
Oil & Gas Division, 1000 East Calgary
Ave., Bismarck, N.D. At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice.

PERSONS WITH DISABILITIES: the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Friday, August 16, 2013.

STATE OF NORTH DAKOTA TO:

Case No. 20779: Application of Armstrong Operating, Inc. for an order amending the field rules for the Moraine-Winnipegosis Pool to establish an additional Zone of spacing to create a 320-acre spacing unit comprised of the E/2 of Section 26,T.161N., R.98W., Divide County, ND, authorizing the recompletion of the Hanisch #26-1 well into the Moraine-Winnipegosis Pool within said spacing unit and such other relief as is

appropriate.

Case No. 20780: Application of Continental Resources, Inc. for an order amending the field rules for the Chimney Butte-Bakken Pool, Dunn County, ND, to alter the definition of the stratigraphic limits of the pool and such other relief as is appropriate. Case No. 20781: Application of Continental Resources, Inc. for an order amending the field rules for the Rattlesnake Point-Bakken Pool, Dunn County, ND, to alter the definition of the stratigraphic limits of the pool and such other relief as is appropriate. Case No. 20782: Application of Continental Resources, Inc. for an order to create and establish a 320-acre spacing and/or drilling unit comprised of the SE/4 of Section 8 and the NE/4 of Section 17, T.129N., R.104W., Bowman County, ND, authorizing the drilling of one horizontal well on said spacing and/or drilling unit in the Red River "C" and "D" Zones of the Medicine Pole Hills Field and such other relief as is appropriate.

Case No. 20468: (Continued) Application

of Continental Resources, Inc. for an order amending the field rules for the Indian Hill-Bakken Pool, McKenzie and Williams Counties, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such

until the same can be connected and such other relief as is appropriate.

Case-No. 20783: Application of Corinthian Exploration (USA) Corp. for an order amending the field rules for the Souris-Spearfish/Madison Pool to create and establish an overlapping 160-acre spacing unit comprised of the NE/4 of Section 34, T164M R78W Resignation. T.164N., R.78W., Bottineau County, ND, authorizing the drilling of a total of not more than five horizontal wells on said overlapping 160-acre spacing unit, eliminating any tool error requirements and

such other relief as is appropriate.

Case No. 20784: Application of Corinthian exploration (USA) Corp. for an order extending the field boundaries and mending the field rules for the Rothpearfish/Madison Pool, or in the alternative o establish Spearfish spacing in the Cimbel ield, to create and establish a 320-acre pacing unit comprised of the NE/4 of ection 20 and NW/4 of Section 21, 163N., R.78W., Bottineau County, ND,

uthorizing the drilling of a total not to xceed twelve wells on said spacing unit nd such other and further relief as is

ppropriate. ase No. 20785: Application of Corinthian xploration (USA) Corp. for an order xtending the field boundaries and nending the field rules for the Red Rock-pearfish Pool, or in the alternative to stablish Spearfish spacing in the Haram eld, to create and establish nineteen 320re spacing units comprised of the E/2 of section 15; SEM of Section 21 and SW/4 of section 22; NEM of Section 22 and NW/4 Section 23; SE/4 of Section 22 and SW/4 Section 23; NEL# of Section 23 and W/4 of Section 24; SE/4 of Section 23 and V/4 of Section 24; E/2 of Section 24; SE/4 Section 28 and SW/4 of Section 27; NE/4 Section 26 and NW/4 of Section 25; SE/4 Section 26 and SW/4 of Section 25; NE/4

of Section 33 and NW/4 of Section 34; SE/4 of Section 33 and SW/4 of Section 34; SE/4 of Section 34 and SW/4 of Section 35; NE/4 of Section 35 and NW/4 of Section 36; SE/4 Section 35 and SW/4 of Section 36; T.163N., R.77W.; and NE/4 of Section 25, T.163N., R.77W., and NW/4 of Section 30, T.163N., R.76W.; SE/4 of Section 25, T.163N., R.77W., and SW/4 of Section 30, T.163N., R.76W., NE/4 of Section 36, T.163N., R.77W., and NW/4 of Section 31, T.163N., R.76W., SE/4 of Section 36, T.163N., R.77W., and SW/4 of Section 31, T.163N., R.76W., Bottineau County, ND, authorizing the drilling of a total not to exceed twelve wells on each spacing unit and such other and further relief as

case No. 20786: Application of EOG Resources, Inc. for an order amending the field rules for the Parshall-Bakken Pool to create and establish an overlapping 1280acre spacing unit comprised of Sections 1 and 2, T.154N., R.90W., and to create and establish three overlapping 1920-acre spacing units comprised of Sections 34 and 35, T.154N., R.90W. and Section 2, T.153N., R.90W.; and Sections 9, 15 and 16; and Sections 26, 35 and 36, T.154N., R.90W., Mountrail County, ND, authorizing the drilling of a total of not more than three wells on said overlapping 1280-spacing unit and each overlapping 1920-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

ase No. 20787. Application of EOG Resources, Inc. for an order amending the field rules for Sections 1, 12, 13, 23, 26 and 35, T.159N., R.91W., Zone III of the Thompson Lake-Bakken Pool, Burke County, ND, authorizing rather than requiring the drilling of not more than a total of six wells on each 1920-acre spacing unit, and such other relief as is appropriate. Case No. 20490: (Continued) Application for an order amending the field rules for the Rosebud-Bakken Pool, Williams County, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such other relief as is appropriate. EOG Resources, Inc.; Triangle USA Petroleum

Corp.
Case No. 20493: (Continued) Application of EOG Resources, Inc. for an order amending the field rules for the Clear Water-Bakken Pool, Burke and Mountrail Counties, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such

other relief as is appropriate.

Case No. 20494: (Continued) Application of EOG Resources, Inc. for an order amending the field rules for the Kittleson Slough-Bakken Pool, Burke and Mountrail Counties, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such

other relief as is appropriate.

Case No. 20495: (Continued) Application for an order amending the field rules for the Parshall-Bakken Pool, McLeam and Mountrail Counties, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such other relief as is appropriate. EOG Resources, Inc.; Hunt Oil Co.; Sinclair Oil & Gas Co.

Case No. 20788: Application of Hunt Oil Co. for an order amending the field rules for the Werner-Bakken Pool to create and establish two overlapping 2560-acre spacing units comprised of Sections 13 and 24, T.146N., R.93W. and Sections 18 and 19, T.146N., R.92W.; and Sections 25 and 36, T.146N., R.93W. and Sections 30 and 31, T.146N., R.92W., Dunn County, ND, authorizing the drilling of one horizontal well on each overlapping 2560-acre spacing unit and such other relief as is appropriate. Case No. 20789: Application of Hunt Oil Co. for an order amending the field rules for the Wolf Bay-Bakken Pool to create and establish an overlapping 2560-acre spacing unit comprised of Sections 1, 2, 11 and 12, T.146N., R.93W., Dunn County, ND, authorizing the drilling of one horizontal well on said overlapping 2560-acre spacing unit and such other relief as is appropriate.

Case No. 20790: Application of Newfield Production Co. for an order amending the field rules for the Tobacco Garden-Bakken Pool, McKenzie County, ND, to create and establish an overlapping 2560-acre spacing unit comprised of Sections 5, 6, 7 and 8, T.150N., R.99W., authorizing the drilling of a horizontal well on or near the section line between Sections 5 and 8 and Sections 6 and 7, and such other relief as is appropriate.

Case No. 20791: Application of Newfield Production Co. for an order amending the field rules for the Lost Bridge-Bakken Pool to create and establish two overlapping 1280-acre spacing units comprised of Sections 4 and 9; and Sections 10 and 15, T.148N., R.96W., Dunn County, ND, authorizing the drilling of multiple wells on each overlapping 1280-acre spacing unit; and authorizing the drilling, completing and producing of multiple wells on each existing 640-acre spacing unit described as Sections 4, 10 and 15, T.148N., R.96W., Dunn County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20792: Application of Newfield Production Co. for an order requesting relief from Order No. 19656 of the Commission with respect to the provision of such order that requires the drilling of the second horizontal well in each 640-acre spacing unit comprised of Section I and Section 12, T.150N., R.100W., prior to the completion of any horizontal well in the standup 1280-acre spacing unit comprised of Sections 1 and 12, T.150N., R.100W., Sandrocks-Bakken Pool, McKenzie County, ND, and such other relief as is appropriate. Case No. 20793: Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool to create and establish an overlapping 1280acre spacing unit comprised of Sections 27 and 34,T.163N., R.99VV., Divide County, ND, authorizing the drilling of a total not to exceed seven wells on said overlapping 1280-acre spacing unit and such other relief

as is appropriate.

Case No. 20794: Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool, Divide County, ND, to create and establish an overlapping \$120-acre spacing unit comprised of Sections 14, 15, 22, 23, 26, 27, 34 and 35, T.163N., R.99W., authorizing the drilling of multiple wells on or near the section line on said spacing unit, and an overlapping 1280-acre spacing unit comprised of Sections 30 and 31, T.163N., R.98W., authorizing the drilling of multiple wells on said overlapping 1280acre spacing unit; eliminating any tool error requirements and such other relief as is

appropriate.

Case No. 20795: Application of Samson Resources Co. for an order amending the field rules for the West Ambrose-Bakken Pool to create and establish an overlapping 4160-acre spacing unit comprised of Sections 25 and 36, T.164N., R.100W., Sections 30 and 31, T.164N., R.99W., Sections I and 12, T.163N., R.100W., and Sections 6 and 7, T.163N., R.99W., Divide County, ND, authorizing the drilling of multiple wells on or near the section line on said spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20796: Application of Samson Resources Co. for an order amending the field rules for the Blooming Prairie-Bakken Pool to create and establish two overlapping 1280-acre spacing units comprised of Sections 4 and 9 and Sections and 8, T.162N., R.98W., Divide County, ND, authorizing the drilling of multiple wells on each overlapping 1280-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20797: Application of Slawson Exploration Co., Inc. for an order authorizing the drilling completing and producing of multiple multi-lateral horizontal wells in existing spacing units in the Stockyard Creek-Bakken Pool, Williams County, ND, in addition to any existing Bakken wells in said spacing units, with a portion of the vertical section of the well open to the Lodgepole Formation above the stratigraphic limits of the Bakken Pool and such other relief as is appropriate.

Case No. 20798: Application of Slawson Exploration Co., Inc. for an order amending the field rules for the Big Bend-Bakken Pool, Mountrail County, ND, to alter the definition of the stratigraphic limits of the pool and such other relief as is appropriate. Case No. 20799: Application of Slawson Exploration Co., Inc. for an order amending the field rules for the Ross-Bakken Pool, Mountrail County, ND, to alter the definition of the stratigraphic limits of the pool and such other relief as is appropriate. Case No. 20800: Application of Statoil Oil and Gas LP for an order amending the field rules for the Briar Creek-Bakken Pool to create and establish two 1440-acre spacing units comprised of the E/2 W/2 and E/2 of Sections 5, 8 and 17; and all of Sections 6, 7 and 18 and the W/2 W/2 of Sections 5, 8 and 17, T.152N., R.104W., McKenzie and Williams Counties, ND, authorizing the drilling of a total of not more than six wells on each 1440-acre spacing unit, eliminating any tool error requirements and such other

relief as is appropriate.

Case No. 20801:Application of Zenergy, Inc. for an order amending the field rules for the Foreman Butte-Bakken Pool to create and establish four overlapping 2560-acre spacing units comprised of Sections 13, 14 23 and 24; Sections 15, 16, 21 and 22; Sections 25, 26, 35 and 36; and Sections 27, 28, 33 and 34, T.150N., R.103W., McKenzie County, ND, authorizing the drilling of a total not to exceed six wells on each over-lapping 2560-acre spacing unit, eliminating any tool error requirements and such other

relief as is appropriate.

Case No. 20654: (Continued) Application of WPX Energy Williston, LLC for an order amending the field rules for the Reunion Bay-Bakken Pool to create and establish two 1280-acre spacing units comprised of Sections 23 and 26; and Sections 24 and 25, T.150N., R.93W., Mountrail and Dunn Counties, ND, authorizing the drilling of a total of not more than seven wells on each 1280-acre spacing unit, eliminating any tool error requirements and such other relief as

Case No. 20498: (Continued) Application of WPX Energy Williston, LLC for an order amending the field rules for the Moccasin Creek-Bakken Pool, Dunn County, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such other relief as is

appropriate.

Case No. 20500; (Continued) Application for an order amending the field rules for the Eagle Nest-Bakken Pool, Dunn and McKenzie Counties, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such other relief as is appropriate. Enerplus Resources (U.S.A.) Inc.; G3 Operating, LL.C.; and WPX Energy Williston, LLC

Case No. 20501: (Continued) Application for an order amending the field rules for the McGregory Buttes-Bakken Pool, Dunn County, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such other relief as is appropriate. Enerplus Resources (U.S.A.) Inc.; G3 Operating, LLC.; and WPX Energy Williston, LLC

Case No. 19901: (Continued) Application of Peregrine Petroleum Partners, Ltd. for an order extending the field boundaries and amending the field rules for the Covered Bridge-Bakken Pool or Pierre Creek-Bakken Pool to create and establish a 1280acre spacing unit comprised of Sections 15 and 22, T. 146N., R. 102W., McKenzie County, ND, authorizing the drilling of a total not to exceed two wells on said spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20658: (Continued) Application of Peregrine Petroleum Partners, Ltd. for an order amending the field rules for the Buckhorn-Bakken Pool to create and establish a 1280-acre spacing unit comprised of Sections 27 and 28, T.144N., R.102W., Billings County, ND, authorizing the drilling of a total not to exceed three horizontal wells on said 1280-acre wells on said 1280-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

of XTO Energy Inc. for an order amending the field rules for the Murphy Creek-Bakken Pool to, create and establish five overlapping 1280-acre spacing units comprised of Sections 33 and 34; Sections 34 and 35, T.145N., R.95W.; Section 33, T.145N., R.95W., Section 1, T.144N., R.96W.; Sections 2 and 11; and Sections 3 and 10, T.144N., R.96W., Dunn County, ND, authorizing the drilling of multiple wells on each overlapping 1280-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20662: (Continued) Application of XTO Energy Inc. for an order amending the field rules for the Siverston-Bakken Pool to create and establish an overlapping 1280-acre spacing unit comprised of Sections 17 and 20, T.150N., R.97W., McKenzie County, ND, authorizing the drilling of a total not to exceed ten wells on said overlapping 1280-acre spacing unit, and to create and establish an overlapping 2560-acre spacing unit comprised of Sections 29, 30, 31 and 32, T.150Ni, R.98W., McKenzie County, ND, authorizing the drilling of a horizontal well on said overlapping 2560-acre spacing unit, and such other relief as is appropriate.

acre spacing annual appropriate.

Case No. 20663: (Continued) Application of XTO Energy Inc. for an order authorizing the drilling, completing and producing of a total of ten wells on an existing 640-acre spacing unit described as Section 4, T.149N., R.97W., Siverston-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

eliminating any tool error requirements such other relief as is appropriate.

Case No. 20802: Application of Crescent Point Energy U.S. Corp. for an order oursuant to NDAC § 43-02-03-88, Ipooling all interests in a spacing unit described as Sections 25, 26, 35 and 36, T.164N., R.100W., West Ambrose-Bakken Pool, Divide County, ND as provided by NDCC Section 38-08-08 and such other relief as is appropriate.

Case No. 20803: Application of Crescent

Point Energy U.S. Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 27, 28, 33 and 34, T.164N., R.100W., West Ambrose-Bakken Pool, Divide County, ND as provided by NDCC Section 38-08-08 and such other relief as is appropriate

relief as is appropriate.

Case No. 20804: Application of Crescent Point Energy U.S. Corp. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 29, 30, 31 and 32, T.164N., R.100W., Colgan-Bakken Pool, Divide County, ND as provided by NDCC Section 38-08-08 and such other relief as is

appropriate.

Case No. 20805: Application of Crescent Point Energy U.S. Corp. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 26 and 35, T.158N., R.101W., Little Muddy-Bakken Pool, Williams County, ND as provided by NDCC Section 38-08-08 and such other relief as is appropriate.

Case No. 20806: In the matter of the petition for a risk penalty of Crescent Point Energy U.S. Corp. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the CPEUSC DeFrance #12-1-158N-100W well located n a spacing unit described as Sections I and 12, T.158N., R. 100W, Winner-Bakken Pool, Williams County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

case No. 20807: In the matter of the petition for a risk penalty of Fidelity Exploration & Production Co. requesting at order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-0 in the drilling and completing of the 3 Jack #3-4-33H well located in a spacing un described as Sections 33 and 34, T.154N 292W, and Sections 33 and 4, T.153N 2,92W, Sanish-Bakken Pool, Mountry County, ND, pursuant to NDAC 143-02-03-88.1, and such other relief as is suppropriate.

Case No. 20808: In the matter of the petition for a risk penalty of Fidelity Exploration & Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Kuntz #25-36H well located in a spacing unit described as Sections 25 and 36, T.140N., R.98W., Green River-Bakken Pool, Stark County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

appropriate.

Case No. 20809: In the matter of the petition for a risk penalty of Fidelity Exploration & Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Bauer #25-36H well located in a spacing unit described as Sections 25 and 36, T140N., R.98W, Green River-Bakken Pool, Stark County, ND, pursuant to NDAC § 43-02-03-88 I, and such other relief as is appropriate.

case No. 20810: In the matter of the petition for a risk penalty of Fidelity Exploration & Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Kubas #12-IH well located in a spacing unit described as Sections I and 12, T140N, R.98W, New Hradec-Bakken Pool, Kark County, ND, pursuant to NDAC § 43-02-03-88.I, and such other relief as is appropriate.

Case No. 20811: In the matter of the petition for a risk penalty of Fidelity Exploration.8 Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Ronald #11-32H well located in a spacing unit described as Section 32, T.155N., R.91W., Stanley-Bakken Pool, Mountrail County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 20812: Application of Continental Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 27 and 34, T.159N., R.99W., Burg-Bakken Pool, Williams County, ND, as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20813:Application of Continental Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests for wells drilled on the overlapping spacing unit described as Sections 7, 18, 19 and 30, T.145N., R.96W., Jim Creek-Bakken. Pool, Dunn County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20814: Application of Continental Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Section 31, T.147N., R.96W. and Sections 6, 7 and 18, T.146N., R.96W. Rattlesnake Point-Bakken Pool, Dunn County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20815: Application of Continental Resources, Inc. for an order authorizing the drilling, completing and producing of a total not to exceed fourteen wells on an existing overlapping 2560-acre spacing unit described as Section 31, T.147N., R.96W., and Sections 6, 7 and 18, T.146N., R.96W., Rattlesnake Point-Bakken Pool, Dunn County, ND, eliminating any tool error requirements and such other relief as is

Case No. 20816: Application of Continental Resources, Inc. for an order authorizing the drilling, completing and producing of a total not to exceed seven wells on an existing 1280-acre spacing unit described as Sections 19 and 30, T.146N., R.96W., Jim Creek-Bakken Pool, Dunn County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20817-Application of Continental Resources, Inc. for an order allowing the production from the following described wells: Rollefstad Federal #4-3H-2, Rollefstad Federal #5-3H-3, Rollefstad Federal #6-3H-2, located in Lot 3, Rollefstad Federal #7-3H-1, Rollefstad Federal #8-3H-3, Rollefstad Federal #9-3H, Rollefstad Federal #10-3H-2, located in Lot 2; Rollefstad Federal #11-3H-1, Rollefstad Federal #12-3H-3, Rollefstad Federal #12-3H-3, Rollefstad Federal 13-3H, Rollefstad Federal 14-3H-2, located in Lot 1; Section 3, T.152N-, R.94W, Antelope Field, McKenzie County, ND, to be produced into the Rollefstad Central Tank Battery or production facility located in Section 3, T.152N-, R.94W, McKenzie County, ND, as an exception to the provisions of NDAC § 43-02-03-48 pursuant to 43-02-03-48.1, and such other relief as is appropriate.

relief as is appropriate.

Case No. 20818: Application of Samson Resources Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 30 and 31, T.163N., R.98W., Ambrose-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20819: Application of Samson Resources Co. for an order pursuant to

Case No. 20819: Application of Samson Resources Co. For an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 4 and 9,T.162N., R.98W., Blooming Prairie-Bakken Pool, Divide County, ND, as provided by NDCC

§ 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20820: Application of Samson Resources Co. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests for wells drilled on the overlapping spacing unit described as Sections 5 and 8, T.162N, R.98W, Blooming Prairie-Bakken Pool, Divide County, ND, as provided by NDGC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20692: (Continued) Application of Samson Resources Co. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests for wells drilled on the overlapping spacing unit described as Sections 27 and 34, T.163N., R.99W., Ambrose-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20821: Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 18 and 19, T.152N., R.94W., McKenzie County, ND, Antelope-Sanish Pool, as provided by NDCC § 38-08-08 and such other relief as it consensitions.

McKenzie County, ND, Antelope-Sanish Pool, as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20822: Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 28 and 33, T.152N., R.94W., McKenzie County, ND, Antelope-Sanish Pool, as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20823; Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the E/2 of Section 29 and the E/2 of Section 32,T.152N., R.94W., McKenzie County, ND, Antelope-Sanish Pool, as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20824: Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 6, 7 and 18, T.150N., R.94W., McKenzie County, ND, Spotted Horn-Bakken Pool, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20825: Application of Enerplus Resources—(U.S.A.)—Inc. for an order authorizing the drilling, completing and producing of a total of ten wells on each existing 1280-acre spacing unit described as Sections 18 and 19 and Sections 28 and 33, T.152N. R.94W. Antelope-Sanish Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20826: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88. I pooling all interests for wells drilled on the overlapping spacing unit described as Sections 4 and 9, T.150N., R.92W., Van Hook-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief

on ones spacing ones and said as a sapropriate.

Case No. 20827: Application of WPX Energy Williston, LLC for an order authorizing the drilling, completing and producing of a total not to exceed seven wells on an existing 1280-acre spacing unit described as Sections 13 and 24, T.150N., R.92W., Van Hook-Bakken Pool, Mountrail County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20828: Application of WPX Energy Williston, LLC for an order authorizing the drilling, completing and producing of a total not to exceed eleven wells on each existing 1280-acre spacing unit described as Sections 29 and 32 and Sections 30 and 31, T.151N., R.94W., Antelope-Sanish Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

appropriate.

Case No. 20829: Application of WPX Energy Williston, LLC for an order authorizing the drilling, completing and producing of a total not to exceed eleven wells on an existing 1280-acre spacing unit described as Sections I and 2, T.150N., R.94W., Spotted Horn-Bakken Pool, McKenzie and Mountrail Counties, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20830: Application of WPX Energy Williston, LLC for an order authorizing the drilling, completing and producing of a total not to exceed eleven wells on an existing 1280-acre spacing unit described as Sections 18 and 19, T.149N., R.94W., Squaw Creek-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20831: Application of Corinthian Exploration (USA) Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the SE/4 of Section 2, T.163N., R.77W., North Souris-Spearfish Pool, Bottineau County, ND, as provided by NDCC § 38-08-08 and such other relief as is

g 36-00-00 and such outer formal appropriate.

Case No. 20832: Application of Corinthian Exploration (USA) Corp. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as the SW/4 of Section 3 and the SE/4 of Section 4, T.163N., R.77W., North Souris-Spearfish Pool, Bottineau County, ND, as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20833: Application of Corinthian

Case No. 20833: Application of Corinthian Exploration (USA) Corp. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as the NW/4 of Section 3 and the NE/4 of Section 4, T.163N., R.77W., North Souris-Spearfish Pool, Bottineau County, ND, as provided by NDCC § 38-08-08 and such other relief as is appropriate

other relief as is appropriate.

Case No. 20834: Application of EOG
Resources, Time: for an order pursuant to
NDAC § 43-02-03-88.1 pooling all interests
for wells drilled on the overlapping spacing
unit described as Sections 18 and 19,
T.155N., R.90W., Stanley-Bakken Pool,
Mountrail County, ND, as provided by
NDCC § 38-08-08 but not reallocating
production for wells producing on other
spacing units and such other relief as is
appropriate.

Case No. 20835: Application of EOG Resources, Inc. for an order authorizing the drilling, completing and producing of a total of not more than three wells on each existing 1280-acre spacing unit comprised of Sections 5 and 6; Sections 12 and 13, T.153N., R.90W.; and on each existing 1920-acre spacing unit comprised of Sections 9, 15 and 16; Sections 21, 22 and 27; Sections 22, 23 and 26; Sections 27, 28 and 34, T.153N., R.90W.; and Sections 5, 6 and 8, T.152N., R.90W. Parshall-Bakken Pool, Mountrail County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20836: Application of Slawson Exploration Co., Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Lots 5,6,7,8, and 9, the SESE, plus those portions of the bed of the Missouri River and the accretions to Lots 5,6,8, and 9 lying within the Fort Berthold Indian Reservation in Section 11, and Lots 5, 6, 7, and 8, and the S/2 S/2 of Section 12, T.152N., R.93W., Sanish-Bakken Pool, Mountrail and McKenzie Counties, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20837: Application of Slawson

Exploration Co., Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 26 and 35, T.152N., R.93W., Big Bend-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

as is appropriate.

Case No. 20838: Application of Slawson Exploration Co., Inc. for an order authorizing the drilling, completing and producing of a total of six wells on each existing 640-acre spacing unit described as Section 13; Section 14; and Section 15, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND, eliminating any tool error requirements and such other relief as is appropriate.

relief as is appropriate.

Case No. 20839: Application of Slawson Expforation Co., Inc. for an order authorizing the drilling, completing and producing of a total of seven wells on an existing 1280-acre spacing unit described as Sections 1 and 12, T.148N., R.100W., Bully-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20840: Application of Slawson Exploration Co., Inc. for an order authorizing the drilling, completing and producing of a total of seven wells on an existing 1280-acre spacing unit described as Sections 9 and 16, T.158N., R.94W, East Tioga-Bakken Pool, Mountrail County, ND, eliminating any tool error requirements and

such other relief as is appropriate.

Case No. 2084!: In the matter of the petition for a risk penalty of Triangle USA Petroleum Corp. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Steen #149-101-13-24-1H well located in a spacing unit described as Sections 13 and 24, T.149N., R.101W, Antelope Creek-Bakken Pool, McKenzie County, North Dakota, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 20842: In the matter of the

petition for a risk penalty of Triangle USA. Petroleum Corporation requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Steen #149-101-13-24-3H well located in a spacing unit described as Sections 13 and 24, T.149N., R.101W., Antelope Creek-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-3-88.I, and such other relief as is appropriate.

Case No. 20843: Application of Mountain Divide, LLC for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 26 and 35,T.163N., R.101W., in a field yet to be determined in the Bakken Pool, Divide County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20844: In the matter of the peution for a risk penalty of Baytex Energy USA Ltd. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Twin Buttle #17-20-162-99H 1BP well located in a spacing unit described as Sections 17 and 20, T.162N., R.99W., Ambrose-Bakken Pool, Divide County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 20845: In the matter of the petition for a risk penalty of Baytex Energy USA Ltd. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Haugenoe #21-16-162-99H IPB well located in a spacing unit described as Sections 16 and 21, T.162N., R.99W., Ambrose-Bakken Pool, Divide County, ND, pursuant to NDAC § 43-02-03-88.1 and such other relief as is

appropriate.

Case No. 20846: In the matter of the petition for a risk penalty of Newfield Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Johnsrud #150-98-6-7-1H well located in a spacing unit described as Sections 6 and 7, T. ISON., R-98W., Siverston-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is

appropriate.

Case No. 20847:—In the matter of the petition for a risk penalty of Newfield Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Johnsrud #150-98-6-7-2H well located in a spacing unit described as Sections 6 and 7,T.150N., R.98W., Siverston-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 20848: In the matter of the petition for a risk penalty of Newfield Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Johnsrud #150-98-6-7-3H well located in a spacing unit described as Sections 6 and 7, T.150N., R98W. Siverston-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is

appropriate.

Case No. 20849: Application of Hunt Oil
Co. for an order authorizing the drilling,
completing and producing of a total not to
exceed five wells on each existing 1280acre spacing unit described as Sections I
and 12 and Sections 2 and II, T.I46N.,
R.93W., Wolf Bay-Bakken Pool, Dunn
County, ND, eliminating any tool error
requirements and such other relief as is
appropriate.

Case No. 20850: Application of Hunt Oil Co. for an order authorizing the drilling, completing and producing of a total not to exceed five wells on each existing 1280-acre spacing unit described as Sections 13 and 24; Sections 25 and 36,T.146N., R.93W.; Sections 18 and 19; and Sections 30 and 31, T.146N., R.92W., Werner-Bakken Pool, Dunn County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20851; Application of Legacy Oil & Gas ND, Inc. for an order allowing the production from the Legacy Et Al Berge #13-6 2H well, located in SWSW of Section 6, T.163N., R.76W., North Souris Field, Bottineau County, ND, to be produced into the Legacy Et Al Berge 13-6H Central Tank Battery or production facility located in Section 6, T.163N., R.76W., Bottineau County, ND, as an exception to the provisions of NDAC § 43-02-03-48 pursuant to 43-02-03-48. I, and such other relief as is appropriate.

Case No. 20852: Application of Legacy Oil & Gas ND, Inc. for an order allowing the production from the Legacy Et Al Berge #5 7 2H well, located in SWNW of Section 7, T.163N., R.76W, Red Rock Field, Bottineau County, ND, to be produced into the Legacy Et Al Berge 5-7H Central Tank Battery or production facility located in Section 7, T.163N., R.76W, Bottineau County, ND, as an exception to the provisions of NDAC § 43-02-03-48 pursuant to 43-02-03-48 I, and such other relief as is appropriate.

Signed by, Jack Dalrymple, Governor Chairman, ND Industrial Commission 8/9 - 609756



State of North Dakota, County of Divide, ss:

l, Cecile L. Krimm, being first duly sworn, on my oath, say that lam the publisher of The Journal, a weekly newspaper of general circulation and official newspaper of Divide County, State of North Dakota, published in the city of Crosby, ND, and that the advertisement headed

## NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

a printed copy of which is here attached, was published in The Journal on the following date:

Signed Cecile L. Kun

Cecile L. Krimm, Publisher

Subscribed and sworn to before me August 7, 2013

Notary Public, State of North Dakota

HOLLY R. ANDERSON
Notary Public
State of North Dakota
My Commission Expires July 18, 2018

#### NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

The North Dakota Industrial Commission will hold a public hearing at 9:00 a.m. Thursday, August 29, 2013, at the N.D. Oil & Gas Division, 1000 East Calgary Ave., Bismarck, N.D. At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice.

PERSONS WITH DISABILI-TIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Friday, August 16, 2013.

STATE OF NORTH DAKOTA

Case No. 20779: Application of Armstrong Operating, Inc. for an order amending the field rules for the Moraine-Winnipegosis Pool to establish an additional Zone of spacing to create a 320-acre spacing unit comprised of the E/2 of Section 26, T.161N., R.98W., Divide County, ND, authorizing the recompletion of the Hanisch #26-1 well into the Moraine-Winnipegosis Pool within as is appropriate. Case No. 20793: Co. for an order amending the field rules for the Ambrose-Bakken Pool to create and establish an overlapping 1280-acre spacing unit comprised of Sections 27 and 34, T.163N., R.99W., Divide County, ND, authorizing the drilling of a total not to exceed seven wells on said overlapping 1280-acre spacing unit and such other relief as is appropriate.

Case No. 20794: Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool, Divide County, ND, to create and establish an overlapping 5120-acre spacing unit comprised of Sections 14, 15, 22, 23, 26, 27, 34 and 35, T.163N., R.99W., authorizing the drilling of multiple wells on or near the section line on said spacing unit, and an overlapping 1280-acre spacing unit comprised of County, ND as provided by NDCC

Sections 30 and 31, T.163N., R.98W., authorizing the drilling of multiple wells on said overlapping 1280-acre spacing unit; eliminating any tool error requirements and such other relief as is appropriate.

Case No. 20795: Application of Samson Resources Co. for an order amending the field rules for the West Ambrose-Bakken Pool to create and establish an overlapping 4160-acre spacing unit comprised of Sections 25 and 36, T.164N., R.100W., Sections 30 and 31, T.164N., R.99W., Sections 1 and 12, T.163N., R.100W., and Sections 6 and 7, T.163N., R.99W., Divide County, ND, authorizing the drilling of multiple wells on or near the section line on said spacing unit, eliminating any tool error requirements and such other relief as is appropriate. Case No. 20796: Application of Samson Resources Co. for an order amending the field rules for the Blooming Prairie-Bakken Pool to create and establish two overlapping 1280-acre spacing units comprised said spacing unit and such other relief of Sections 4 and 9 and Sections 5 and 8, T.162N., R.98W., Divide Application of Samson Resources County, ND, authorizing the drilling of multiple wells on each overlapping 1280-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

> Case No. 20802; Application of Crescent Point Energy U.S. Corp. for an order pursuant to NDAC § 43-02-03-88, 1 pooling all interests in a spacing unit described as Sections 25, 26, 35 and 36, T.164N., R.100W., West Ambrose-Bakken Pool, Divide County, ND as provided by NDCC Section 38-08-08 and such other relief as is appropriate.

> Case No. 20803: Application of Crescent Point Energy U.S. Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 27, 28, 33 and 34, T.164N., R.100W., West Ambrose-Bakken Pool, Divide

Section 38-08-08 and such other relief as is appropriate.

Case No. 20804: Application of Crescent Point Energy U.S. Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 29, 30, 31 and 32, T.164N., R.100W., Colgan-Bakken Pool, Divide County, ND as provided by NDCC Section 38-08-08 and such other relief as is appropriate.

Case No. 20818: Application of Samson Resources Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as

Sections 30 and 31, T.163N., R.98W., Ambrose-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20819: Application of Samson Resources Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 4 and 9, T.162N., R.98W., Blooming Prairie-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20820: Application of Samson Resources Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 5 and 8, T.162N., R.98W., Blooming Prairie-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20692: (Continued) Application of Samson Resources Co. for an order pursuant to NDAC

§ 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 27 and 34, T.163N., R.99W., Ambrose-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 20843: Application of Mountain Divide, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 26 and 35. T.163N., R.101W., in a field yet to be determined in the Bakken Pool, Divide County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 20844: In the matter of the petition for a risk penalty of Baytex Energy USA Ltd. requesting an order authorizing the recovery of a risk penalty from certain nonparticipating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Twin Butte #17-20-162-99H 1BP well located in a spacing unit described as Sections 17 and 20, T.162N., R.99W., Ambrose-Bakken Pool, Divide County, ND, pursuant to NDAC § 43-02-03-88.1,

and such other relief as is appropriate.

Case No. 20845: In the matter of the petition for a risk penalty of Baytex Energy USA Ltd. requesting an order authorizing the recovery of a risk penalty from certain nonparticipating owners, as provided by NDCC § 38-08-08 in the drilling and completing of the Haugenoe #21-16-162-99H 1PB well located in a spacing unit described as Sections 16 and 21, T.162N., R.99W., Ambrose-Bakken Pool, Divide County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

> Signed by, Jack Dalrymple, Governor Chairman, ND Industrial (8-7)