United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Great Plains Regional Office
115 Fourth Avenue S.E. Suite 400
Aberdeen, South Dakota 57401

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
DESCRM
MC-208

MAY 0 2 2012

MEMORANDUM

TO: Superintendent, Fort Berthold Agency

FROM: Regional Director, Great Plains Region

SUBJECT: Supplemental to Environmental Assessment

A Categorical Exclusion has been completed in compliance with the regulations of the National Environmental Policy Act (NEPA) of 1969, as amended. The proposed Supplemental Categorical Exclusion is for information tiering off of an existing Environmental Assessment for WPX Energy, and authorizes the replacement well bore on the Mason #2-11H well pad on the Fort Berthold Reservation.

All the necessary requirements of the National Environmental Policy Act have been completed. Attached for your files is a copy of the Categorical Exclusion.

If you have any questions, please call Marilyn Bercier, Regional Environmental Scientist, Division of Environment, Safety and Cultural Resources Management, at (605) 226-7656.

Tim LaPointe

Attachment

cc: Tex Hall, Three Affiliated Tribes (with attachment)
Elgin Crows Breast, THPO (with attachment)
Derek Enderud, BLM, Dickinson, ND (with attachment)
Ryan Krapp, CarlsonMcCain (with attachment)
Jeffrey Hunt, Fort Berthold Agency

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Great Plains Regional Office
115 Fourth Avenue S.E.
Aberdeen, South Dakota 57401

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
DESCRM
MC-208

EXCEPTION CHECKLIST FOR BIA CATEGORICAL EXCLUSIONS

Date: April 30, 2012

Project: Addendum to Environmental Assessment to Authorize One Replacement Well on the Mason #2-11H Well Pad

Nature of Proposed Action: Is to authorize WPX Energy Williston, LLC (WPX) formerly known as Dakota-3 E&P Company, LLC (Dakota-# E&P), to drill a replacement horizontal oil and gas well bore on the existing pad of the Mason 2-11H. The replacement well, the Mason 2-11HWR, will be drilled and completed in replacement of the Mason 2-11HW. There will be no additional surface disturbance outside of a previous approved location. This document is tiered to an Environmental Assessment: Zenergy Operating Company, LLC, D-3 Brady #4-12, D-3 Brunsell #16-9H, D-3 FBIR #3-13H, D-3 Mason #3-2H, D-3 North Segment #4-6H, D-3 Olson #4-1H, D-3 Wolf #4-18H. (September 2009).

Exclusion category and number: 516 DM 10.5 F (1)

Evaluation of Exceptions to use of Categorical Exclusion:

1. This action would have significant adverse effects on public health or safety. No X Yes____
2. This action would have an adverse effect on unique geographical features, such as wetlands, wild or scenic rivers, refuges, floodplains, rivers placed on nationwide river inventory, or prime or unique farmlands. No X Yes____
3. The action will have highly controversial environmental effects. No X Yes____
4. The action will have highly uncertain environmental effects or involve unique or unknown environmental risks. No X Yes____
5. This action will establish a precedent for future actions. No X Yes____
6. This action is related to other actions with individually insignificant, but cumulatively significant environmental effects. No X Yes____
7. This action will affect properties listed or eligible for listing in the National Register of Historic Places. No X Yes____

8. This action will affect a species listed, or proposed to be listed as endangered or threatened. No __X__ Yes_____

9. This action threatens to violate federal, state, local or tribal law or requirements imposed for protection of the environment. No __X__ Yes_____

10. This action will have a disproportionately high and adverse effect on low income or minority populations. No __X__ Yes_____

11. This action will limit access to, and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners, or significantly adversely affect the physical integrity of such sacred sites. No __X__ Yes_____

12. This action will contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area, or may promote the introduction, growth, or expansion of the range of such species. No __X__ Yes_____

A "yes" to any of the above exceptions will require that an EA be prepared.

NEPA Action - - - CE __X__ EA _____

Preparer's Name and Title: Jeffrey Davis, Environmental Protection Specialist

Regional Archeologist Concurrence with Item 7 [signature]

Concur: Jeffrey R. Davis Date: 4-30-2012
Regional Office/~~Agency~~ Environmental Coordinator

Concur: Tim LaPointe Date: 5-2-2012
Acting Regional Director/Superintendent

ENVIRONMENTAL ASSESSMENT
Addendum

United States Bureau of Indian Affairs

Great Plains Regional Office
Aberdeen, South Dakota

WPX Energy Williston, LLC

Addendum to Environmental Assessment to Authorize a Replacement Well Bore on the Mason #2-11H Well Pad

Fort Berthold Indian Reservation

April 2012

For information contact:
Bureau of Indian Affairs, Great Plains Regional Office
Division of Environment, Safety and Cultural Resources Management
115 4th Avenue SE, Aberdeen, South Dakota 57401
(605) 226-7656

Table of Contents

1.0 Purpose and Need of Action 3
2.0 Authorities 3
3.0 Legal Land Descriptions of Proposed Action 3
4.0 Scope of Work for Proposed Action 3
5.0 Cultural and Natural Resource Surveys 3
6.0 Applicable National Environmental Policy Act (NEPA) Document(s) 4
7.0 Other Relevant Documentation 4
8.0 NEPA Adequacy Criteria 4

List of Figures

Figure 1. Mason 2-11H Well Pad Location 6

Appendices

APPENDIX A Plats, Drawings, and Diagrams for the Revised Mason #2-11H

1.0 Purpose and Need of Action

WPX Energy Williston, LLC (WPX) formerly known as Dakota-3 E&P Company, LLC (Dakota-3 E&P) is proposing to drill a replacement horizontal oil and gas well bore on the Fort Berthold Indian Reservation to develop the commercial potential of natural resources. Developments have been proposed on land held in trust by the United States in Mountrail County, North Dakota. The Bureau of Indian Affairs (BIA) is the surface management agency for potentially affected tribal lands and individual allotments. The BIA also holds title to subsurface mineral rights. The economic development of available resources and associated BIA actions are consistent with BIA's general mission. Leasing and development of mineral resources offers substantial economic benefits to the Three Affiliated Tribes of the Mandan, Hidatsa, and Arikara Nations and to individual tribal members.

The purpose of the proposed action is to authorize WPX to drill a replacement well bore on the existing well pad of the Mason 2-11H (Figure 1). The replacement well, the Mason 2-11HWR, will be drilled and completed in replacement of the Mason 2-11HW, which was rendered useless due to unfavorable geology resulting in the abandonment of the well.

2.0 Authorities

Oil and gas exploration and development activities are conducted under authority of the Indian Mineral Leasing Act of 1938 (25 United States Code [USC] 396a, et seq.), the Indian Mineral Development Act of 1982 (25 USC 2101, et seq.), and the Energy Policy Act of 2005 (42 USC 15801, et seq.).

3.0 Legal Land Descriptions of Proposed Action

The Mason 2-11H well site is located in the NE ¼ of the NW ¼ of Section 2, Township 150 North, Range 92 West, Mountrail County.

4.0 Scope of Work for Proposed Action

A replacement well, Mason 2-11HWR, will be drilled on the original pad site to the original intended bottom hole of the Mason 2-11HW. This proposed action will not require any additional surface disturbance.

5.0 Cultural and Natural Resource Surveys

No additional surveys for cultural or natural resources were conducted as the current approved pad will not be modified in size or orientation. WPX will comply with the mitigation measures specified in the original EA. All other conditions and findings of the original EA and EA Addendum will remain in effect. Based on the mitigation measures committed to by WPX, no

significant impacts to natural and cultural resources are anticipated. All other conditions and findings of the original EA will remain in effect.

6.0 Applicable National Environmental Policy Act (NEPA) Document(s)

Environmental Assessment: Zenergy Operating Company, LLC, D-3 Brady #4-12H, D-3 Brunsell #16-9H,D-3 FBIR #3-13H, D-3 Mason #3-2H, D-3 North Segment #4-6H, D-3 Olson #4-1H, D-3 Wolf #4-18H. September, 2009. *Finding of No Significant Impact: Zenergy Operating Company, LLC, D-3 Brady #4-12H, D-3 Brunsell #16-9H,D-3 FBIR #3-13H, D-3 Mason #3-2H, D-3 North Segment #4-6H, D-3 Olson #4-1H, D-3 Wolf #4-18H*. October, 2009.

Addendum to the Environmental Assessment: Dakota – 3 E&P Company, LLC, Addendum to Environmental Assessment to Authorize a Well Pad Expansion of the Mason #2-11H (October, 2011); Finding of No Significant Impact: *Dakota – 3 E&P Company, LLC, Addendum to Environmental Assessment to Authorize a Well Pad Expansion of the Mason #2-11H*. (November 1, 2011).

7.0 Other Relevant Documentation

(SWCA, 2011) Authors: Scott Yost, Damien Reinhart, and Chandler S. Herson
Title: A Class I and Class III Cultural Resource Inventory of the Mason #2-11H Well Pad Expansion, Fort Berthold Indian Reservation, Mountrail County, North Dakota
Report submittal to BIA: September 26, 2011.

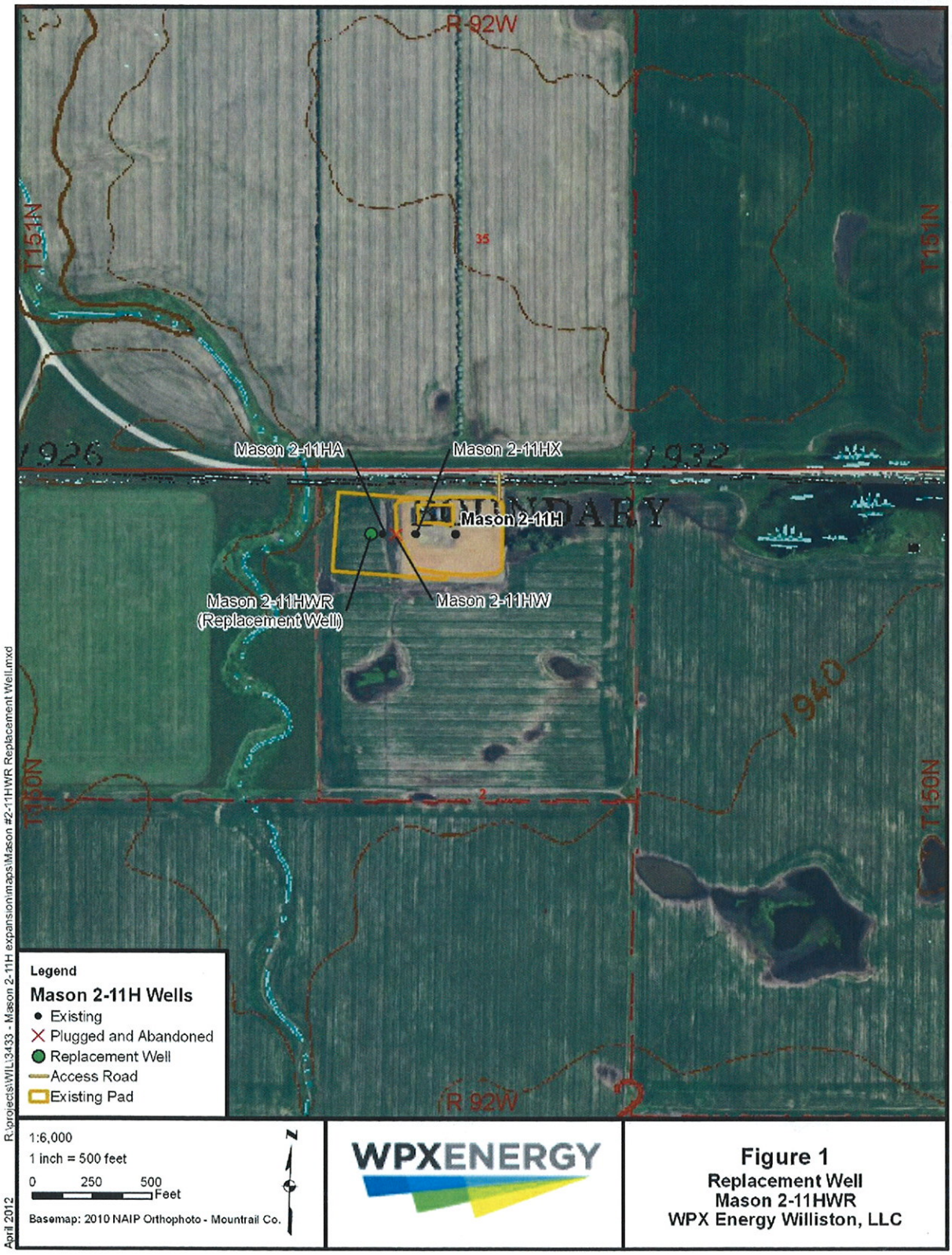
8.0 NEPA Adequacy Criteria

This document has identified a previously prepared NEPA document, *Environmental Assessment: Zenergy Operating Company, LLC, D-3 Brady #4-12H, D-3 Brunsell #16-9H,D-3 FBIR #3-13H, D-3 Mason #3-2H, D-3 North Segment #4-6H, D-3 Olson #4-1H, D-3 Wolf #4-18H* (September 2009), and *Addendum to the Environmental Assessment: Dakota – 3 E&P Company, LLC, Addendum to Environmental Assessment to Authorize a Well Pad Expansion of the Mason #2-11H* (October, 2011); which adequately describes the environmental consequences of the newly proposed action described herein, and meets the following NEPA Adequacy Criteria.

1. The proposed action is substantially the same action and at the site specifically analyzed in the existing NEPA document.
2. The range of alternatives is reasonable with respect to the current proposed action in the existing NEPA document, which appropriately considers and analyzes current environmental concerns, interests, and resource values.
3. The existing analysis and conclusions are adequate in the existing NEPA document. The analysis is still valid in light of new studies or resource assessment information.
4. The methodology and analytical approach used in the existing NEPA document continues to be appropriate for the proposed action.

5. The direct and indirect impacts of the proposed action are unchanged from those identified in the existing NEPA document.
6. The cumulative impacts that would result from implementation of the proposed action are unchanged from those analyzed in the existing NEPA document.
7. A 30-day comment period involving public input and interagency review was used in the development of the existing NEPA document.

Figure 1. Mason 2-11H Well Pad



APPENDIX A

Plats, Drawings, and Diagrams for the Revised Mason #2-11H Pad

DAKOTA-3 E&P COMPANY, LLC

MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR

LOCATED IN MOUNTRAIL COUNTY, NORTH DAKOTA
SECTION 2, T150N, R92W, 5th P.M.

PHOTO: VIEW OF LOCATION STAKES — CAMERA ANGLE: SOUTHERLY

PHOTO: VIEW OF LOCATION STAKES — CAMERA ANGLE: WESTERLY

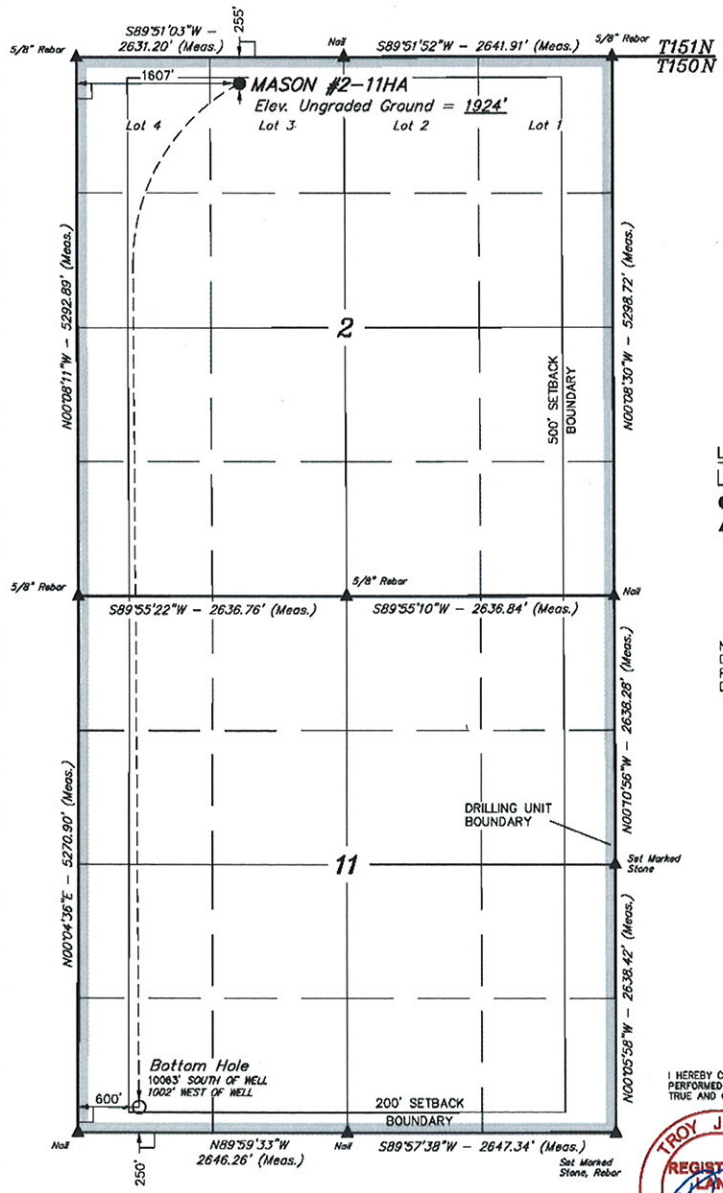
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

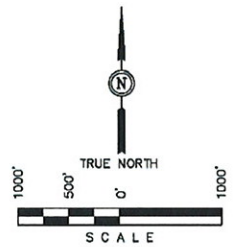
LOCATION PHOTOS	08 MONTH	05 DAY	11 YEAR	PHOTO
TAKEN BY: P.T.	DRAWN BY: S.F.	REV: 04-23-12 C.I.		

WELL LOCATION PLAT
T150N, R92W, 5th P.M.

DAKOTA-3 E&P COMPANY, LLC

Well location, MASON #2-11HA, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.





VERTICAL CONTROL DATUM: NAVD88

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NOTE:
DRILLING PATH HAS BEEN PROVIDED BY DAKOTA-3 E&P COMPANY, LLC.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4654 12-02 NORTH DAKOTA

Troy Jensen

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4654
STATE OF NORTH DAKOTA

REVISED: 12-02-11 S.L.

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°49'09.88" (47.819411) LONGITUDE = 102°25'34.66" (102.426294)	LATITUDE = 47°50'49.16" (47.846989) LONGITUDE = 102°25'19.72" (102.422144)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 47°49'09.84" (47.819400) LONGITUDE = 102°25'33.01" (102.425836)	LATITUDE = 47°50'49.12" (47.846976) LONGITUDE = 102°25'18.07" (102.421688)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	NAD 27 UTM 13N (SURFACE LOCATION)
N: 17385849.06 E: 2272600.66	N: 17395637.78 E: 2273284.01

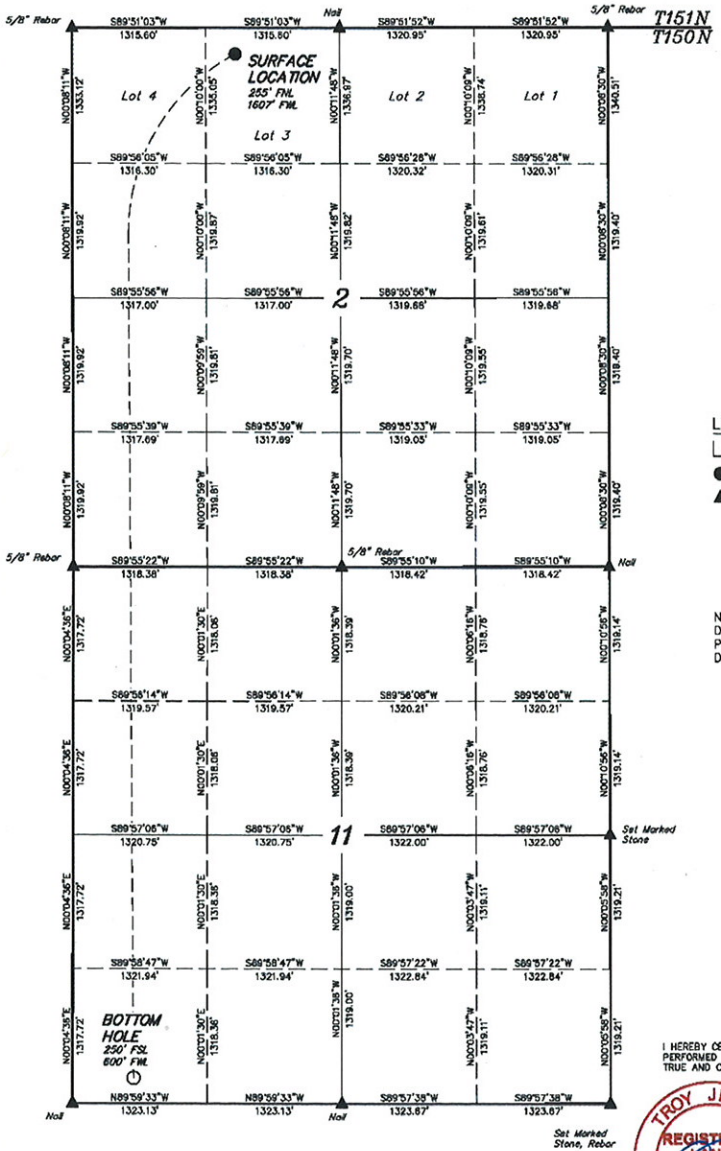
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

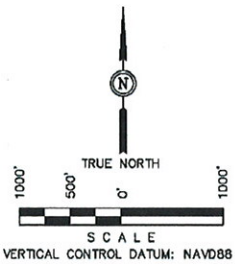
SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-22-11	08-04-11
PARTY: P.T. D.P.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: DAKOTA-3 E&P COMPANY, LLC	

SECTION BREAKDOWN
T150N, R92W, 5th P.M.

DAKOTA–3 E&P COMPANY, LLC

Well location, MASON #2–11HA, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.





VERTICAL CONTROL DATUM: NAVD88

LEGEND:

- ⌊ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NOTE:
DRILLING PATH HAS BEEN PROVIDED BY DAKOTA–3 E&P COMPANY, LLC.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4854 12-02 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4854
STATE OF NORTH DAKOTA

REVISED: 12–02–11 S.L.

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°49'09.88" (47.819411) LONGITUDE = 102°25'34.86" (102.426284)	LATITUDE = 47°50'49.16" (47.846989) LONGITUDE = 102°25'19.72" (102.422144)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 47°49'09.84" (47.819400) LONGITUDE = 102°25'33.01" (102.425836)	LATITUDE = 47°50'49.12" (47.846978) LONGITUDE = 102°25'18.07" (102.421688)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	NAD 27 UTM 13N (SURFACE LOCATION)
N: 17385849.06 E: 2272800.66	N: 17395937.78 E: 2273284.01

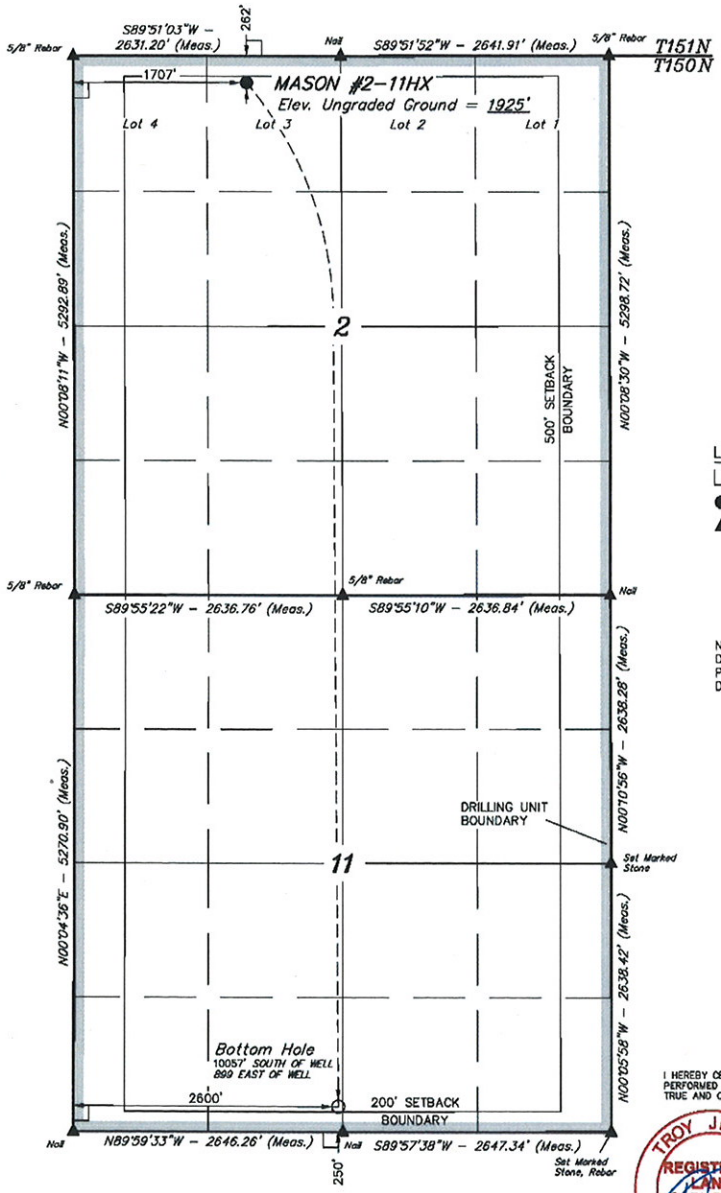
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

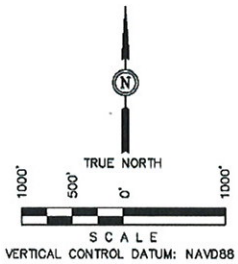
SCALE: 1" = 1000'	DATE SURVEYED: 07–22–11	DATE DRAWN: 08–04–11
PARTY: P.T. D.P.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: DAKOTA–3 E&P COMPANY, LLC	

WELL LOCATION PLAT
T150N, R92W, 5th P.M.

DAKOTA–3 E&P COMPANY, LLC

Well location, MASON #2–11HX, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.





LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NOTE:
DRILLING PATH HAS BEEN PROVIDED BY DAKOTA–3 E&P COMPANY, LLC.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4854 12-02-11 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4854
STATE OF NORTH DAKOTA

REVISED: 12–02–11 S.L.

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°49'09.84" (47.819400) LONGITUDE = 102°25'03.36" (102.418156)	LATITUDE = 47°50'48.09" (47.846969) LONGITUDE = 102°25'18.25" (102.421738)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 47°49'09.80" (47.819389) LONGITUDE = 102°25'03.71" (102.417697)	LATITUDE = 47°50'48.05" (47.846958) LONGITUDE = 102°25'18.60" (102.421278)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	NAD 27 UTM 13N (SURFACE LOCATION)
N: 17385911.72 E: 2274599.38	N: 17385934.04 E: 2273384.46

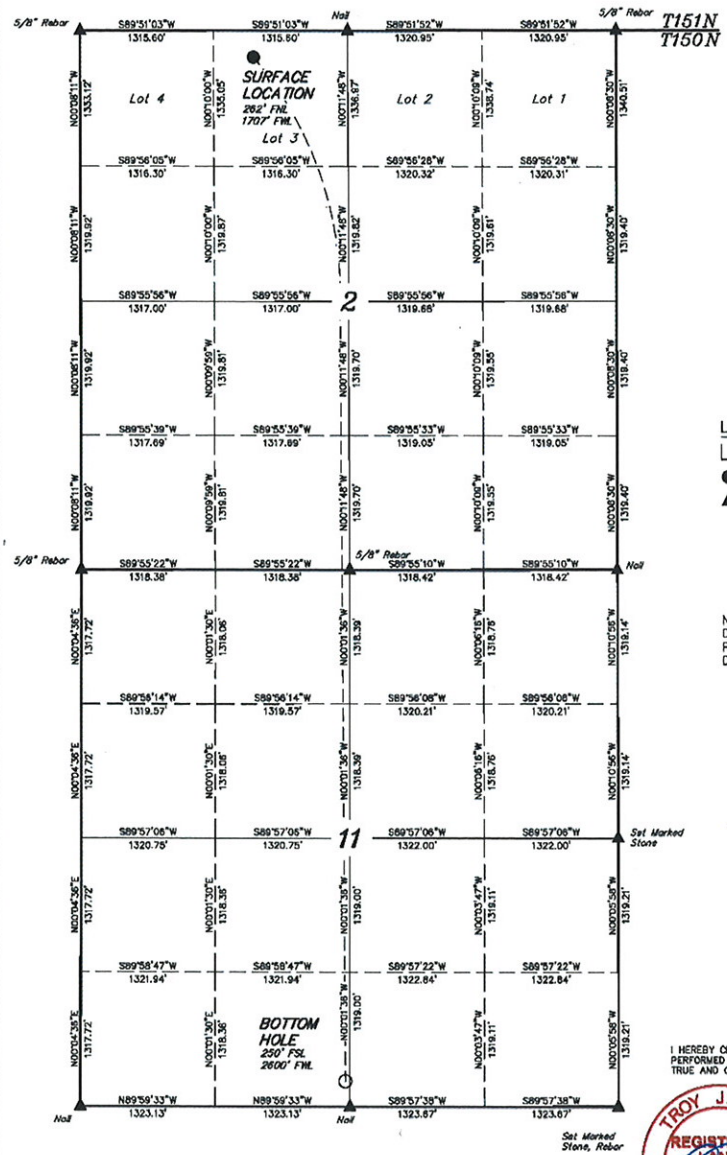
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

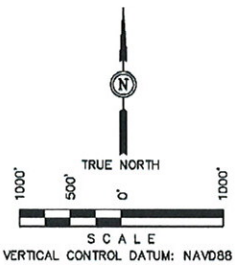
SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07–22–11	08–04–11
PARTY: P.T. D.P.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: DAKOTA–3 E&P COMPANY, LLC	

SECTION BREAKDOWN
T150N, R92W, 5th P.M.

DAKOTA-3 E&P COMPANY, LLC

Well location, MASON #2-11HX, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.





VERTICAL CONTROL DATUM: NAVD88

LEGEND:

- ⌊ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NOTE:
DRILLING PATH HAS BEEN PROVIDED BY DAKOTA-3 E&P COMPANY, LLC.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4654 12-02 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4654
STATE OF NORTH DAKOTA

REVISED: 12-02-11 S.L.

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°49'09.84" (47.819400) LONGITUDE = 102°25'05.36" (102.418156)	LATITUDE = 47°50'49.09" (47.846969) LONGITUDE = 102°25'18.25" (102.421738)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 47°49'09.80" (47.819389) LONGITUDE = 102°25'03.71" (102.417697)	LATITUDE = 47°50'49.05" (47.846958) LONGITUDE = 102°25'18.60" (102.421278)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	NAD 27 UTM 13N (SURFACE LOCATION)
N: 17385911.72 E: 2274599.38	N: 17395934.04 E: 2273384.46

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

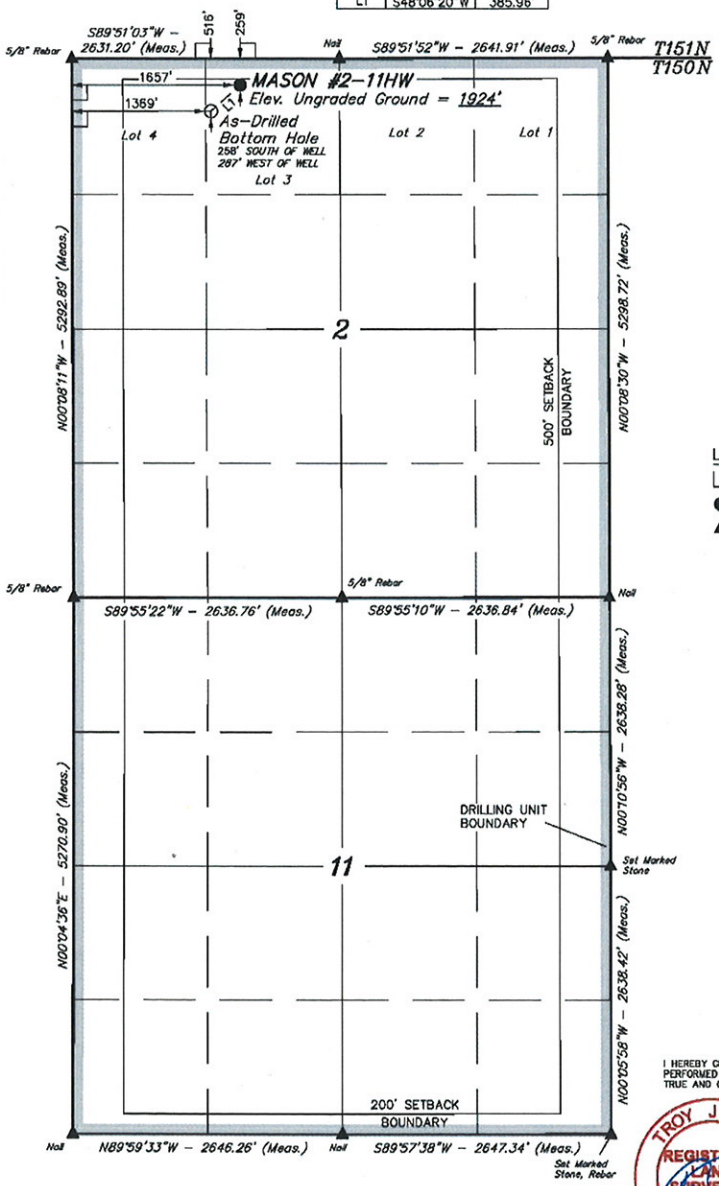
SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-22-11	08-04-11
PARTY: P.T. D.P.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: DAKOTA-3 E&P COMPANY, LLC	

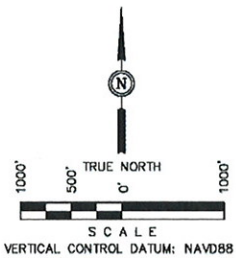
WELL LOCATION PLAT
T150N, R92W, 5th P.M.

DAKOTA-3 E&P COMPANY, LLC

Well location, MASON #2-11HW, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S48°06'20"W	385.96'





LEGEND:

- ⌞ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR REG. NO. 4654 04-20-12 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4654
STATE OF NORTH DAKOTA

REVISED: 04-20-12 S.L.
REVISED: 12-02-11 S.L.

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (AS-DRILLED BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°50'46.59" (47.846275) LONGITUDE = 102°25'23.20" (102.423111)	LATITUDE = 47°50'49.13" (47.846981) LONGITUDE = 102°25'18.99" (102.421942)
NAD 27 (AS-DRILLED BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 47°50'46.55" (47.846264) LONGITUDE = 102°25'21.55" (102.422653)	LATITUDE = 47°50'49.09" (47.846969) LONGITUDE = 102°25'17.34" (102.421483)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	**NAD 27 UTM 13N (SURFACE LOCATION)**
N: 17395669.58 E: 2273055.45	N: 17395936.40 E: 2273333.88

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

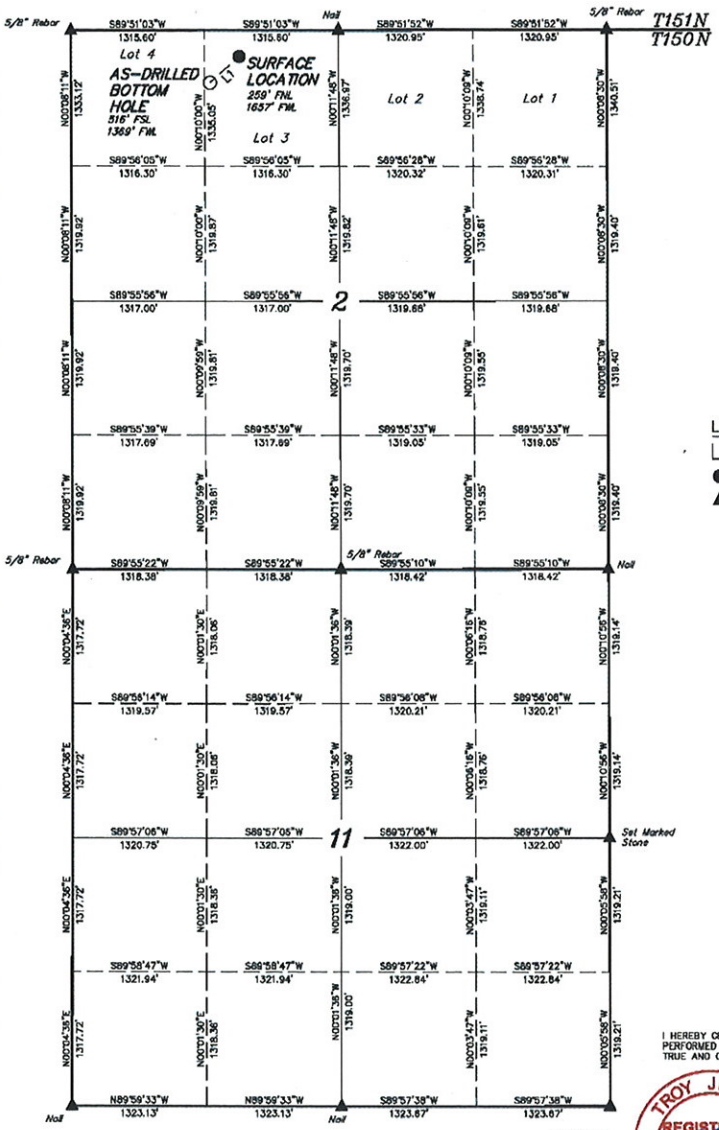
SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-22-11	08-04-11
PARTY: P.T. D.P.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: DAKOTA-3 E&P COMPANY, LLC	

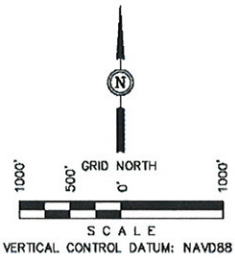
SECTION BREAKDOWN
T150N, R92W, 5th P.M.

DAKOTA-3 E&P COMPANY, LLC

Well location, MASON #2-11HW, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S49°16'14"W	393.20'





VERTICAL CONTROL DATUM: NAVD88

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4654 04-20-12 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4654
STATE OF NORTH DAKOTA

REVISED: 04-20-12 S.L.
REVISED: 12-02-11 S.L.

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°50'46.59" (47.846275) LONGITUDE = 102°25'23.20" (102.423111)	LATITUDE = 47°50'49.13" (47.846981) LONGITUDE = 102°25'18.99" (102.421942)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 47°50'46.55" (47.846264) LONGITUDE = 102°25'21.55" (102.422653)	LATITUDE = 47°50'49.09" (47.846969) LONGITUDE = 102°25'17.34" (102.421483)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	NAD 27 UTM 13N (SURFACE LOCATION)
N: 17395669.58 E: 2273055.45	N: 17395936.40 E: 2273333.88

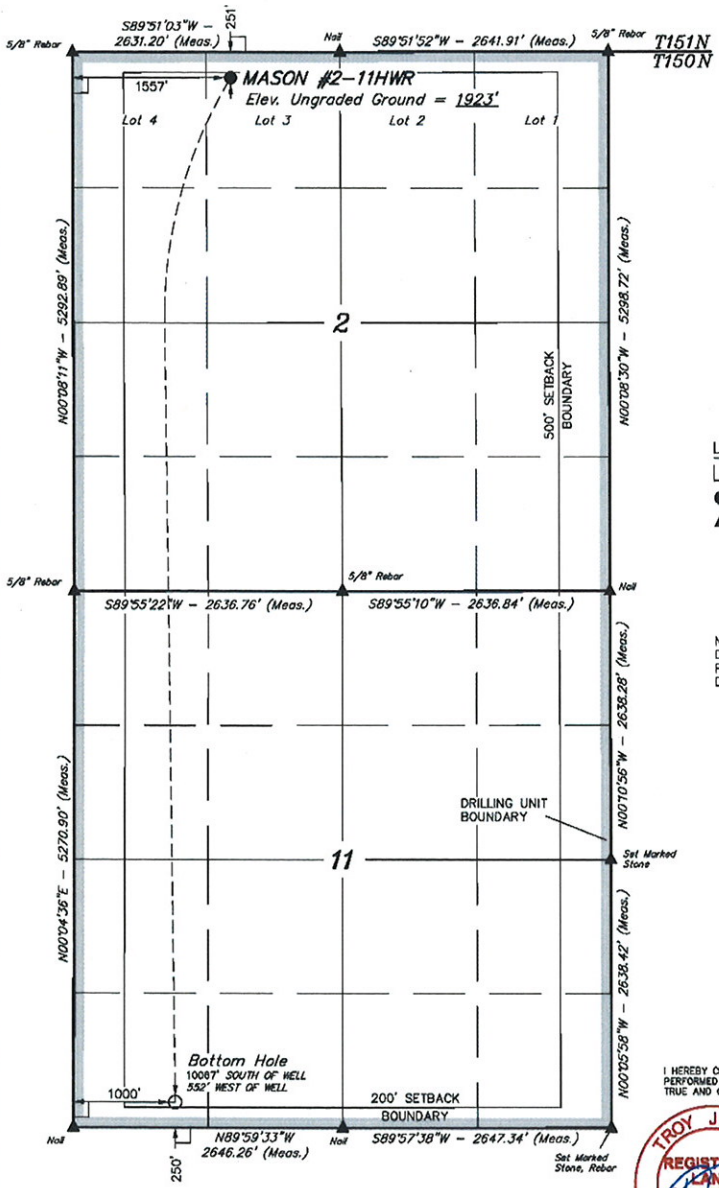
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

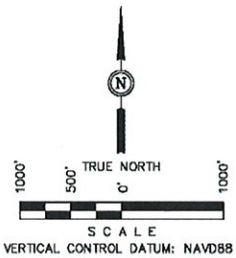
SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-22-11	08-04-11
PARTY: P.T. D.P.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: DAKOTA-3 E&P COMPANY, LLC	

WELL LOCATION PLAT
T150N, R92W, 5th P.M.

DAKOTA–3 E&P COMPANY, LLC

Well location, MASON #2–11HWR, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.





LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NOTE:
DRILLING PATH HAS BEEN PROVIDED BY DAKOTA–3 E&P COMPANY, LLC.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4654 04-19-12 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4654
STATE OF NORTH DAKOTA

REVISED: 04–20–12

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°49'09.87" (47.819408) LONGITUDE = 102°25'28.80" (102.424667)	LATITUDE = 47°50'49.20" (47.847000) LONGITUDE = 102°25'20.45" (102.422347)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 47°49'09.83" (47.819397) LONGITUDE = 102°25'27.15" (102.424208)	LATITUDE = 47°50'49.16" (47.846989) LONGITUDE = 102°25'18.80" (102.421889)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	NAD 27 UTM 13N (SURFACE LOCATION)
N: 17385861.38 E: 2273000.41	N: 17395940.17 E: 2273234.10

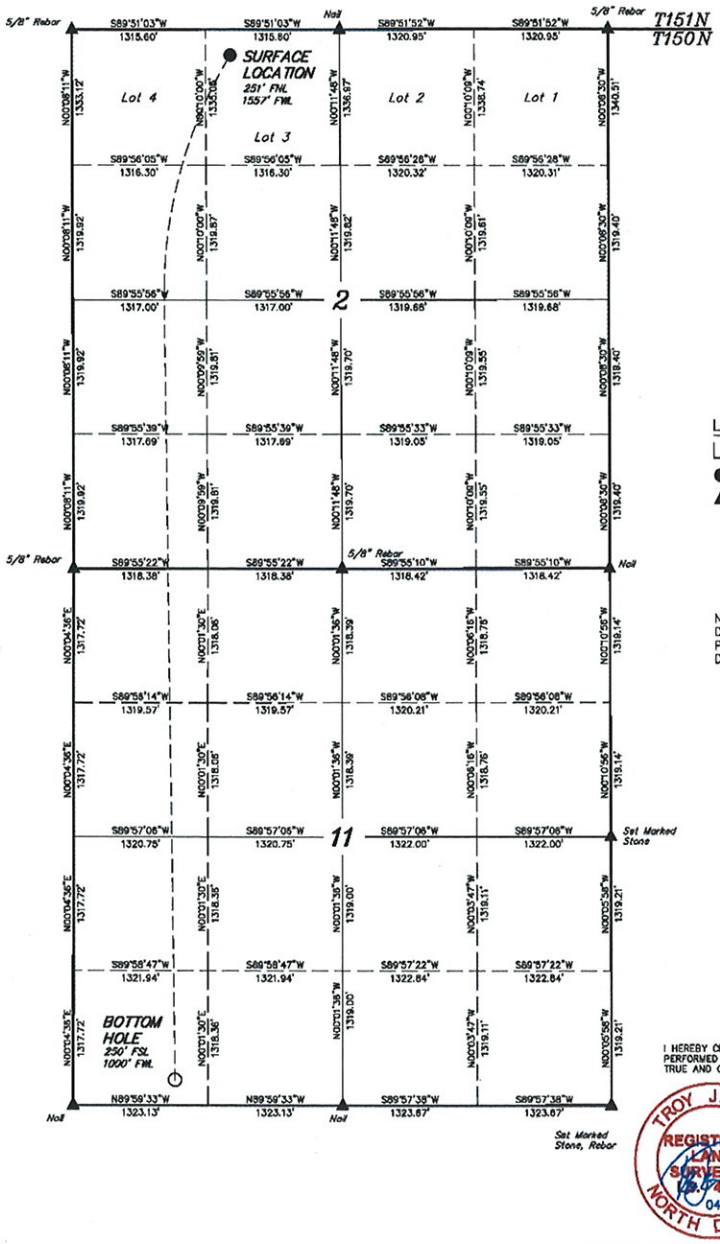
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07–22–11	04–19–12
PARTY: P.T. D.P. S.L.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: DAKOTA–3 E&P COMPANY, LLC	

SECTION BREAKDOWN
T150N, R92W, 5th P.M.

DAKOTA-3 E&P COMPANY, LLC

Well location, MASON #2-11HWR, located as shown in LOT 3 of Section 2, T150N, R92W, 5th P.M., Mountrail County, North Dakota.



VERTICAL CONTROL DATUM: NAVD88

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NOTE:
DRILLING PATH HAS BEEN PROVIDED BY DAKOTA-3 E&P COMPANY, LLC.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4654 04-19-12 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4654
STATE OF NORTH DAKOTA

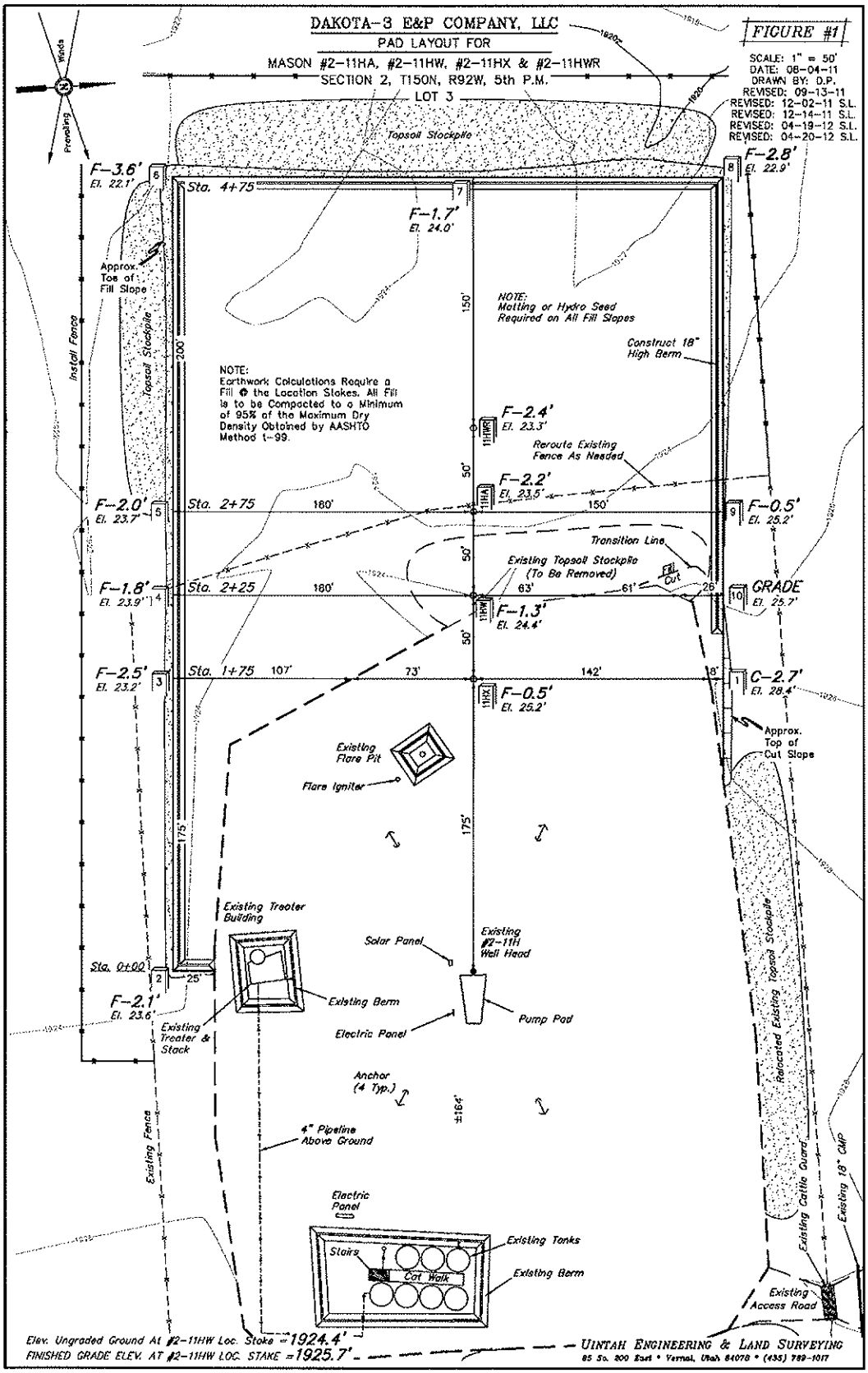
REVISED: 04-20-12

[derived from: N.G.S. O.P.U.S. Solution REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)]

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 47°49'09.87" (47.819408) LONGITUDE = 102°25'28.80" (102.424667)	LATITUDE = 47°50'49.20" (47.847000) LONGITUDE = 102°25'20.45" (102.422347)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 47°49'09.83" (47.819397) LONGITUDE = 102°25'27.15" (102.424208)	LATITUDE = 47°50'49.16" (47.846989) LONGITUDE = 102°25'18.80" (102.421889)
NAD 27 UTM 13N (TARGET BOTTOM HOLE)	NAD 27 UTM 13N (SURFACE LOCATION)
N: 17385861.38 E: 2273000.41	N: 17395940.17 E: 2273234.10

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-22-11	04-19-12
PARTY: P.T. D.P. S.L.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: DAKOTA-3 E&P COMPANY, LLC	


DAKOTA-3 E&P COMPANY, LLC
PAD LAYOUT FOR
MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T150N, R92W, 5th P.M.
LOT 3
FIGURE #1
SCALE: 1" = 50'
DATE: 08-04-11
DRAWN BY: D.P.
REVISED: 09-13-11
REVISED: 12-02-11 S.L.
REVISED: 12-14-11 S.L.
REVISED: 04-19-12 S.L.
REVISED: 04-20-12 S.L.
Topsoil Stockpile
F-3.6'
El. 22.1'
F-2.8'
El. 22.9'
Sta. 4+75
F-1.7'
El. 24.0'
Approx. Toe of Fill Slope
Install Fence
Topsoil Stockpile
NOTE:
Matting or Hydro Seed Required on All Fill Slopes
Construct 18" High Berm
NOTE:
Earthwork Calculations Require a Fill @ the Location Stakes. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.
F-2.4'
El. 23.3'
Reroute Existing Fence As Needed
F-2.2'
El. 23.5'
F-2.0'
El. 23.7'
Sta. 2+75
F-0.5'
El. 25.2'
Transition Line
Existing Topsoil Stockpile (To Be Removed)
F-1.8'
El. 23.9'
Sta. 2+25
GRADE
El. 25.7'
F-1.3'
El. 24.4'
F-2.5'
El. 23.2'
Sta. 1+75
C-2.7'
El. 28.4'
F-0.5'
El. 25.2'
Approx. Top of Cut Slope
Existing Flare Pit
Flare Igniter
Existing Treater Building
Solar Panel
Existing #2-11H Well Head
Sta. 0+00
F-2.1'
El. 23.6'
Existing Berm
Pump Pad
Electric Panel
Existing Treater & Stack
Anchor (4 Typ.)
4" Pipeline Above Ground
Existing Fence
Relocated Existing Topsoil Stockpile
Existing Cattle Guard
Existing 18" CMP
Electric Panel
Stairs
Cat Walk
Existing Tanks
Existing Berm
Existing Access Road
Elev. Ungraded Ground At #2-11HW Loc. Stake = 1924.4'
FINISHED GRADE ELEV. AT #2-11HW LOC. STAKE = 1925.7'
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

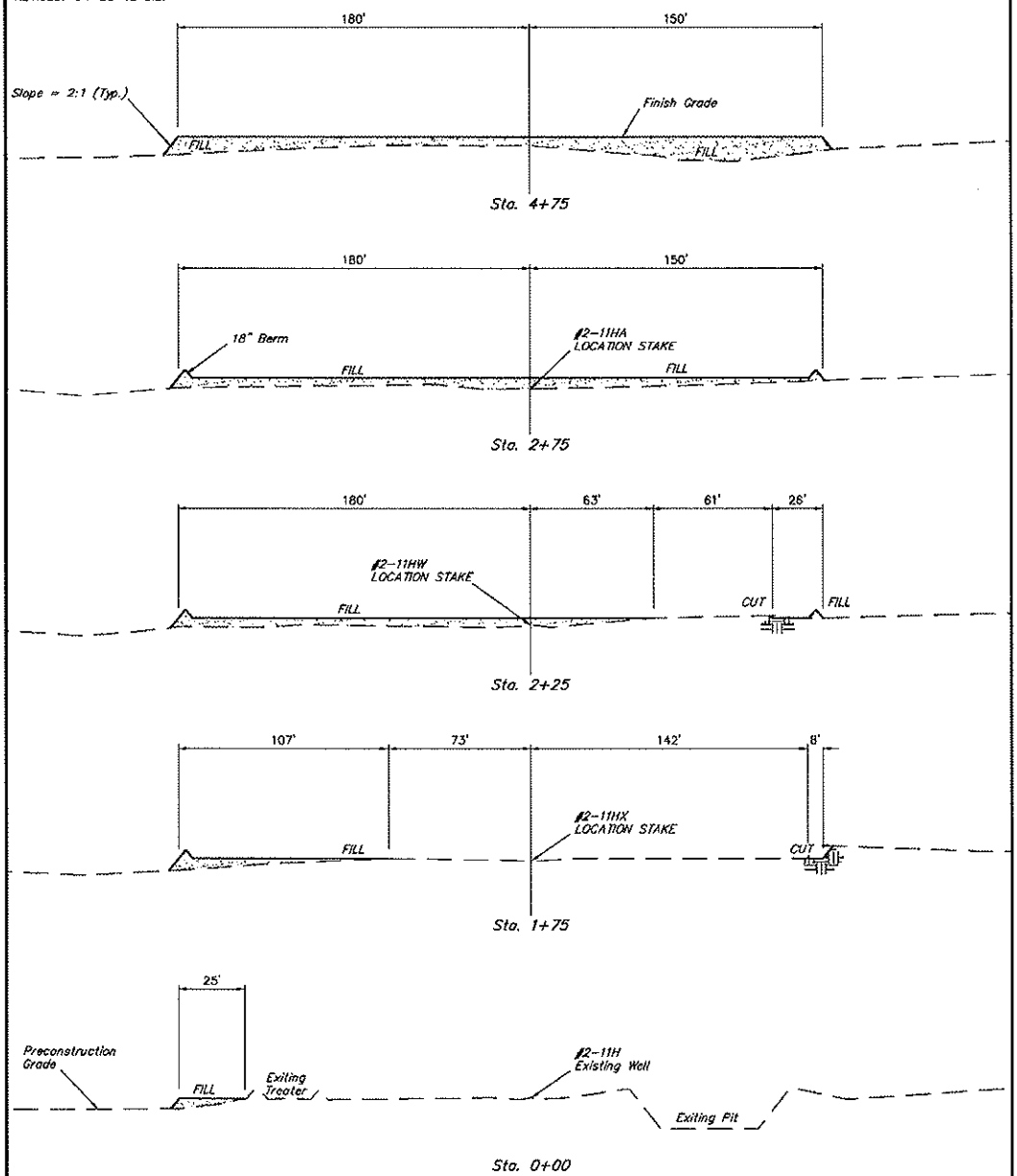
X-Section Scale
1" = 50'
1" = 20'

DATE: 08-04-11
DRAWN BY: D.P.
REVISED: 04-19-12 S.L.
REVISED: 04-20-12 S.L.

DAKOTA-3 E&P COMPANY, LLC

TYPICAL CROSS SECTIONS FOR
MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T15ON, R92W, 5th P.M.
LOT 3

FIGURE #2



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

* NOTE:
OBTAIN DEFICIT MATERIAL FROM
APPROVED BARROW AREA

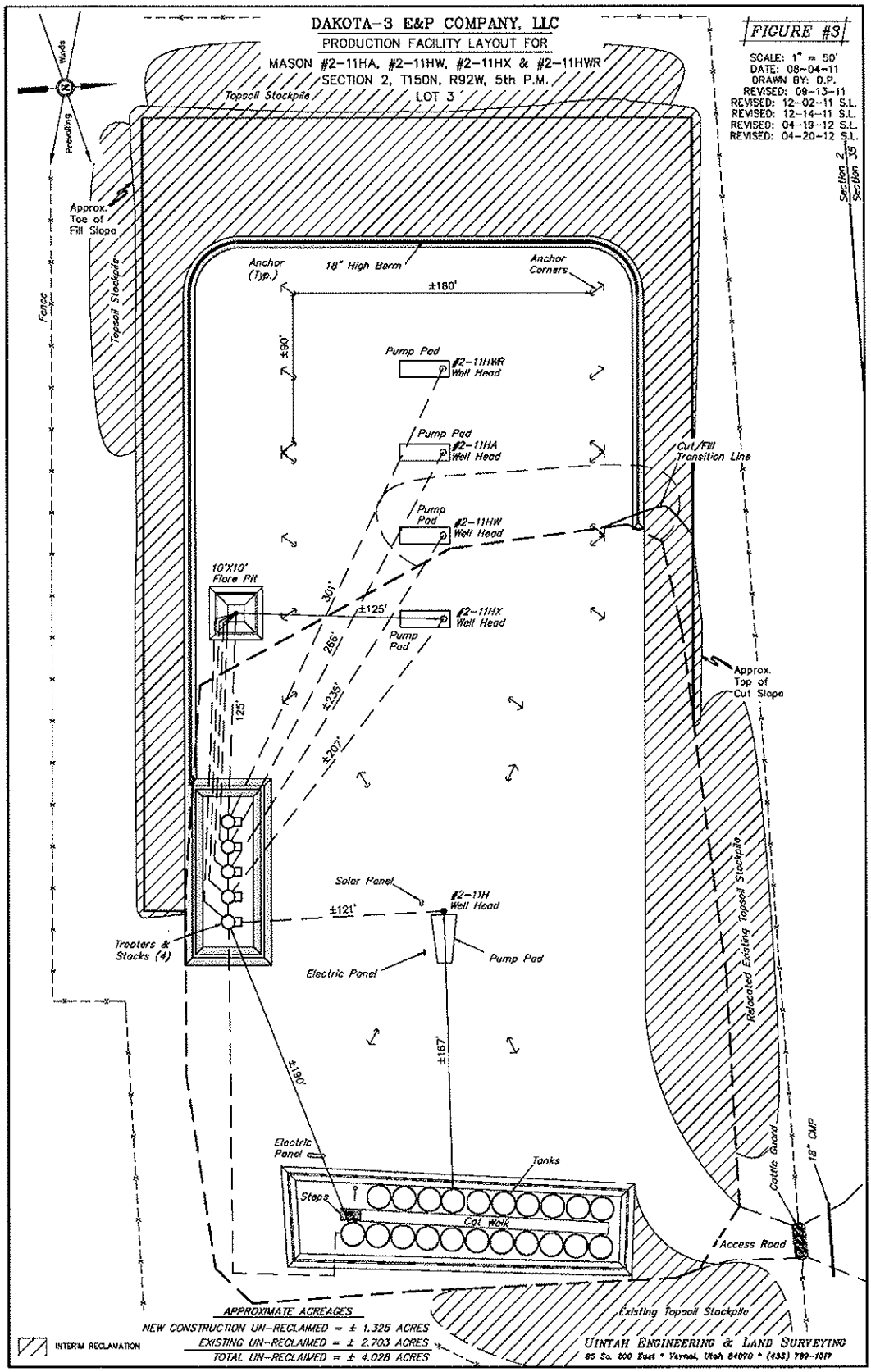
APPROXIMATE YARDAGES

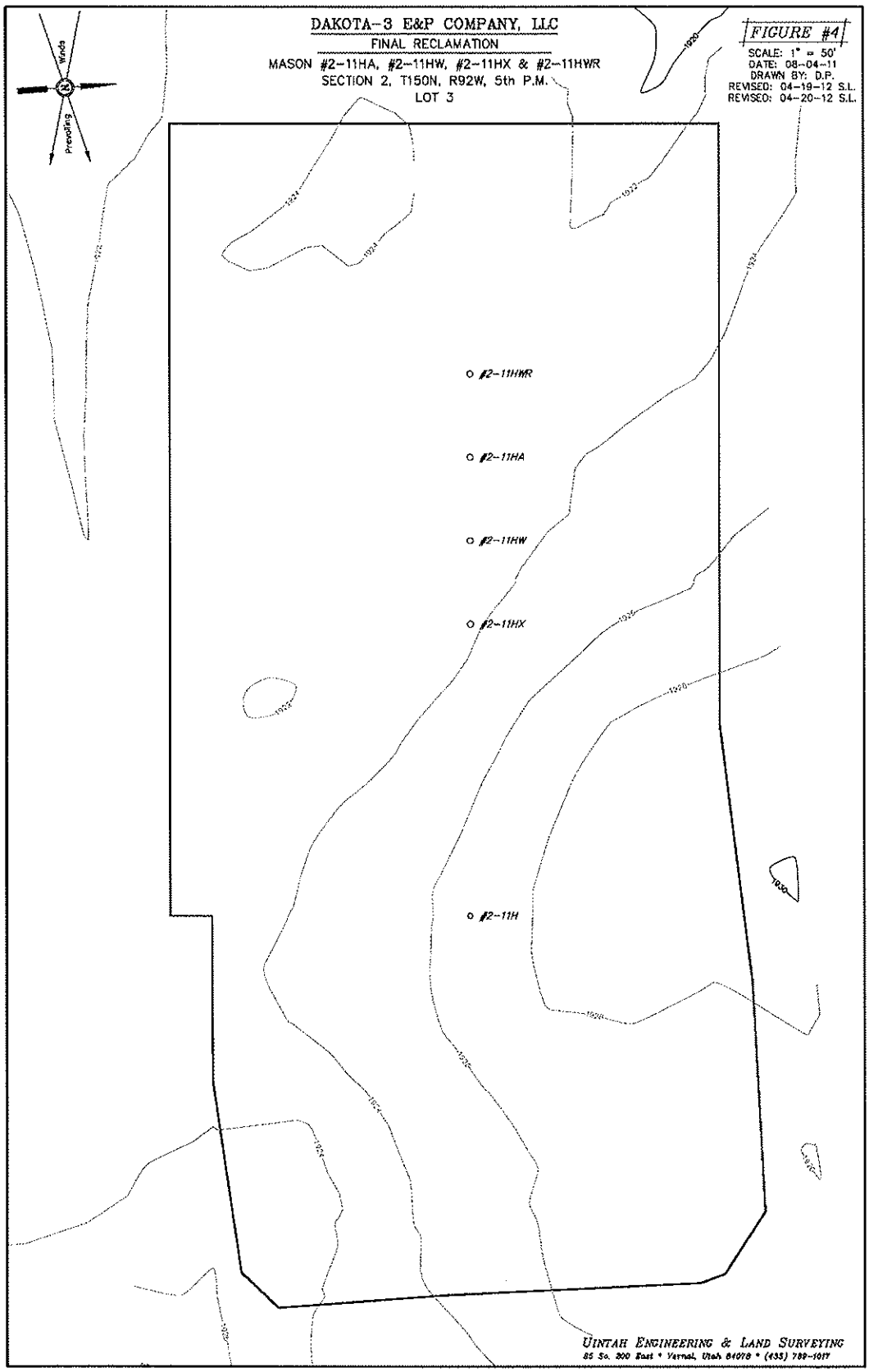
(6") Topsoil Stripping	=	1,990 Cu. Yds.
Remaining Location	=	50 Cu. Yds.
TOTAL CUT	=	2,040 CU.YDS.
FILL	=	10,190 CU.YDS.

DEFICIT MATERIAL	=	<8,150> Cu. Yds.
Topsoil	=	1,990 Cu. Yds.
DEFICIT UNBALANCE (After Interim Rehabilitation)	=	<10,140> Cu. Yds.

APPROXIMATE ACREAGES
WELL SITE AREA OF LOSS = ± 2.731 ACRES

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017


DAKOTA-3 E&P COMPANY, LLC
PRODUCTION FACILITY LAYOUT FOR
MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T15ON, R92W, 5th P.M.
LOT 3
FIGURE #3
SCALE: 1" = 50'
DATE: 08-04-11
DRAWN BY: D.P.
REVISED: 09-13-11
REVISED: 12-02-11 S.L.
REVISED: 12-14-11 S.L.
REVISED: 04-19-12 S.L.
REVISED: 04-20-12 S.L.
Winds
Prevailing
Topsoil Stockpile
Approx. Toe of Fill Slope
Fence
Topsoil Stockpile
Anchor (Typ.)
18" High Berm
Anchor Corners
±160'
±90'
Pump Pad
#2-11HWR Well Head
Pump Pad
#2-11HA Well Head
Cut/Fill Transition Line
Pump Pad
#2-11HW Well Head
10'X10' Flare Pit
301'
±125'
#2-11HX Well Head
Pump Pad
285'
±235'
125'
±207'
Approx. Top of Cut Slope
Solar Panel
#2-11H Well Head
±121'
Trooters & Stacks (4)
Electric Panel
Pump Pad
Relocated Existing Topsoil Stockpile
±167'
±190'
Electric Panel
Tanks
Steps
Cat Walk
Cattle Guard
18" CMP
Access Road
Existing Topsoil Stockpile
Section 2
Section 35
APPROXIMATE ACREAGES
NEW CONSTRUCTION UN-RECLAIMED = ± 1.325 ACRES
EXISTING UN-RECLAIMED = ± 2.703 ACRES
TOTAL UN-RECLAIMED = ± 4.028 ACRES
INTERIM RECLAMATION
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

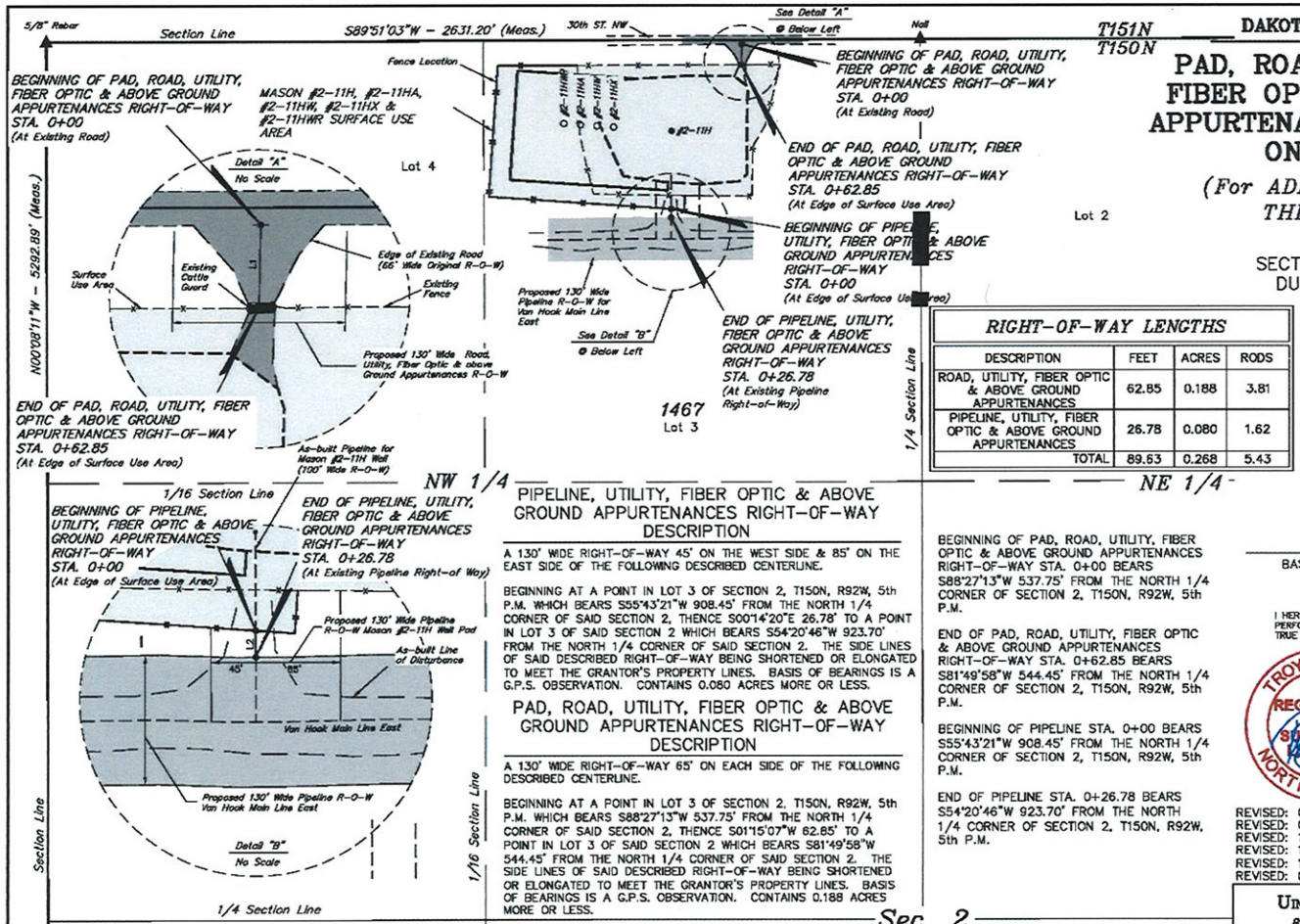

DAKOTA-3 E&P COMPANY, LLC
FINAL RECLAMATION
MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T15ON, R92W, 5th P.M.
LOT 3
FIGURE #4
SCALE: 1" = 50'
DATE: 08-04-11
DRAWN BY: D.P.
REVISED: 04-19-12 S.L.
REVISED: 04-20-12 S.L.
Winds
Prevailing
N
#2-11HWR
#2-11HA
#2-11HW
#2-11HX
#2-11H
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

DAKOTA-3 E&P COMPANY, LLC

PAD, ROAD, PIPELINE, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHTS-OF-WAY ON TRIBAL LANDS

(For ADDITIONAL BOREHOLE FOR THE MASON #2-11HWR)

LOCATED IN
SECTION 2, T150N, R92W, 5th P.M.,
DUNN COUNTY, NORTH DAKOTA



RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
ROAD, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES	62.85	0.188	3.81
PIPELINE, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES	26.78	0.080	1.62
TOTAL	89.63	0.268	5.43

PIPELINE, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHT-OF-WAY DESCRIPTION

A 130' WIDE RIGHT-OF-WAY 45' ON THE WEST SIDE & 85' ON THE EAST SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN LOT 3 OF SECTION 2, T150N, R92W, 5th P.M. WHICH BEARS S55°43'21"W 908.45' FROM THE NORTH 1/4 CORNER OF SAID SECTION 2, THENCE S00°14'20"E 26.78' TO A POINT IN LOT 3 OF SAID SECTION 2 WHICH BEARS S54°20'46"W 923.70' FROM THE NORTH 1/4 CORNER OF SAID SECTION 2. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.080 ACRES MORE OR LESS.

PAD, ROAD, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHT-OF-WAY DESCRIPTION

A 130' WIDE RIGHT-OF-WAY 65' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN LOT 3 OF SECTION 2, T150N, R92W, 5th P.M. WHICH BEARS S88°27'13"W 537.75' FROM THE NORTH 1/4 CORNER OF SAID SECTION 2, THENCE S01°15'07"W 62.85' TO A POINT IN LOT 3 OF SAID SECTION 2 WHICH BEARS S81°49'58"W 544.45' FROM THE NORTH 1/4 CORNER OF SAID SECTION 2. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.188 ACRES MORE OR LESS.

BEGINNING OF PAD, ROAD, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHT-OF-WAY STA. 0+00 BEARS S88°27'13"W 537.75' FROM THE NORTH 1/4 CORNER OF SECTION 2, T150N, R92W, 5th P.M.

END OF PAD, ROAD, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHT-OF-WAY STA. 0+62.85 BEARS S81°49'58"W 544.45' FROM THE NORTH 1/4 CORNER OF SECTION 2, T150N, R92W, 5th P.M.

BEGINNING OF PIPELINE STA. 0+00 BEARS S55°43'21"W 908.45' FROM THE NORTH 1/4 CORNER OF SECTION 2, T150N, R92W, 5th P.M.

END OF PIPELINE STA. 0+26.78 BEARS S54°20'46"W 923.70' FROM THE NORTH 1/4 CORNER OF SECTION 2, T150N, R92W, 5th P.M.

WELL LOCATION ACRES

DESCRIPTION	ACRES
WELL PAD EXPANSION	2.731
TOTAL WELL PAD AREA	7.635

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S01°15'07"W	62.85'
L2	S00°14'20"E	26.78'

TRUE NORTH

1000' 500' 0' 1000'

SCALE

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TROY JENSEN REGISTERED LAND SURVEYOR No. 4854 04-20-12 NORTH DAKOTA

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4854
STATE OF NORTH DAKOTA

REVISED: 04-20-12
REVISED: 04-19-12
REVISED: 12-14-11
REVISED: 12-06-11
REVISED: 12-02-11
REVISED: 09-13-11

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 09-07-11
PARTY A.K. G.C. S.L.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 51051

DAKOTA-3 E&P COMPANY, LLC
ADDITIONAL BOREHOLE FOR THE MASON #2-11HWR
PAD, ROAD, PIPELINE, UTILITY, FIBER OPTIC & ABOVE
GROUND APPURTENANCES RIGHTS-OF-WAY
SECTION 2, T150N, R92W, 5th P.M.

PAD, ROAD, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHTS-OF-WAY ON TRIBAL LANDS

TOTAL LENGTH OF RIGHTS-OF-WAY IS 62.85' OR 0.012 MILES. WIDTH OF RIGHT-OF-WAY IS 130' (65' PERPENDICULAR ON EACH SIDE). CONTAINS 0.188 ACRES MORE OR LESS.

PIPELINE, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHTS-OF-WAY ON TRIBAL LANDS

TOTAL LENGTH OF RIGHTS-OF-WAY IS 26.78' OR 0.005 MILES. WIDTH OF RIGHT-OF-WAY IS 130' (45' ON THE WEST SIDE AND 85' ON THE EAST SIDE). CONTAINS 0.080 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF MONTANA)
) SS
COUNTY OF RICHLAND)

TROY JENSEN, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR DAKOTA-3 E&P COMPANY, LLC, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE SURFACE USE AREA AND PAD, ROAD, PIPELINE, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHTS-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHTS-OF-WAY, BEGINNING AND ENDING AS SHOWN ON THIS MAP ARE ACCURATELY REPRESENTED.

TROY JENSEN
REGISTERED LAND SURVEYOR
REG. 4654
04-20-12
NORTH DAKOTA

Troy Jensen

REGISTERED LAND SURVEYOR
REGISTRATION NO. 4654
STATE OF NORTH DAKOTA

APPLICANT'S CERTIFICATE

I,_____, DO HEREBY CERTIFY THAT I AM THE AGENT FOR, DAKOTA-3 E&P COMPANY, LLC, HEREINAFTER DESIGNATED THE APPLICANT; THAT TROY JENSEN WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THESE PAD, ROAD, PIPELINE, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHTS-OF-WAY, BEGINNING AND ENDING AS SHOWN, THAT SAID PAD, ROAD, PIPELINE, UTILITY, FIBER OPTIC & ABOVE GROUND APPURTENANCES RIGHTS-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHTS-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

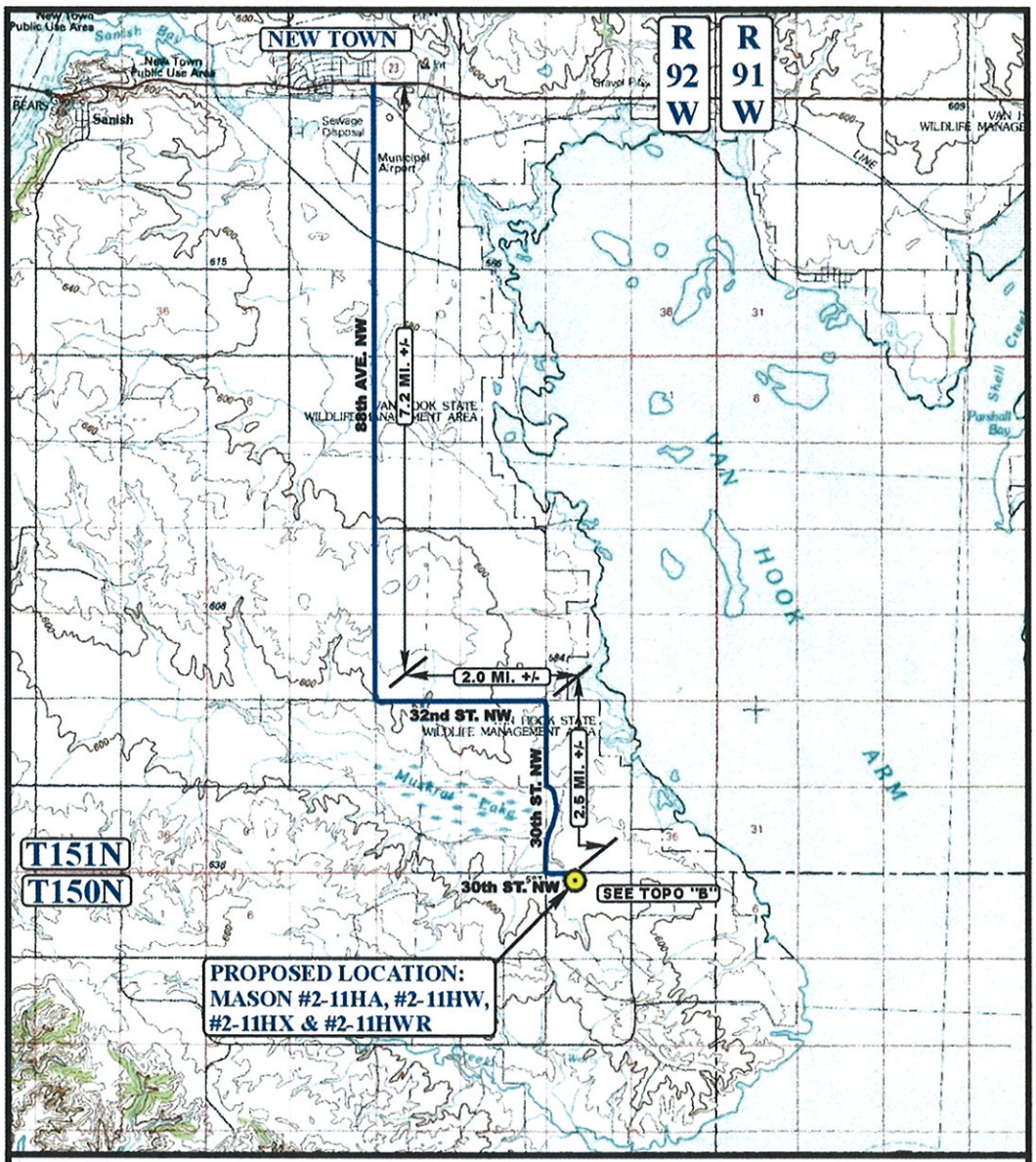
_____
APPLICANT

_____
TITLE

DAKOTA-3 E&P COMPANY, LLC
MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T150N, R92W, 5th P.M.

PROCEED IN A SOUTHERLY DIRECTION FROM NEW TOWN, NORTH DAKOTA ALONG 88TH AVE NW APPROXIMATELY 7.2 MILES TO THE JUNCTION OF THIS ROAD AND 32ND ST NW TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND 30TH ST NW TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN EASTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 110' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM NEW TOWN, NORTH DAKOTA TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 11.7 MILES.



LEGEND:

PROPOSED LOCATION

N

DAKOTA-3 E&P COMPANY, LLC

MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T150N, R92W, 5th P.M.
LOT 3

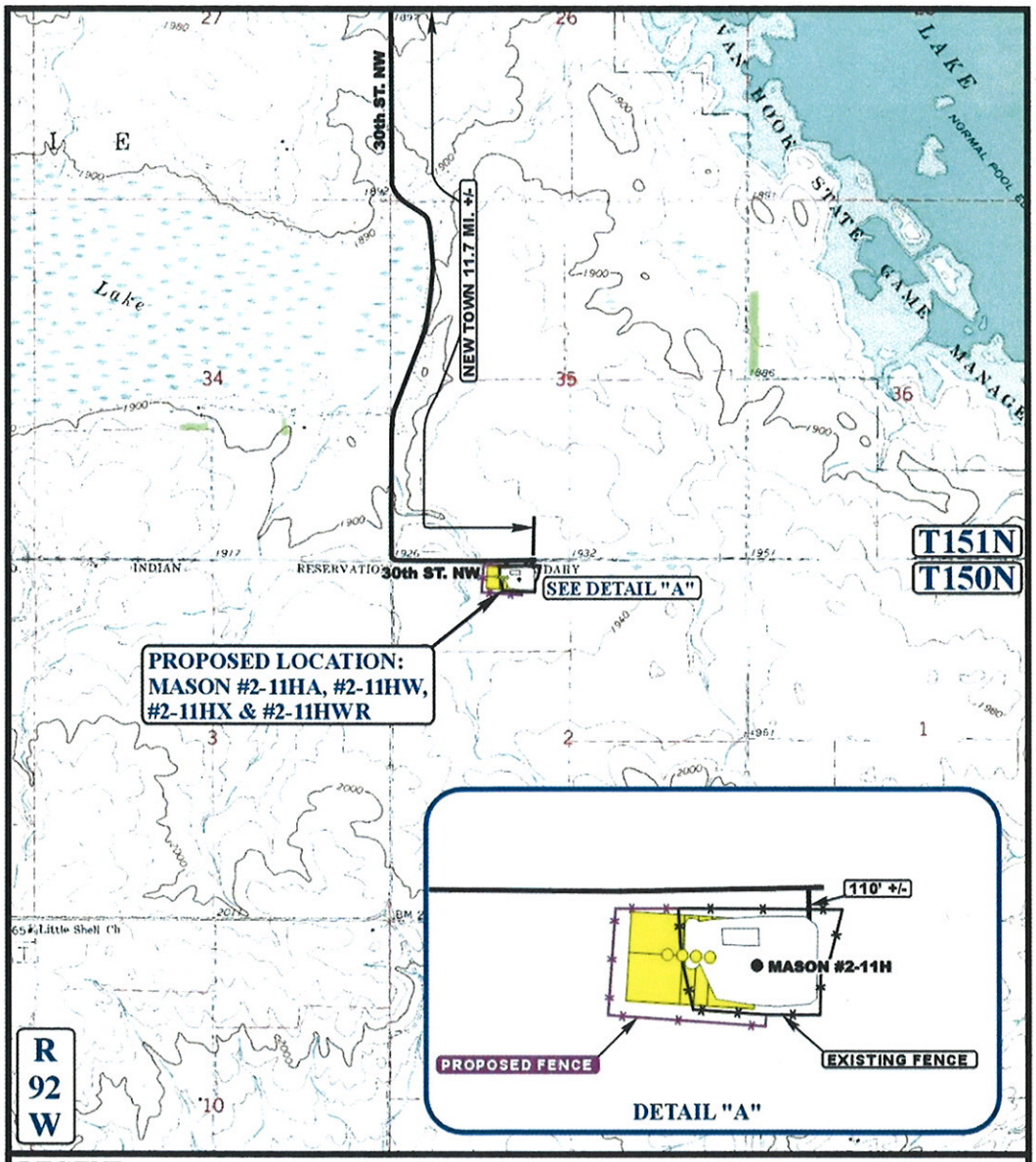
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP

08	05	11
MONTH	DAY	YEAR

SCALE: 1:100,000 | DRAWN BY: S.F. | REV: 04-23-12 C.I.

A TOPO



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING FENCE
- PROPOSED FENCE

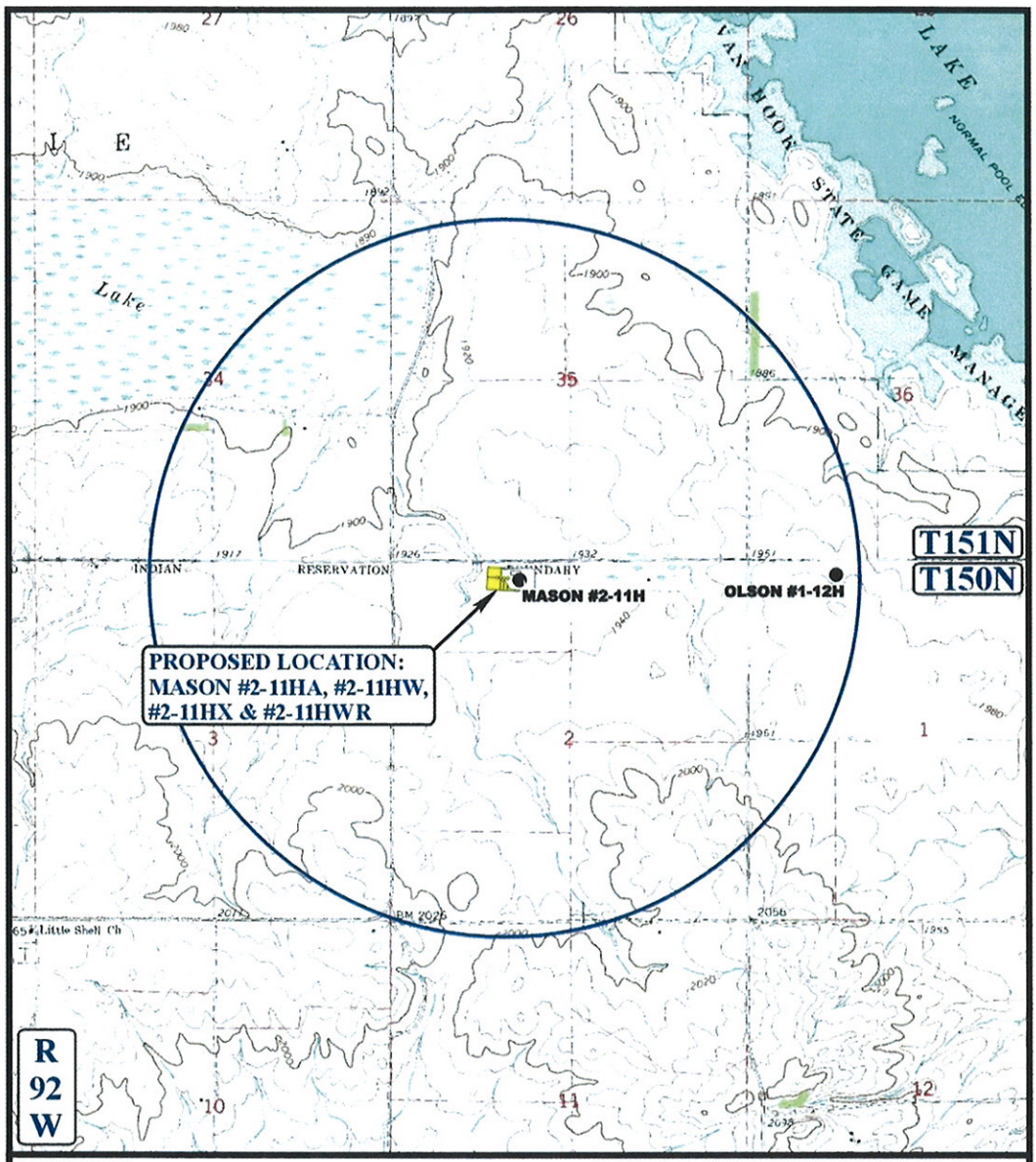
N

DAKOTA-3 E&P COMPANY, LLC

MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T150N, R92W, 5th P.M.
LOT 3

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	08 MONTH	05 DAY	11 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: S.F.	REV: 04-23-12 C.L.		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

DAKOTA-3 E&P COMPANY, LLC

MASON #2-11HA, #2-11HW, #2-11HX & #2-11HWR
SECTION 2, T150N, R92W, 5th P.M.
LOT 3

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	05 DAY	11 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: S.F.	REV: 04-23-12 C.L.		