

BEFORE THE INDUSTRIAL COMMISSION
OF THE STATE OF NORTH DAKOTA

CASE NO. 18214
ORDER NO. 20483

IN THE MATTER OF A HEARING CALLED ON
A MOTION OF THE COMMISSION TO
CONSIDER THE APPLICATION OF HESS
CORP. FOR AN ORDER ESTABLISHING FIVE
1280-ACRE DRILLING OR SPACING UNITS
CONSISTING OF SECTIONS 4 AND 9;
SECTIONS 17 AND 20; SECTIONS 18 AND 19;
AND SECTIONS 29 AND 32, T.140N., R.95W.;
AND SECTIONS 26 AND 35, T.140N., R.96W.,
STARK COUNTY, ND, AND ALLOWING A
HORIZONTAL WELL TO BE DRILLED IN THE
BAKKEN FORMATION ON EACH SUCH
SPACING UNIT, AND SUCH OTHER RELIEF AS
IS APPROPRIATE.

TEMPORARY ORDER OF THE COMMISSION

THE COMMISSION FINDS:

- (1) This cause came on for hearing at 9:00 a.m. on the 25th day of July, 2012.
- (2) The witnesses for Hess Corporation (Hess) 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 August 1, 2012; therefore, such testimony may be considered evidence.
- (3) Hess made application to the Commission for an order establishing five 1280-acre drilling or spacing units consisting of Sections 26 and 35, Township 140 North, Range 96 West (Sections 26 and 35); Sections 4 and 9; Sections 17 and 20; Sections 18 and 19; and Sections 29 and 32, Township 140 North, Range 95 West (Sections 4, 9, 17, 20, 18, 19, 29, and 32), Stark County, North Dakota, and allowing a horizontal well to be drilled in the Bakken Formation on each such spacing unit, and such other relief as is appropriate.
- (4) Sections 26 and 35 are adjacent or adjoining to the Dickinson Field.
- (5) Order No. 19478 entered in Case No. 17209, the most recent spacing order for the Dickinson-Bakken Pool, established temporary spacing for the development of Zone I at one

horizontal well per 1280 acres, Zone II at up to four horizontal wells per 1280 acres, and Zone III at up to six horizontal wells per 1280 acres.

(6) Section 20, the SE/4 of Section 19, and the NW/4 of Section 29 are within the Davis Buttes Field.

(7) Case No. 16626 heard on the January 18, 2012 docket, is an application by Hess for an order extending the outline and amending the applicable orders for the Simon Butte-Bakken Pool to include Sections 6 and 7, Township 140 North, Range 95 West, Stark County, North Dakota, as a 1280-acre spacing unit and allow up to six horizontal wells to be drilled thereon, and such other relief as is appropriate. Order No. 18895 entered in Case No. 16626 established the Davis Buttes-Bakken Pool and included Sections 4, 9, 17, 20, 18, 19, 29, and 32 within the Davis Buttes Field.

(8) There are no wells currently permitted to or producing from the Bakken Pool in Sections 26, 35, 4, 9, 17, 20, 18, 19, 29, or 32.

(9) Hess proposes to develop each standup 1280-acre spacing unit described as Sections 26 and 35; Sections 4 and 9; Sections 17 and 20; Sections 18 and 19; and Sections 29 and 32 by drilling a horizontal well in the upper Three Forks Formation in the Bakken Pool approximately down the long axis of the spacing unit. 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 Dickinson-Bakken Pool or NDAC Section 43-02-03-18. 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.

(10) The Commission will take administrative notice of the testimony given in Case No. 12246 which was scheduled on a motion of the Commission to consider amending the current Bakken Pool field rules to eliminate or reduce the setbacks currently established for the heel and toe of horizontal wells in North Dakota, and such other relief as is appropriate, heard on March 23, 2010. Order No. 14498 entered in Case No. 12246 amended all current 660 or 500-foot setback requirements in any established Bakken Pool spacing unit or drilling unit relative to the heel and toe of a horizontal well to 200 feet.

(11) There were no objections to this application.

(12) If Hess' 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.

IT IS THEREFORE ORDERED:

(1) Sections 26 and 35, Township 140 North, Range 96 West, Stark County, North Dakota, are hereby established as a standup 1280-acre spacing unit for the exclusive purpose of drilling one horizontal well within said spacing unit within the Dickinson-Bakken Pool and Zone I 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) Sections 4 and 9; Sections 17 and 20; Sections 18 and 19; and Sections 29 and 32, Township 140 North, Range 95 West, Stark County, North Dakota, are hereby established as standup 1280-acre spacing units for the exclusive purpose of drilling one horizontal well within each said spacing unit within the Davis Buttes-Bakken Pool and Zone I is hereby created to include said spacing units. Existing and future vertical and directional wells drilled within the spacing units herein established shall not be subject to this order.

(3) 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 units 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.

(4) The operator of the first producing well in the Dickinson-Bakken Pool shall submit exhibits to be included in the record for Case No. 16305 similar to those typically submitted in a temporary spacing hearing. Such exhibits shall be submitted within 120 days after completing said well.

(5) Provisions established herein for the Dickinson-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 (6) below shall not be subject to this order.

(6) The Dickinson Field is hereby redefined as the following described tracts of land in Stark County, North Dakota:

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM
ALL OF SECTIONS 13, 14, 15, 22, 23, 24, 25, 26, 27, 33, 34, 35 AND 36,

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM
ALL OF SECTIONS 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32, 33 AND 35,

TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM
ALL OF SECTIONS 1, 2*, 3* AND 10*,

*The SW/4 SE/4, the S/2 SW/4, and the S/2 NW/4 SW/4 of Section 2, the E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

TOWNSHIP 139 NORTH, RANGE 96 WEST, 5TH PM
ALL OF SECTIONS 5 AND 6.

(7) The Dickinson-Bakken Pool is hereby redefined as the following described tracts of land in Stark County, North Dakota:

ZONE I (1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM
ALL OF SECTIONS 13, 14, 23, 24, 25, 26, 27, 34, 35 AND 36,

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM
ALL OF SECTIONS 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26 AND 35,

TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM
ALL OF SECTIONS 3* AND 10*.

*The E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

ZONE II (4/1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM
ALL OF SECTIONS 15 AND 22.

ZONE III (6/1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM
ALL OF SECTIONS 5 AND 8.

(8) The Dickinson-Bakken Pool is hereby defined as that accumulation of oil and gas found in the interval from below the base of the Lodgepole Formation to 100 feet below the top of the Three Forks Formation within the limits of the field as set forth above.

(9) The temporary spacing for the development of Zone I in the Dickinson-Bakken Pool is hereby set at one horizontal well per standup 1280-acre spacing unit.

(10) All portions of the well bore not isolated by cement of any horizontal well in Zone I in the Dickinson-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.

(11) Sections 13 and 24; Sections 14 and 23; Sections 25 and 36; Sections 26 and 35; Sections 27 and 34, Township 140 North, Range 97 West; Sections 6 and 7; Sections 14 and 23; Sections 15 and 22; Sections 16 and 21; Sections 17 and 20; Sections 18 and 19; Sections 26 and 35, Township 140 North, Range 96 West; and Sections 3* and 10*, Township 139 North, Range 97 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone I in the Dickinson-Bakken Pool.

*The E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

(12) Spacing units hereafter created in Zone I in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(13) Zone I in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(14) The temporary spacing for the development of Zone II in the Dickinson-Bakken Pool is hereby set at up to four horizontal wells per standup 1280-acre spacing unit.

(15) All portions of the well bore not isolated by cement of any horizontal well in Zone II in the Dickinson-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.

(16) Sections 15 and 22, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby designated a standup 1280-acre spacing unit in Zone II in the Dickinson-Bakken Pool.

(17) Spacing units hereafter created in Zone II in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(18) Zone II in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(19) The temporary spacing for the development of Zone III in the Dickinson-Bakken Pool is hereby set at up to six horizontal wells per standup 1280-acre spacing unit.

(20) All portions of the well bore not isolated by cement of any horizontal well in Zone III in the Dickinson-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.

(21) Sections 5 and 8, Township 140 North, Range 96 West, Stark County, North Dakota, are hereby designated a standup 1280-acre spacing unit in Zone III in the Dickinson-Bakken Pool.

(22) Spacing units hereafter created in Zone III in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(23) Zone III in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(24) The operator of any horizontally drilled well in the Dickinson-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.

(25) 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 Dickinson-Bakken Pool.

(26) 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 Dickinson-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 Dickinson-Bakken Pool as the Commission deems appropriate.

(27) No well shall be hereafter drilled or produced in the Dickinson-Bakken Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.

(28) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Dickinson-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 shall have 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 manner to protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to 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 shall have 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.

(29) 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 Dickinson-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 7450 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.

(30) No saltwater, drilling mud, crude oil, or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.

(31) For the purposes of division of production to owners of interests in spacing units established by this order, and proven productive prior to the date hereof, this order shall be retroactive to the date of first production.

(32) All wells in the Dickinson-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.

(33) If the flaring of gas produced with crude oil from the Dickinson-Bakken Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.

(34) This portion of this order shall cover all of the Dickinson-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and shall continue in full force and effect until the 31st day of May, 2015. If the Dickinson-Bakken Pool is still producing, the proper spacing for the pool will be considered by the Commission on or before its regularly scheduled hearing date in April, 2015. If, however, the Dickinson-Bakken Pool is no longer producing when the proper spacing is to be considered, the Commission, at its own discretion, may refrain from scheduling a proper spacing hearing and may, without further notice, enter an order dismissing the proper spacing matter.

(35) The operator of the first producing well in the Davis Buttes-Bakken Pool shall submit exhibits to be included in the record for this case, Case No 16626, similar to those typically submitted in a temporary spacing hearing. Such exhibits must be submitted within 120 days after completing said well.

(36) Provisions established herein for the Davis Buttes-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 (37) below shall not be subject to this order.

(37) The Davis Buttes Field is hereby redefined as the following described tracts of land in Stark County, North Dakota:

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM
ALL OF SECTIONS 25 AND 36,

TOWNSHIP 140 NORTH, RANGE 95 WEST, 5TH PM
ALL OF SECTIONS 4, 5, 6, 7, 8, 9, 17, 18, 19, 20, 29, 30, 31 AND 32.

(38) The Davis Buttes-Bakken Pool is hereby defined as the following described tracts of land in Stark County, North Dakota:

ZONE I (1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM
ALL OF SECTIONS 25 AND 36,

TOWNSHIP 140 NORTH, RANGE 95 WEST, 5TH PM
ALL OF SECTIONS 4, 9, 17, 18, 19, 20, 29, 30, 31 AND 32.

ZONE II (6/1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 95 WEST, 5TH PM
ALL OF SECTIONS 5, 6, 7, AND 8.

(39) The Davis Buttes-Bakken Pool is hereby defined as that accumulation of oil and gas found in the interval from below the base of the Lodgepole Formation to 100 feet below the top of the Three Forks Formation within the limits of the field as set forth above.

(40) The temporary spacing for the development of Zone I in the Davis Buttes-Bakken Pool is hereby set at one horizontal well per 1280-acre spacing unit.

(41) All portions of the well bore not isolated by cement of any horizontal well in Zone I in the Davis Buttes-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 25 and 36, Township 140 North, Range 96 West; Sections 4 and 9; Sections 17 and 20; Sections 18 and 19; Sections 29 and 32; and Sections 30 and 31, Township 140 North, Range 95 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone I in the Davis Buttes-Bakken Pool.

(43) Spacing units hereafter created in Zone I in the Davis Buttes-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(44) Zone I in the Davis Buttes-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(45) The temporary spacing for the development of Zone II in the Davis Buttes-Bakken Pool is hereby set at up to six horizontal wells per standup 1280-acre spacing unit.

(46) All portions of the well bore not isolated by cement of any horizontal well in Zone II in the Davis Buttes-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.

(47) Sections 5 and 8; and Sections 6 and 7, Township 140 North, Range 95 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone II in the Davis Buttes-Bakken Pool.

(48) Spacing units hereafter created in Zone II in the Davis Buttes-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.

(49) Zone II in the Davis Buttes-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

(50) The operator of any horizontally drilled well in the Davis Buttes-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.

(51) 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 Davis Buttes-Bakken Pool.

(52) 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 Davis Buttes-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 Davis Buttes-Bakken Pool as the Commission deems appropriate.

(53) No well shall be drilled or produced in the Davis Buttes-Bakken Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.

(54) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Davis Buttes-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.

(55) 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 Davis Buttes-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 7300 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.

(56) 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.

(57) For the purposes of division of production to owners of interests in spacing units established by this order, and proven productive prior to the date hereof, this order shall be retroactive to the date of first production.

(58) All wells in the Davis Buttes-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.

(59) If the flaring of gas produced with crude oil from the Davis Buttes-Bakken Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.

(60) This portion of this order shall cover all of the Davis Buttes-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and continues in full force and effect until the 30th day of September, 2015. If the Davis Buttes-Bakken Pool is still producing, the proper spacing for the pool will be considered by the Commission on or before its regularly scheduled hearing date in August, 2015. If, however, the Davis Buttes-Bakken Pool is no longer producing when the proper spacing is to be considered, the Commission, at its own discretion, may refrain from scheduling a proper spacing hearing and may, without further notice, enter an order dismissing the proper spacing matter.

Dated this 10th day of September, 2012.

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

By the Director, on behalf of the Commission

/s/ Lynn D. Helms, Director

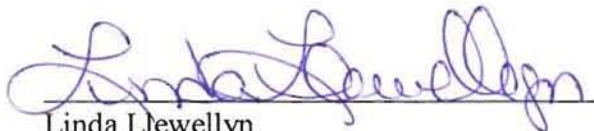
STATE OF NORTH DAKOTA

AFFIDAVIT OF MAILING

COUNTY OF BURLEIGH

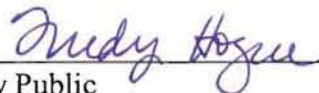
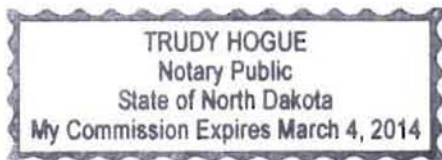
I, Linda Llewellyn, being duly sworn upon oath, depose and say: That on the 21st day of September, 2012 enclosed in separate envelopes true and correct copies of the attached Order No. 20483 of the North Dakota Industrial Commission, and deposited the same with the United States Postal Service in Bismarck, North Dakota, with postage thereon fully paid, directed to the following persons by the Industrial Commission in Case No. 18214:

JOHN MORRISON
CROWLEY FLECK PLLP
PO BOX 2798
BISMARCK ND 58502-2798



Linda Llewellyn
Oil & Gas Division

On this 21st day of September, 2012 before me personally appeared Linda Llewellyn 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.



Notary Public
State of North Dakota, County of Burleigh

Kadrmass, Bethany R.

From: Lisa Herberholz <lherberholz@crowleyfleck.com>
Sent: Wednesday, August 01, 2012 1:43 PM
To: Hicks, Bruce E.
Cc: Kadrmass, Bethany R.
Subject: Telephonic Affidavits
Attachments: Hess - Wallace Telephonic Aff 18214.pdf; Hess - Albrecht Telephonic Aff 18213.pdf; Hess - Kalitsun Telephonic Aff 18214.pdf; Hess - Porath Telephonic Aff 18213& 18214.pdf; Hess - Ruppert Telephonic Aff 18213.pdf; Hess - Schrutka Telephonic Aff 18213.pdf

Please see the attached telephonic affidavits in Case Nos. 18213 and 18214. Thank you.

Lisa

CROWLEY | FLECK PLLP
ATTORNEYS

Lisa Herberholz

Administrative Assistant
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TELEPHONIC COMMUNICATION AFFIDAVIT
Industrial Commission of North Dakota
Oil and Gas Division
600 East Boulevard, Dept. 405
Bismarck, ND 58505-0840

This affidavit is made to comply with North Dakota Administrative Code Section 43-02-03-88.2.


I, Macey Wallace, do hereby confirm that I presented testimony under oath in North Dakota Industrial Commission Case Number 18214 on July 25, 2012. My testimony was presented by telephone from (866) 844-3871, Hess Corporation, 1501 McKinney Street, Houston, TX 77010.


(Affiant's Signature)

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

On July 25, 2012, Macey Wallace, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that she executed the same as a free act and deed.

(S E A L)


Notary Public
State of Texas, County of Harris
My Commission Expires: 2-27-16



TELEPHONIC COMMUNICATION AFFIDAVIT

Industrial Commission of North Dakota

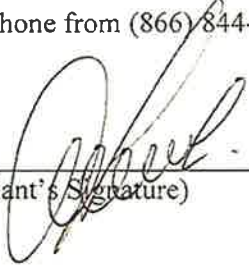
Oil and Gas Division

600 East Boulevard, Dept. 405

Bismarck, ND 58505-0840

This affidavit is made to comply with North Dakota Administrative Code Section 43-02-03-88.2.

I, Viktor Kalitsun, do hereby confirm that I presented testimony under oath in North Dakota Industrial Commission Case Number 18214 on July 25, 2012. My testimony was presented by telephone from (866) 844-3871, Hess Corporation, 1501 McKinney Street, Houston, TX 77010.



(Affiant's Signature)

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

On July 25, 2012, Viktor Kalitsun, 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.

(SEAL)




Notary Public
State of Texas, County of Harris
My Commission Expires: 2-27-16

TELEPHONIC COMMUNICATION AFFIDAVIT

Industrial Commission of North Dakota

Oil and Gas Division

600 East Boulevard, Dept. 405

Bismarck, ND 58505-0840

This affidavit is made to comply with North Dakota Administrative Code Section 43-02-03-88.2.

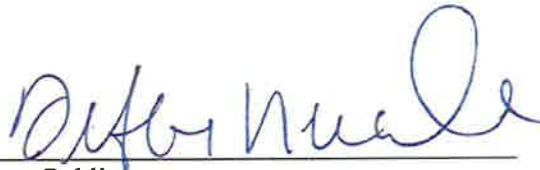
I, Adam Porath, do hereby confirm that I presented testimony under oath in North Dakota Industrial Commission Case Numbers 18213 and 18214 on July 25, 2012. My testimony was presented by telephone from (866) 844-3871, Hess Corporation, 1501 McKinney Street, Houston, TX 77010.


(Affiant's Signature)

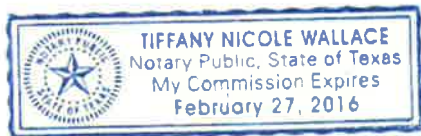
STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

On July 25, 2012, Adam Porath, 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.

(SEAL)



Notary Public
State of Texas, County of Harris
My Commission Expires: 2-27-16



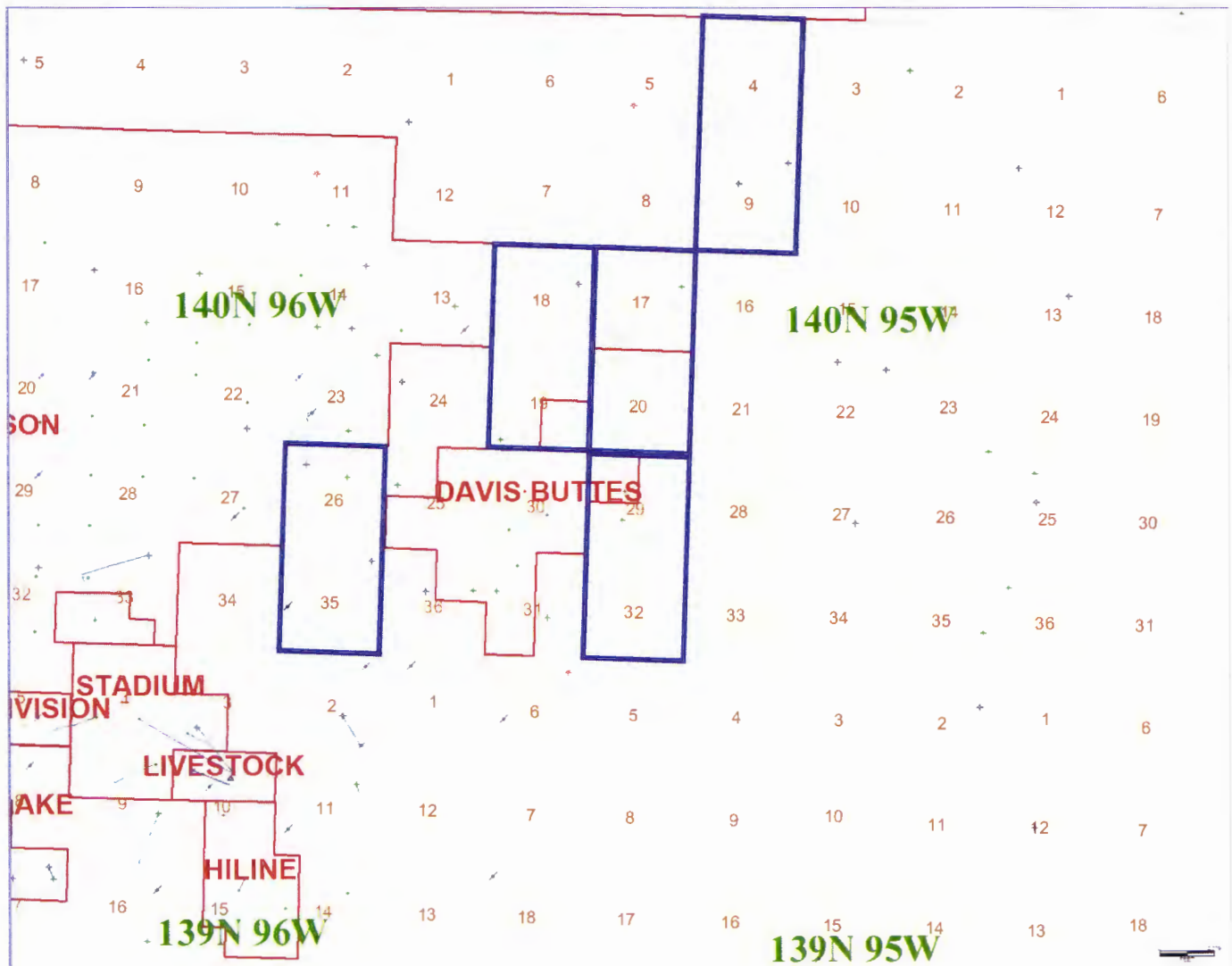


Application of Hess Corp. for an order establishing five 1280-acre drilling or spacing units consisting of Sections 4 and 9; Sections 17 and 20; Sections 18 and 19; and Sections 29 and 32, T.140N., R.95W.; and Sections 26 and 35, T.140N., R.96W., Stark County, ND, and allowing a horizontal well to be drilled in the Bakken Formation on each such spacing unit, and such other relief as is appropriate.

North Dakota Industrial Commission

Case # 18214
July 25, 2012

Location Map – Davis Buttes , Stark County, ND



- WELL SYMBOLS**
- Location Only
 - Well Drilling
 - Waiting on Completion
 - Oil Well
 - Abandoned Well
 - Gas Well
 - Injection Well
 - Permit Canceled
 - Oil & Gas Well
 - Dry Hole
 - Plugged and Abandoned
 - Service Well
 - Temporarily Abandoned
 - Abandoned Oil Well
 - Abandoned GAS Well

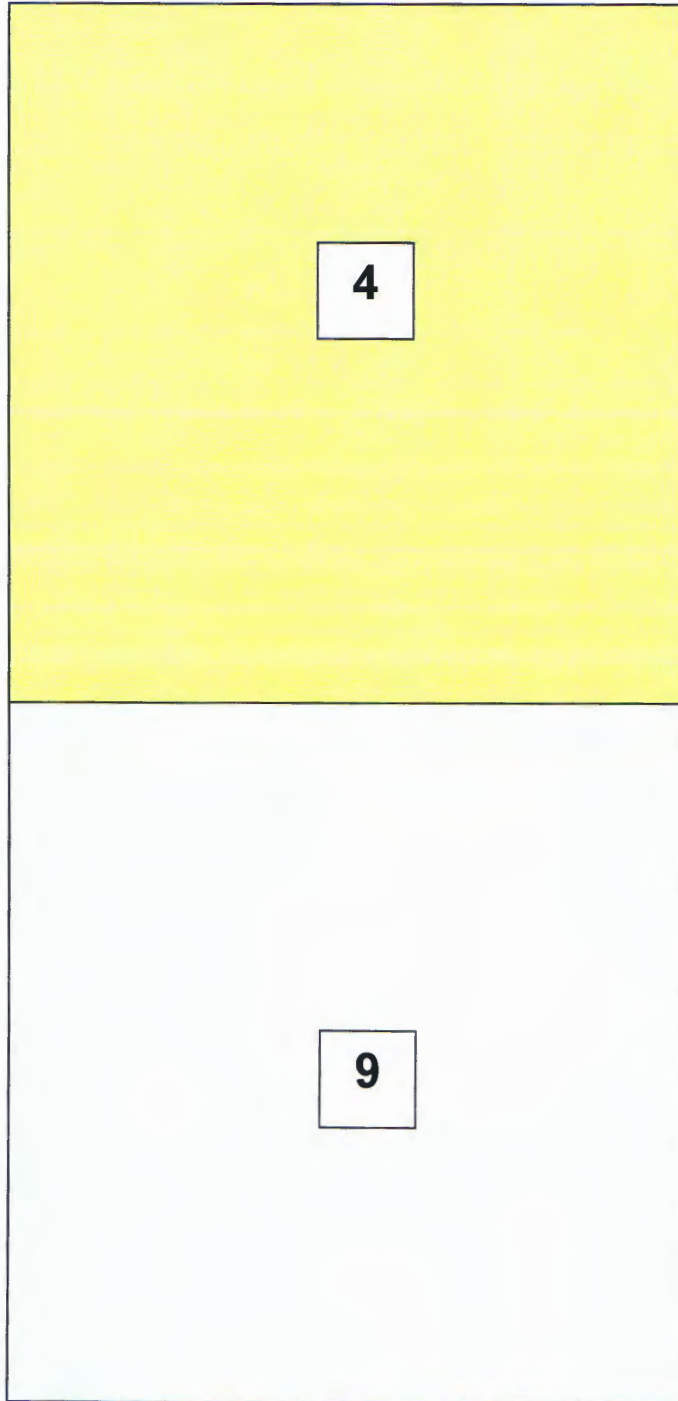
Note: Well symbols are located at BHL

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA
DATE 7/25/12 CASE NO. 18214
Introduced By Hess
Exhibit 1
Identified By Wallace

Case # 18214
7/25/2012
Exhibit # 1

RC-UNNAMED-140-95-0409

Sections 4 & 9
Stark County, ND



Hess Bakken Investments II	33.77%
Others	66.23%
<u>Total</u>	<u>100.00%</u>

INDUSTRIAL COMMISSION

STATE OF NORTH DAKOTA

DATE 7/25/12 CASE NO. 18214

Introduced By Hess

Exhibit 2a

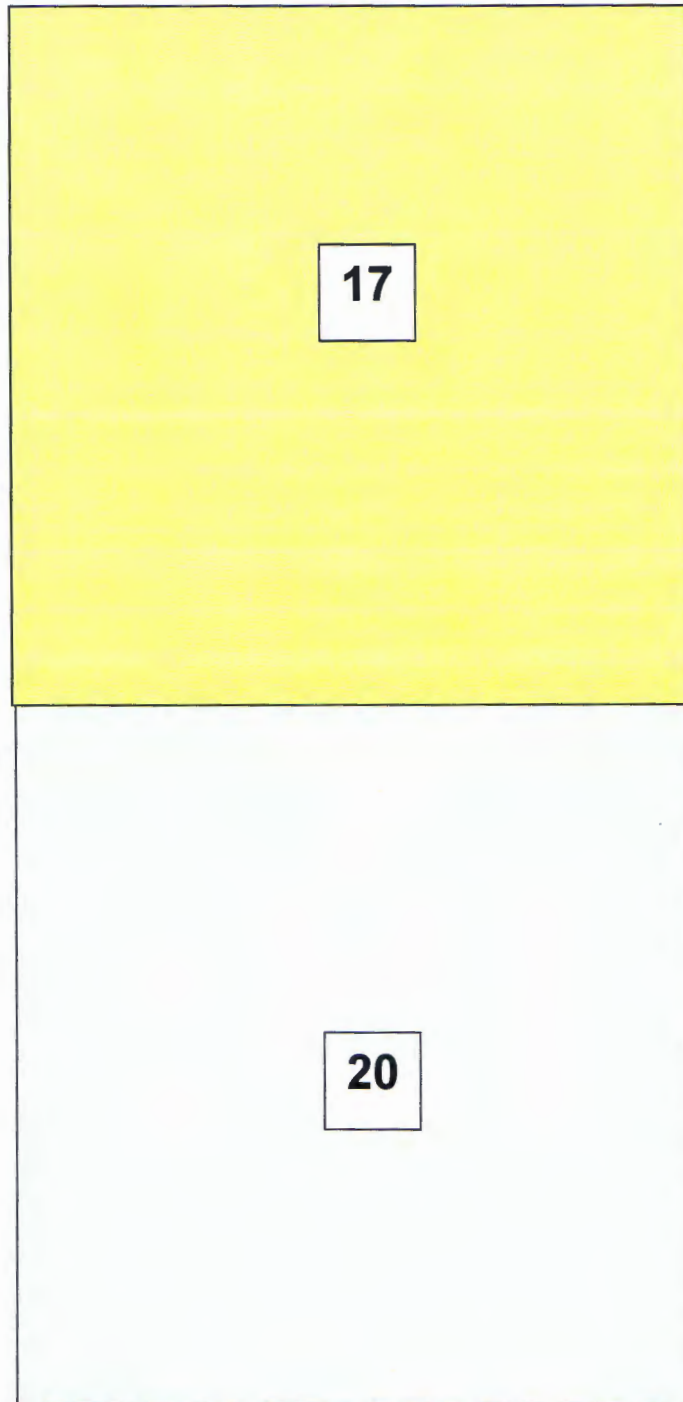
Identified By Wallace

Case # 18214
7/25/2012
Exhibit # 2a

RC-UNNAMED-140-95-1720

Sections 17 & 20

Stark County, ND



Hess Bakken Investments II	53.12%
Wasaabee Energy	25.00%
Others	21.88%
Total	100.00%

INDUSTRIAL COMMISSION

STATE OF NORTH DAKOTA

DATE 7/25/12 CASE NO. 18214

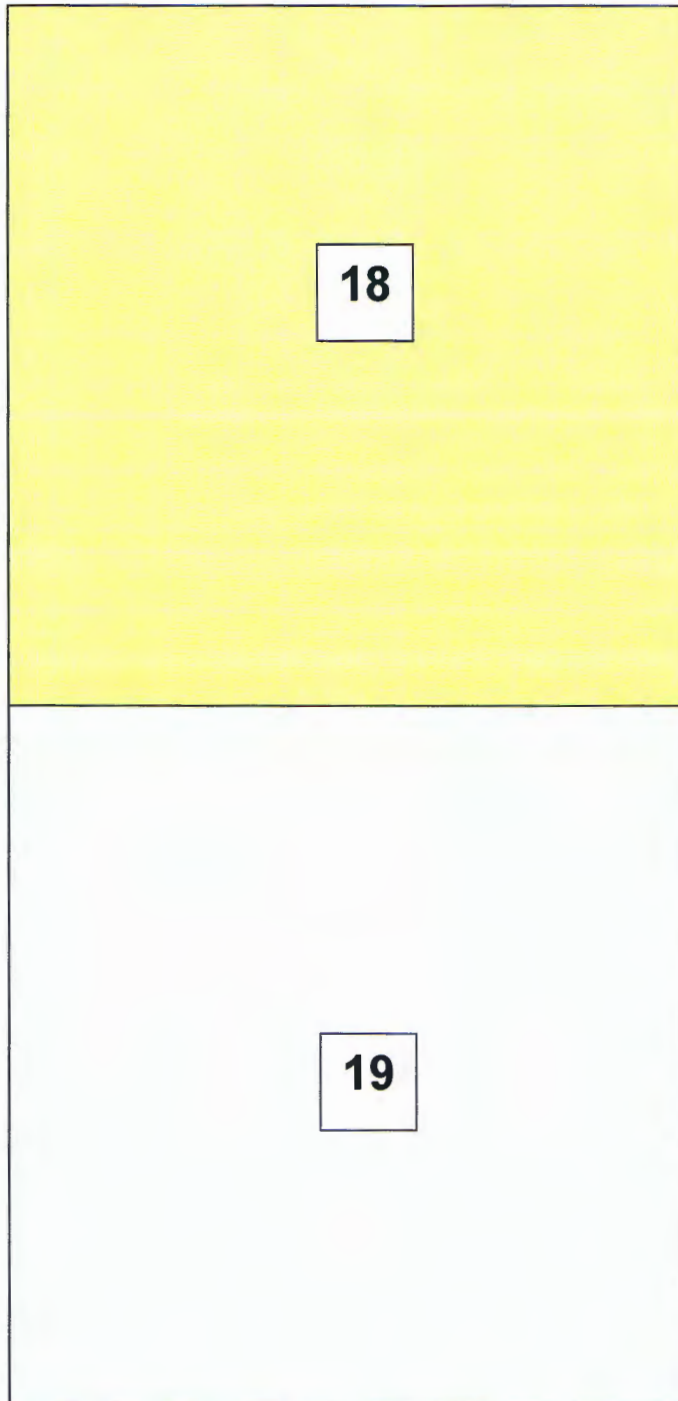
Introduced By Hess

Exhibit 2b

Identified By Wallace

Case # 18214
7/25/2012
Exhibit # 2b

RC-UNNAMED-140-95-1819
Sections 18 & 19
Stark County, ND



Hess Bakken Investments II	67.84%
Others	32.16%
Total	100.00%

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA
DATE 7/25/12 CASE NO. 18214
Introduced By Hess
Exhibit 2c
Identified By Wallace

Case # 18214
7/25/2012
Exhibit # 2c

RC-UNNAMED-140-95-2932

Sections 29 & 32

Stark County, ND

29

32

Hess Bakken Investments II	45.13%
Others	54.57%
Total	100.00%

INDUSTRIAL COMMISSION

STATE OF NORTH DAKOTA

DATE 7/25/12 CASE NO. 18214

Introduced By Hess

Exhibit 2d

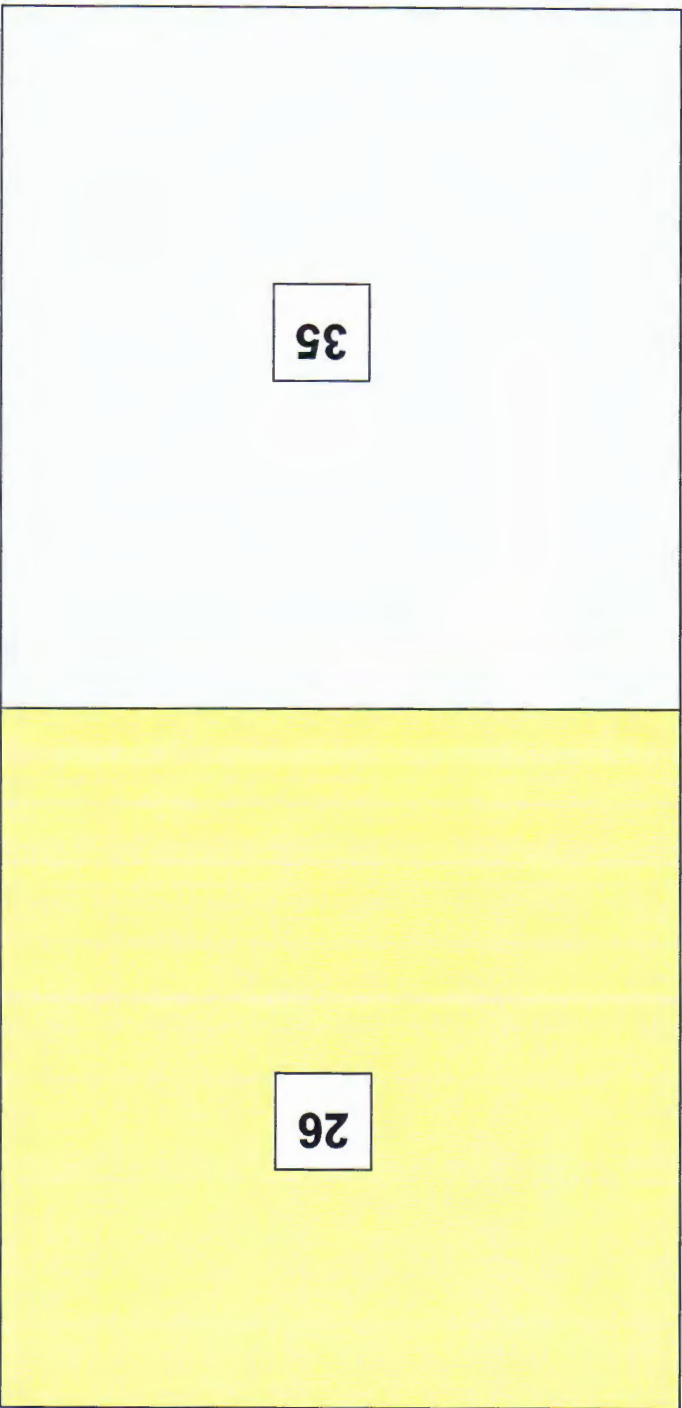
Identified By Wallace

Case # 18214

7/25/2012

Exhibit # 2d

Hess Bakken Investments II	39.00%
Others	61.00%
Total	100.00%



INDUSTRIAL COMMISSION

STATE OF NORTH DAKOTA

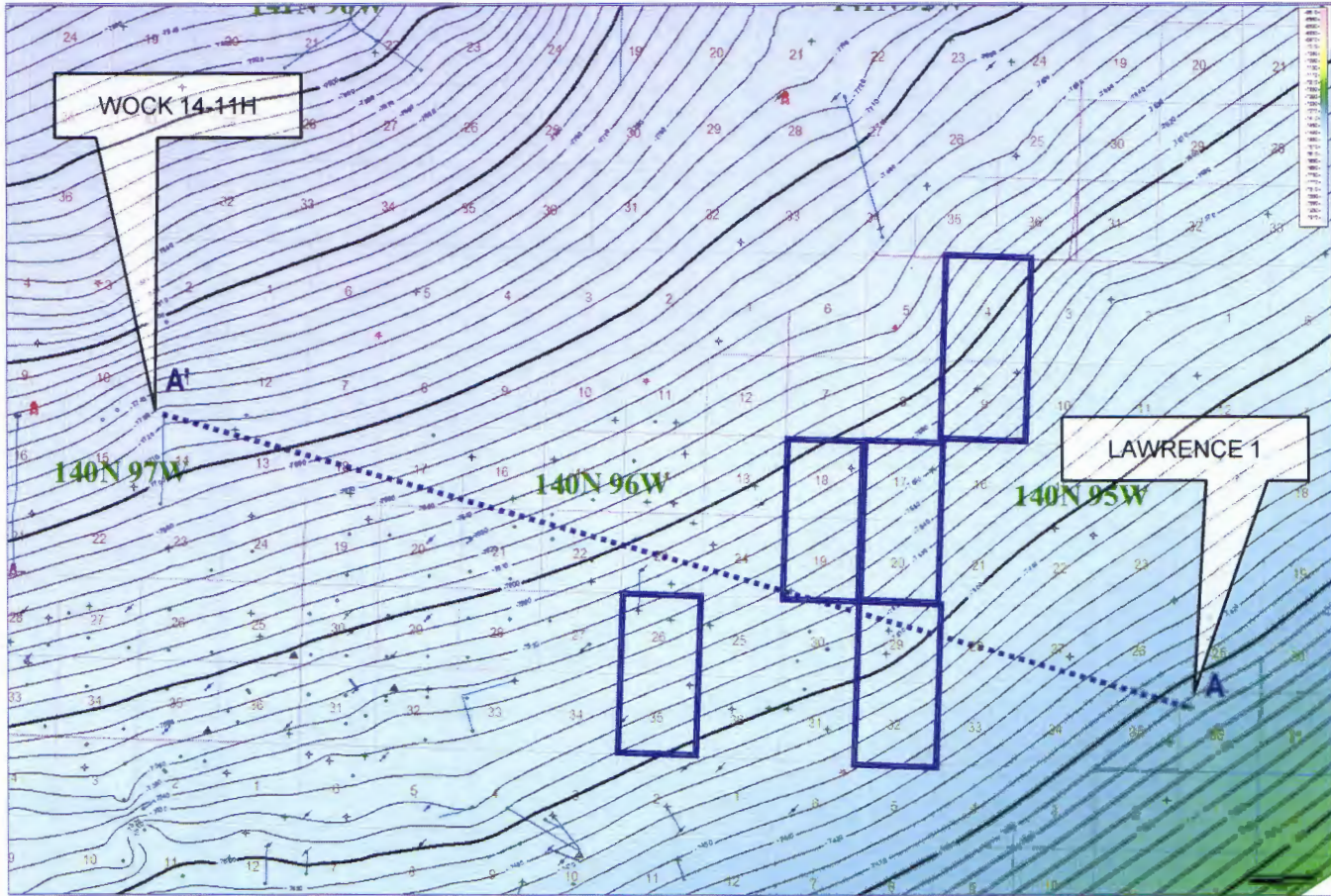
DATE 7/25/12 CASE NO. 18214

Introduced By Hess

Exhibit 26

Identified By Wallace

Top Middle Bakken Structure Map (SSTVD) CI: 10 ft.



Note: Well symbols are located at BHL



Unit Outline

- WELL SYMBOLS**
- Location Only
 - Well Drilling
 - Waiting on Completion
 - Oil Well
 - Abandoned Well
 - Gas Well
 - Injection Well
 - Permit Canceled
 - Oil & Gas Well
 - Dry Hole
 - Plugged and Abandoned
 - Service Well
 - Temporarily Abandoned
 - Abandoned Oil Well
 - Abandoned GAS Well

INDUSTRIAL COMMISSION

STATE OF NORTH DAKOTA

DATE 7/25/12 CASE NO. 18214

Introduced By Hens

Exhibit 3

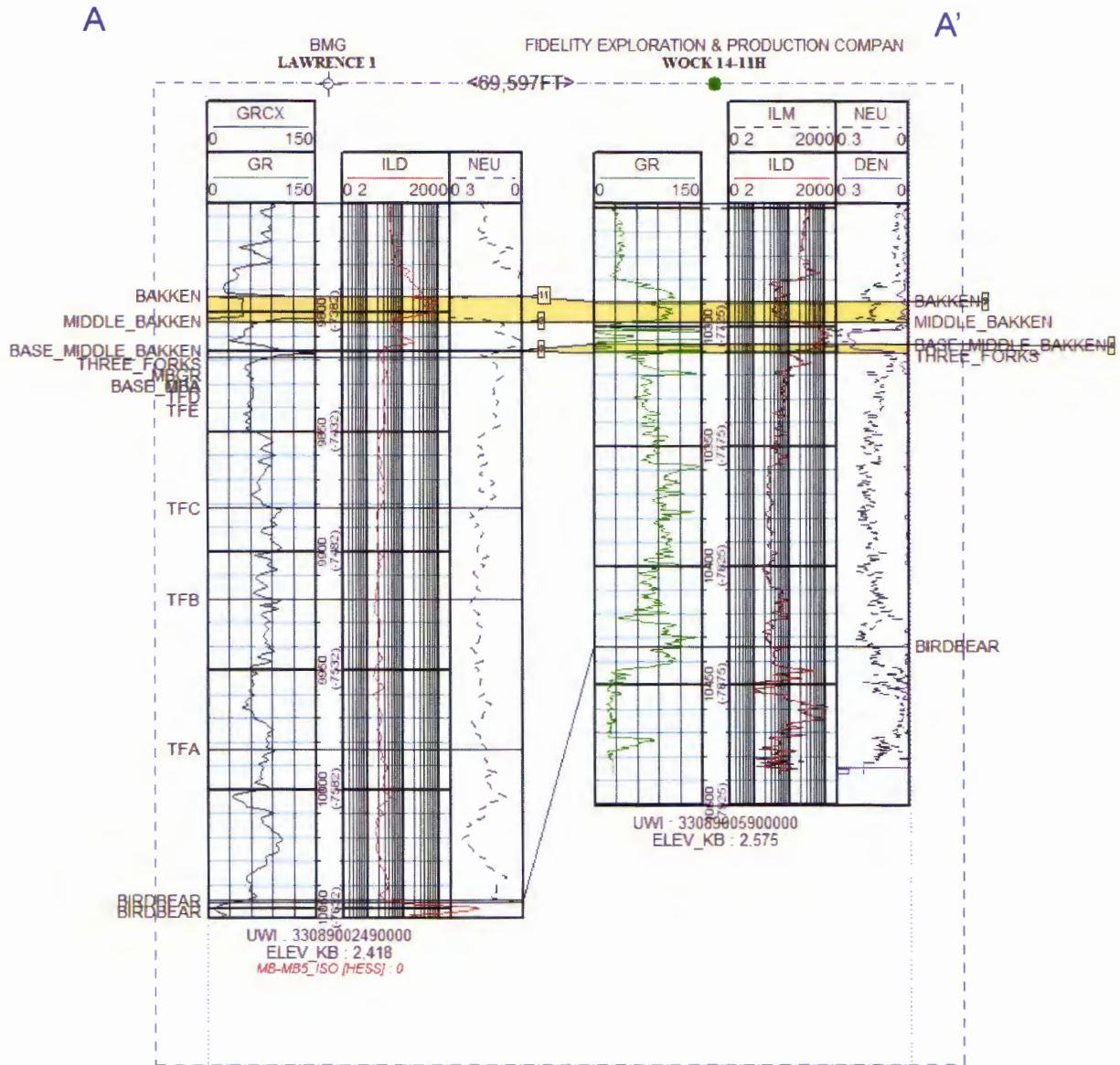
Identified By Forath

Case # 18214

7/25/2012

Exhibit # 3

Stratigraphic Cross Section A to A' (NW to SE) Flattened on Top Bakken Shale

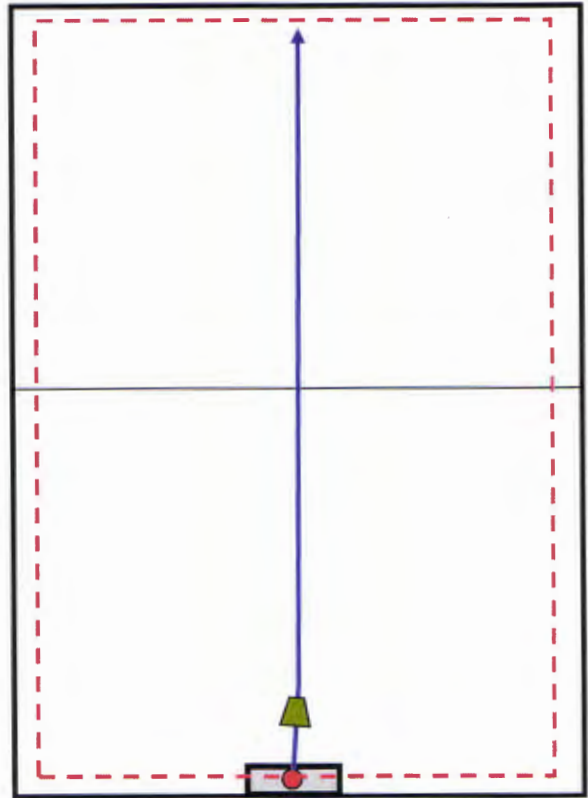
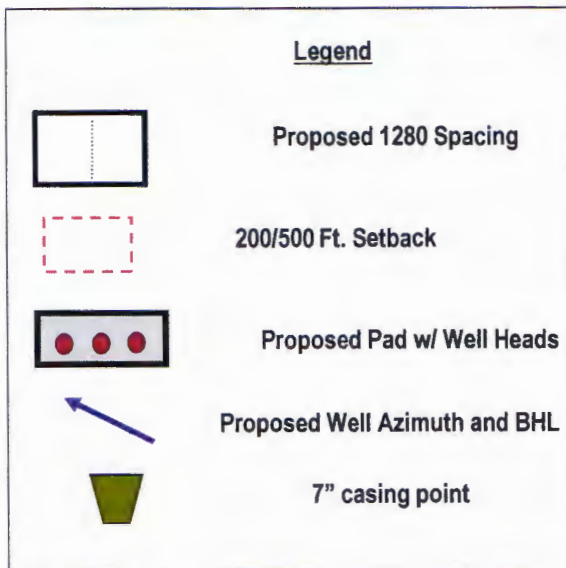


INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA
DATE 7/25/12 CASE NO. 18214
Introduced By Hess
Exhibit 4
Identified By Forath

Case # 18214
7/25/2012
Exhibit # 4

1280-acre 1-well Pad Ideal Case

(map view)



INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA
DATE 7/25/12 CASE NO. 18214
Introduced By Hess
Exhibit 5
Identified By Kalitsun

Case # 18214
7/25/2012
Exhibit # 5

Hess Corporation

Typical Russian Creek Area Economics for 1 Well Per 1280 acres

Reservoir data

Gross Thickness	20 - 30 Feet
Porosity	6.1%
Oil Saturation	55%
Formation Volume Factor	1.45 rb/STB
Acreage	1280 Acres
OOIP	9.5 MMBO

30 Day IP	748 BOPD
GOR	1074 scf/bbl
NGL's	111.5 Bbl/MMSCF

Ultimate Recovery	440 MBO
Recovery Factor	4.1%

Economic Input

Capex	\$10.5 MM/Well
Fixed Opex- Well	\$5,300/Month
Variable Opex- Oil	\$3.57/Bbl
Variable Opex- Gas	\$0.79/Mcf

Economic Results

Price Assumption	Base
Oil Price	\$82/BBL
Gas Price	\$1.19/MCF
AT NPV10	\$2.4 MM
Rate of Return	23.3%
AT Payout 1st Inv.	3.8 yrs.

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA
DATE 7/29/12 CASE NO. 18214
Introduced By Hess
Exhibit 6
Identified By Kalitzun

Case # 18214
7/25/2012
Exhibit # 6

BEFORE THE INDUSTRIAL COMMISSION
OF THE STATE OF NORTH DAKOTA



Application of Hess Corporation for an order)
establishing five 1280-acre drilling or)
spacing units consisting of all of Sections 4)
and 9, 17 and 20, 18 and 19, and 29 and 32,)
T. 140 N., R. 95 W., and Sections 26 and 35,)
T. 140 N., R. 96 W., Stark County, ND, and)
allowing a horizontal well to be drilled in the)
Bakken formation on each such spacing unit,)
or granting such other and further relief as)
may be appropriate.)
)

APPLICATION

COMES NOW the applicant, Hess Corporation, and respectfully alleges as follows:

1. It is the owner of an interest in the oil and gas leasehold estate in Sections 4, 9, 17, 18, 19, 20, 29 and 32, Township 140 North, Range 95 West, and Sections 26 and 35, Township 140 North, Range 96 West, all in Stark County, North Dakota.
2. Said lands are not currently included within any field for which Bakken spacing has been established. Applicant intends to develop the Bakken underlying said lands through horizontal drilling and believes that the flexibility afforded by 1280-acre drilling or spacing units is required. Applicant therefore requests that said Sections 4 and 9, 17 and 20, 18 and 19, 26 and 35, and 29 and 32 be established as 1280-acre spacing units and that a horizontal well be authorized to be drilled on each such unit.
3. In applicant's opinion, granting such relief will protect correlative rights, prevent waste, and prevent the drilling of unnecessary wells.
4. Applicant requests that it be allowed to present testimony by telephone pursuant to Section 43-02-03-88.2 of the North Dakota Administrative Code.

WHEREFORE, applicant respectfully requests that this matter be set for hearing at the regularly scheduled hearings in July, 2012, and that thereafter the Commission enter its order granting the relief requested.

Dated this 22nd day of June, 2012.

HESS CORPORATION

CROWLEY FLECK PLLP
Attorneys for the Applicant
Suite 600, 400 East Broadway
P.O. Box 2798
Bismarck, ND 58502

By: 
JOHN W. MORRISON

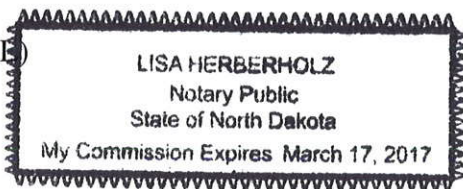
STATE OF NORTH DAKOTA)
) ss.
COUNTY OF BURLEIGH)

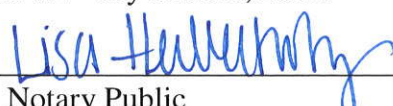
John W. Morrison, being first duly sworn on oath, deposes and says that he is the attorney for the applicant herein named, that he has read the above and foregoing application, knows the contents thereof, and that the same is true to the best of this affiant's knowledge, information and belief.


JOHN W. MORRISON

Subscribed and sworn to before me this 22nd day of June, 2012.

(SEAL)




Notary Public
Burleigh County, North Dakota
My Commission Expires:

John W. Morrison
400 East Broadway, Suite 600
P.O. Box 2798
Bismarck, ND 58502-2798
Office: 701.223.6585
Direct: 701.224.7534
jmorrisson@crowleyfleck.com

June 22, 2012

Mr. Bruce Hicks
Oil & Gas Division
ND INDUSTRIAL COMMISSION
600 E. Blvd. Ave., Dept. 405
Bismarck, ND 58505-0840



In re: Hess Corp. Application

Dear Mr. Hicks:

Please find enclosed for filing one application for the July, 2012 regular docket.

Thank you.

Very truly yours,


John W. Morrison

lh
enc.

cc (via e-mail w/enc.): Karlene Fine
Lynn Helms
Hope Hogan
Matt Solomon

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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 CK 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
Bismarck Tribune on the following dates:
7/5 Signed Colma Runk
sworn and subscribed to before me this 17th
day of July 2012

Notary Public in and for the State of North Dakota

GREGORY P. ZIEGLER
Notary Public
State of North Dakota
My Commission Expires July 22, 2015

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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. Wednesday, July 25, 2012, 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: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Thursday, July 12, 2012.

STATE OF NORTH DAKOTA TO:

Case No. 18211: Proper spacing for the development of the Colgan-Bakken Pool, Divide County, ND, redefine the field limits, and enact such special field rules as may be necessary. SM Energy Co.

Case No. 18212: Proper spacing for the development of the Juniper-Bakken Pool, McKenzie County, ND, redefine the field limits, and enact such special field rules as may be necessary. Hess Corp.; Missouri River Royalty Corp.

Case No. 18213: Application of Hess Corp. for an order allowing the EN-Selby-157-93 #0805H-1 well to continue to produce from a spacing unit described as Sections 5 and 8, T.157N., R.93W., Mountrail County, ND, with the casing shoe set approximately 170 feet from the south line of Section 8, as an exception to the applicable orders for the Big Butte-Bakken Pool, and such other relief as is appropriate.

Case No. 18214: Application of Hess Corp. for an order establishing five 1280-acre drilling or spacing units consisting of Sections 4 and 9; Sections 17 and 20; Sections 18 and 19; and Sections 29 and 32, T.140N., R.95W.; and Sections 26 and 35, T.140N., R.96W., Stark County, ND, and allowing a horizontal well to be drilled in the Bakken Formation on each such spacing unit, and such other relief as is appropriate.

Case No. 14935: (Continued) Application of Hess Corp. for an order suspending, and after hearing revoking, a permit issued to Continental Resources, Inc. for the drilling of the Foster #1-28H well on a drilling unit consisting of Sections 28 and 33, T.153N., R.99W., Williams and McKenzie Counties, ND; and such other relief as is appropriate.

Case No. 16890: (Continued) Application of Hess Corp. for an order revoking the permit issued to Continental Resources, Inc. to drill the Boston #1-25H well, with a surface location in the NWNE of Section 25, T.155N., R.98W., Williams County, ND, or alternatively designating applicant as operator of said well, and such other relief as is appropriate.

Case No. 18215: Temporary spacing to develop an oil and/or gas pool discovered by the Cornerstone Natural Resources LLC #6-3-10H Cuplin, SESE Section 34, T.164N., R.91W., Burke County, ND, define the field limits, and enact such special field rules as may be necessary.

Case No. 18034: (Continued) Application of Cornerstone Natural Resources LLC for an order extending and amending the applicable orders for the Northeast Foothills-Bakken Pool to establish six 1280 acre spacing units consisting of Sections 1 and 12; Sections 2 and 11; Sections 3 and 10; Sections 13 and 24; Sections 15 and 22; and Sections 30 and 31, T.161N., R.91W., Burke County, ND, and such other relief as is appropriate.

Case No. 18216: Temporary spacing to develop an oil and/or gas pool discovered by the Oasis Petroleum North America LLC #44-17H Antelope Creek Federal 5003, SESE Section 17, T.150N., R.103W., McKenzie County, ND, define the field limits, and enact such special field rules as may be necessary.

Case No. 18217: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Union Center-Bakken and Keene-Bakken Pools to establish an overlapping 2560-acre spacing unit consisting of Sections 2, 3, 10 and 11, T.152N., R.96W., McKenzie County, ND, for the purpose of drilling one or more horizontal wells between two existing 1280-acre spacing units and granting such other relief as is appropriate.

Case No. 18218: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Clear Creek-Bakken, Blue Buttes-Bakken and Camel Butte-Bakken Pools to establish an overlapping 5120-acre spacing unit consisting of Sections 1, 2, 11, 12, 13, 14, 23 and 24, T.151N., R.96W., McKenzie County, ND, for the purpose of drilling up to two horizontal wells between four existing 1280-acre spacing units and granting such other relief as is appropriate.

Case No. 18219: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Blue Buttes-Bakken Pool and Camel Buttes-Bakken Pool to authorize up to seven horizontal wells to be drilled on two 1280-acre spacing units consisting of Sections 13 and 24; and Sections 14 and 23, T.151N., R.96W., McKenzie County, ND, with relief from any tool error requirements; and such other relief as is appropriate.

Case No. 18220: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Johnson Corner-Bakken and Camel Butte-Bakken Pools to establish an overlapping 5120-acre spacing unit consisting of Sections 27, 28, 33 and 34, T.151N., R.96W., and Sections 3, 4, 9 and 10, T.150N., R.96W., McKenzie County, ND, for the purpose of drilling up to two horizontal wells between two existing 2560-acre spacing units and granting such other relief as is appropriate.

Case No. 18221: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Johnson Corner-Bakken and Pershing-Bakken Pools to establish an overlapping 5120-acre spacing unit consisting of Sections 15, 16, 21, 22, 27, 28, 33 and 34, T.150N., R.96W., McKenzie County, ND, for the purpose of drilling up to two horizontal wells between two existing 2560-acre spacing units and granting such other relief as is appropriate.

Case No. 18222: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Croft-Bakken and Blue Buttes-Bakken Pools to authorize up to seven horizontal wells to be drilled on a 1280-acre spacing unit consisting of Sections 1 and 12, T.149N., R.96W., McKenzie County, ND without regard to any tool error requirements; establish an overlapping 2560-acre spacing unit consisting of Sections 1, 2, 11 and 12, T.149N., R.96W., McKenzie County, ND, for the purpose of drilling one or more horizontal wells on or near the sections lines between Sections 1 and 12 and Sections 2 and 11; establish a 2560-acre spacing unit consisting of said Sections 2 and 11 and Sections 26 and 35, T.150N., R.96W., McKenzie County, ND, and authorize up to 12 wells to be drilled on such spacing unit without regard to any tool error requirements; granting such other and further relief as may be appropriate.

Case No. 18223: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the North Fork-Bakken Pool to establish an overlapping 5120-acre spacing unit consisting of Sections 3, 4, 9, 10, 15, 16, 21 and 22, T.149N., R.96W., McKenzie County, ND, for the purpose of drilling up to two horizontal wells between two existing 2560-acre spacing units and granting such other relief as is appropriate.

Case No. 17778: (Continued) Temporary spacing to develop an oil and/or gas pool discovered by the Burlington Resources Oil & Gas Co., LP #16-1H Red Wing, Section 16, T.147N., R.101W., McKenzie County, ND, define the field limits, and enact such special field rules as may be necessary.

Case No. 18044: (Continued) Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Bailey-Bakken Pool to authorize up to seven horizontal wells to be drilled on four 1280-acre spacing units consisting of Sections 26 and 35; Sections 28 and 33; Sections 29 and 32; and Sections 30 and 31, T.147N., R.93W., Dunn County, ND; to include Sections 28, 29, 32 and 33; and Sections 29, 30, 31 and 32 as two overlapping 2560-acre spacing units for the purpose of drilling one or more horizontal wells between the existing 1280-acre spacing units described above; and such other relief as is appropriate.

Case No. 18224: Application of Kodiak Oil & Gas (USA) Inc. for an order amending the applicable orders for the Banks-Bakken Pool and the Poe-Bakken Pool to create 3 overlapping 2560-acre spacing units consisting of Sections 28, 29, 32 and 33; and Sections 29, 30, 31 and 32, T.152N., R.99W.; and Sections 30 and 31, T.152N., R.99W., and 25 and 36, T.152N., R.100W., McKenzie County, ND and authorize up to two horizontal wells to be drilled on each such 2560-acre spacing unit or granting such other relief as is appropriate.

Case No. 18225: Application of Kodiak Oil & Gas (USA) Inc. for an order amending the applicable orders for the Heart Butte-Bakken Pool (i) to establish a 1280-acre spacing unit consisting of Sections 16 and 21, T.149N., R.92W., Dunn County, ND, and authorize up to five horizontal wells to be drilled on such spacing unit; (ii) authorize up to six horizontal wells to be drilled on a spacing unit described as Sections 28 and 33, T.149N., R.92W., Dunn County, ND; (iii) authorize up to two horizontal wells to be drilled on a 320-acre spacing unit described as the W/2 of Section 6, T.148N., R.92W., Dunn County, ND; and granting such other relief as is appropriate.

Case No. 18226: Application of Kodiak Oil & Gas (USA) Inc. for an order amending the applicable orders for the Twin Buttes-Bakken Pool to designate a 2560-acre spacing unit consisting of Sections 15, 16, 21 and 22, T.147N., R.92W., Dunn County, ND, and authorize up to two horizontal wells to be drilled on such spacing unit, eliminating any tool error requirement; and granting such other relief as is appropriate.

Case No. 18227: Application of Marathon Oil Co. for an order (i) extending the outline of the Twin Buttes Field and/or the Werner Field to include Sections 26, 27, 28, 33, 34 and 35, T.147N., R.92W., Dunn County, ND; (ii) amending the applicable orders for the Twin Buttes-Bakken Pool and/or the Werner-Bakken Pool to establish three 1280-acre spacing units described as Sections 26 and 35; Sections 27 and 34; and Sections 28 and 33, T.147N., R.92W.; (iii) authorizing the drilling of up to 4 wells on each such 1280-acre spacing unit and eliminating any tool error requirements; and (iv) granting such other relief as is appropriate.

Case No. 18228: Application of Marathon Oil Co. for an order amending the applicable orders for the Murphy Creek-Bakken Pool and the Murphy Creek-Lodgepole Pool, Dunn County, ND, to redefine the stratigraphic limits of the Murphy Creek-Bakken Pool to include the interval from 100 feet above the top of the Bakken Formation to 100 feet below the top of the Three Forks Formation, to establish a zone of 640-acre spacing for the Murphy Creek-Bakken Pool consisting of Section 35, T.145N., R.96W., for purposes of allocating production from the Darwin #14-35H well, or granting such other relief as is appropriate.

Case No. 17776: (Continued) Temporary spacing to develop an oil and/or gas pool discovered by the Marathon Oil Co. #34-8H Merlyn Olson, SWSE Section 8, T.159N., R.101W., Williams County, ND, define the field limits, and enact such special field rules as may be necessary.

Case No. 17821: (Continued) Application of Marathon Oil Co. for an order allowing oil and gas produced from various wells completed in the Bailey, Killdeer and Chimney Butte Fields, located in Dunn County, ND, and such other wells as may be subsequently approved by the Commission, to be commingled in a central production facility pursuant to NDAC § 43-02-03-48.1 or granting such other and further relief as may be appropriate.

Case No. 18229: Application of OXY USA Inc. for an order establishing a 1280-acre drilling unit consisting of Sections 27 and 34, T.142N., R.98W., Billings County, ND and allow up to six horizontal wells to be drilled in the Bakken Formation on such unit, or granting such other relief as is appropriate.

Case No. 18230: Application of OXY USA, Inc. for an order amending Order No. 18268 and any other applicable orders so as to allow wells completed in the Vanville-Bakken Pool, Burke County, ND, to produce at a maximum efficient rate and flare gas produced in association with oil until July 31, 2013, and such other relief as is appropriate.

Case No. 18231: Application of Whiting Oil & Gas Corp. for an order extending the outline of the St. Anthony Field and amending the applicable orders for the St. Anthony-Bakken Pool to include Sections 28 and 33, T.141N., R.97W., Dunn County, ND, as 1280-acre spacing units and authorize up to four wells to be drilled on each such spacing unit, eliminating any tool error requirements, and such other relief as is appropriate.

Case No. 15676: (Continued) Application of XTO Energy Inc. for an order revoking the permit issued to Continental Resources, Inc. to drill the Carbon #1-30H well, with a surface location in the NWNE of Section 30, T.149N., R.96W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 16125: (Continued) In the matter of the application of XTO Energy Inc. for an order revoking the permit issued to Continental Resources, Inc. to drill the Tompkins #1-35H well, with a surface location in the SESE of Section 35, T.149N., R.97W., McKenzie County, ND, or alternatively designating applicant as operator of said well, and such other relief as the Commission may deem appropriate.

Case No. 17358: (Continued) Temporary spacing to develop an oil and/or gas pool discovered by the Murex Petroleum Corp. #1-1R Reistad, SESE Section 1, T.162N., R.102W., Divide County, ND, define the field limits, and enact such special field rules as may be necessary.

Case No. 18031: (Continued) Temporary spacing to develop an oil and/or gas pool discovered by the Petro-Hunt, LLC #152-96-27B-1-3 Wollan, NENW Section 27, T.152N., R.96W., McKenzie County, ND, define the field limits, and enact such special field rules as may be necessary.

Case No. 18043: (Continued) Application of Sequel Energy, LLC for an order allowing production from the Bull Moose-Duperow and Bull Moose-Red River Pools to be commingled in the well bore of the Bull Moose #22Y-32 well, located in the SWNE of Section 22, T.147N., R.101W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 18232: Application of Cornerstone Natural Resources LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 3 and 10, T.163N., R.91W., Burke County, ND, Flaxton-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18233: Application of Kodiak Oil & Gas (USA) Inc. for an order amending the applicable orders for the Mandaree-Bakken Pool to allow up to six horizontal wells to be drilled on two 1280-acre spacing unit described as Sections 12 and 13; and Sections 24 and 25, T.149N., R.93W., Dunn County, ND, or granting such other relief as is appropriate.

Case No. 18234: Application of Kodiak Oil & Gas (USA) Inc. for an order amending the applicable orders for the Moccasin Creek-Bakken Pool to authorize up to six horizontal wells to be drilled on two spacing units described as Sections 28 and 33; and Sections 26 and 27, T.148N., R.93W., Dunn County, ND, and granting such other relief as is appropriate.

Case No. 18235: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 7 and 8, T.149N., R.92W., Dunn County, ND, Heart Butte-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18236: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as the N of Sections 7 and 8, T.149N., R.92W., Dunn County, ND, Heart Butte-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18237: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 7 and 8, T.148N., R.92W., Dunn County, ND, Heart Butte-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18238: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 17 and 18, T.148N., R.92W., Dunn County, ND, Heart Butte-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18239: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 8 and 17, T.148N., R.93W., Dunn County, ND, South Fork-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18240: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 26 and 27, T.148N., R.93W., Dunn County, ND, Moccasin Creek-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18241: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 2 and 11, T.147N., R.93W., Dunn County, ND, Moccasin Creek-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18242: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 3 and 10, T.147N., R.93W., Dunn County, ND, Moccasin Creek-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18243: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 11 and 14, T.147N., R.92W., Dunn County, ND, Twin Buttes-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18244: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 15 and 22, T.147N., R.92W., Dunn County, ND, Twin Buttes-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18245: Application of Kodiak Oil & Gas Corp. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 23 and 24, T.147N., R.92W., Dunn County, ND, Twin Buttes-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18246: Application of Petro-Hunt, LLC, for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit for the North Tioga and/or Battleview-Bakken Pools described as Sections 19 and 30, T.159N., R.94W., Burke County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18247: Application of Petro-Hunt, LLC, for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Section 17, T.153N., R.95W., McKenzie County, ND, Carlson-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18248: Application of Petro-Hunt LLC for an order pursuant to NDAC § 43 02-03-88.1 authorizing the conversion to saltwater disposal into the Dakota Group of the State of North Dakota O #1 well, E2NE Section 36, T.153N., R.96W., Keene Field, McKenzie County, ND, pursuant to NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 18249: Application of Hess Corp. 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.158N., R.97W., Williams County, ND, New Home-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18250: Application of Hess Corp. for an order amending the applicable orders for the Little Knife-Bakken Pool to authorize up to eight horizontal wells to be drilled on a 1280-acre spacing unit described as Sections 13 and 24, T.147N., R.97W., and up to six horizontal wells to be drilled on a 640-acre spacing unit described as Section 28, T.147N., R.97W., all in Dunn County, ND, eliminating any tool error requirements, and such other relief as is appropriate.

Case No. 18251: Application of Hess Corp. for an order amending the applicable orders for the Bear Creek-Bakken Pool to authorize up to eight horizontal wells to be drilled on a 640-acre spacing unit described as Section 15, T.147N., R.96W., Dunn County, ND, eliminating any tool error requirements, and such other relief as is appropriate.

Case No. 18252: Application of Oasis Petroleum North America LLC for an order authorizing up to six wells to be drilled on a 1280-acre spacing unit described as Sections 2 and 11, T.155N., R.102W., Williams County, ND, in the Squires-Bakken Pool, eliminating any tool error requirements, and such other relief as is appropriate.

Case No. 18253: Application of Oasis Petroleum North America LLC for an order authorizing up to six wells to be drilled on each existing 1280-acre spacing unit described as Sections 1 and 12; and Sections 3 and 10, T.155N., R.101W., Williams County, ND, in the Cow Creek-Bakken Pool, eliminating any tool error requirements, and such other relief as is appropriate.

Case No. 18254: Application of Oasis Petroleum North America LLC for an order pursuant to NDAC § 43-02-03-88.1 authorizing saltwater disposal into the Dakota Group in the Buck Shot SWD 5300 31-31 well, NWSW Section 31, T.153N., R.100W., Baker Field, McKenzie County, ND, pursuant to NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 18255: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Sanish-Bakken Pool, to authorize up to 6 horizontal wells to be drilled on two 640-acre spacing units described as Section 1, T.152N., R.93W.; and Section 6, T.153N., R.92W., Mountrail County, ND, granting relief from any tool error provisions, and such other relief as is appropriate.

Case No. 18256: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Lonesome-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on a spacing unit described as Sections 1 and 12, T.151N., R.102W., McKenzie County, ND, granting relief from any tool error provisions or granting such other relief as may be appropriate.

Case No. 18257: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Sioux-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on a spacing unit described as Sections 6 and 7, T.151N., R.101W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 18258: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Timber Creek-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on three spacing units described as Sections 13 and 24; Sections 14 and 23; and Sections 26 and 35, T.150N., R.100W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 18259: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Arnegard-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on a spacing unit described as Sections 27 and 34, T.150N., R.100W., McKenzie County, ND, granting relief from any tool error provisions or granting such other relief as may be appropriate.

Case No. 18260: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Ellsworth-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on three spacing units described as Sections 13 and 24; Sections 14 and 23; and Sections 25 and 36, T.149N., R.100W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 18261: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Pleasant Hill-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on eight spacing units described as Sections 4 and 9; Sections 5 and 8; Sections 16 and 21; Sections 17 and 20; Sections 18 and 19; Sections 28 and 33; Sections 29 and 32; and Sections 30 and 31, T.149N., R.99W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 18262: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Juniper-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on a spacing unit described as Sections 27 and 34, T.149N., R.99W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 18263: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the Bully-Bakken Pool, to authorize the drilling of up to 6 horizontal wells on two spacing units described as Sections 3 and 10; and Sections 5 and 8, T.148N., R.99W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 18264: Application of Whiting Oil & Gas Corp. for an order amending the applicable orders for the New Hradec-Bakken Pool, located in T.140N., R.98W., Stark County, ND, to authorize the drilling of up to 4 horizontal wells on each 1280-acre spacing unit, and such other relief as is appropriate.

Case No. 18265: Application of Whiting Oil & Gas Corp. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 14 and 23, T.150N., R.100W., McKenzie County, ND, Timber Creek-Bakken Pool, as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 18266: Application of Whiting Oil & Gas Corp. 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.141N., R.97W., Dunn County, ND, St. Anthony-Bakken Pool, as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 18267: Application of Whiting Oil & Gas Corp. for an order pursuant to NDAC § 43-02-03-88.1 authorizing the conversion to saltwater disposal into the Dakota Group of the Nistler #21-25H well, NENW Section 25, T.141N., R.105W., Golden Valley County, ND, pursuant to NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 18268: Application of Burlington Resources Oil & Gas Co. LP for an order amending the applicable orders for the Haystack Butte-Bakken Pool to authorize up to 4 horizontal wells to be drilled on six 1280-acre spacing units described as Sections 1 and 12; Sections 2 and 11; Sections 13 and 24; Sections 14 and 23; Sections 25 and 36; and Sections 26 and 35, T.148N., R.98W., McKenzie County, ND, granting relief from tool error requirements, and granting such other relief as may be appropriate.

Case No. 18269: Application of Burlington Resources Oil & Gas Co. LP for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit for the Haystack Butte-Bakken Pool described as Sections 6 and 7, T.148N., R.98W., McKenzie County, ND, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Case No. 18270: Application of OXY USA Inc. for an order pursuant to NDAC § 43 02-03-88.1 pooling all interests in a spacing unit described as Sections 12 and 13, T.141N., R.96W., Dunn County, ND, St. Anthony-Bakken Pool, as provided by NDCC § 38-08-08, and such other relief as is appropriate.

Signed by,
Jack Dalrymple, Governor
Chairman, ND Industrial Commission
7/5 - 608292

Affidavit of Publication
The Dickinson Press
Dickinson, North Dakota



STATE OF NORTH DAKOTA)
County of Stark) ss

Sonya Sacks being first duly sworn, on my oath, say that I am the bookkeeper of The Dickinson Press, a daily newspaper of general circulation, printed and published at Dickinson, in said county and state, and the advertisement headed:

July 25 Hearing

a printed copy of which is hereunto annexed, was printed and published in The Dickinson Press, and in the regular and entire issue of each and every number for 1 consecutive weeks, commencing on the 5 day of July A.D. 2012 and ending on the 5 day of July A.D. 2012, both inclusive.

Straight Matter Lines 40 _____, 2012

First Time Line Rates 0.73 _____ 5-Jul, 2012

Subsequent Line Rates 0.73 _____, 2012

Column Inches _____, 2012

First Time Inch Rate \$8.00 _____, 2012

Subsequent Inch Rate \$8.00 _____, 2012

Total Cost of Legal \$ 29.20

Sonya Sacks
Subscribed and sworn to before me this 18th day of July A.D. 2012.

(Seal) [Signature]

Notary Public, State Of North Dakota

My Commission Expires _____

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. Wednesday, July 25, 2012, 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: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Thursday, July 12, 2012.

STATE OF NORTH DAKOTA TO:
Case No. 18214: Application of Hess Corp. for an order establishing five 1280-acre drilling or spacing units consisting of Sections 4 and 9; Sections 17 and 20; Sections 18 and 19; and Sections 29 and 32, T.140N., R.95W.; and Sections 26 and 35, T.140N., R.96W., Stark County, ND, and allowing a horizontal well to be drilled in the Bakken Formation on each such spacing unit, and such other relief as is appropriate.

Case No. 18264: Application of Whiting Oil & Gas Corp., for an order amending the applicable orders for the New Hradec-Bakken Pool, located in T.140N., R.98W., Stark County, ND, to authorize the drilling of up to 4 horizontal wells on each 1280-acre spacing unit, and such other relief as is appropriate.

Signed by,
Jack Dalrymple, Governor
Chairman, ND Industrial Commission
(Published July 5, 2012)

JOY SCHOCH
NOTARY PUBLIC, STATE OF NORTH DAKOTA
MY COMMISSION EXPIRES JAN 6, 2017