



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

IN REPLY REFER TO:

DESCRM
MC-208

NOV 21 2012

MEMORANDUM

TO: Superintendent, Fort Berthold Agency

FROM: ^{Acting} Regional Director, Great Plains Region

SUBJECT: Environmental Assessment Addendum and Finding of No Significant Impact

In compliance with the regulations of the National Environmental Policy Act (NEPA) of 1969, as amended, an Environmental Assessment (EA) Addendum has been completed and a Finding of No Significant Impact (FONSI) has been issued. The Addendum authorizes land use for the expansion of the Delores Sand #29-32H well pad to accommodate the addition of the HD and HZ oil and gas wells on the Fort Berthold Indian Reservation.

All the necessary requirements of the National Environmental Policy Act have been completed. Attached for your files is a copy of the Addendum, FONSI and Notice of Availability. The Council on Environmental Quality (CEQ) regulations require that there be a public notice of availability of the (40 C.F.R. Section 1506.6(b)). Please post the attached notice of availability at the Agency and Tribal buildings for 30 days.

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

Attachment

cc: Tex Hall, Chairman, Three Affiliated Tribes (with attachment)
Elgin Crows Breast, Tribal Historic Preservation Officer (with attachment)
Daniel Velder, BLM, Bureau of Land Management (with attachment)
Damien Reinhart, SWCA (with attachment)
Eric Wortman, EPA (with attachment)
Carson Hood/Fred Fox, MHA Energy Dept. (with attachment)
Jonathon Shelman, Corps of Engineers (e-mail)
Jeff Hunt, Fort Berthold Agency (e-mail)

Finding of No Significant Impact

WPX Energy Williston, LLC

Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells

*Fort Berthold Indian Reservation
McKenzie County, North Dakota*

The U.S. Bureau of Indian Affairs (BIA) has received a proposal to for the construction and installation associated with the expansion of the existing Delores Sand #29-32H well pad (well pad) to accommodate the addition of the HD and HZ oil and gas wells on the Fort Berthold Reservation. The well pad is located approximately 10 miles northwest of Mandaree, North Dakota (ND), in the NW¼ NE¼ of Section 29, Township (T) 151 North (N), Range (R) 94 West (W), McKenzie County, ND. Associated federal actions by BIA include determinations of impacts and effects regarding environmental resources for developments on tribal lands.

The potential of the proposed actions to impact the human environment is analyzed in the attached addendum to an existing EA, as required by the National Environmental Policy Act. Based on the recently completed addendum to the EA, I have determined that the proposed project will not significantly affect the quality of the human environment. No Environmental Impact Statement is required for any portion of the proposed activities.

This determination is based on the following factors:

1. Agency and public involvement solicited for the preceding NEPA document was sufficient to ascertain potential environmental concerns associated with the currently proposed project.
2. Protective and prudent measures were designed to minimize impacts to air, water, soil, vegetation, wetlands, wildlife, public safety, water resources, and cultural resources. The remaining potential for impacts was disclosed for both the proposed actions and the No Action alternative.
3. Guidance from the U.S. Fish and Wildlife Service has been fully considered regarding wildlife impacts, particularly in regard to threatened or endangered species. This guidance includes the Migratory Bird Treaty Act (16 U.S.C. 703 et seq.), the National Environmental Policy Act of 1969, as amended (42 U.S.C. 4321 et seq.), the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d, 54 Stat. 250), Executive Order 13186 "Responsibilities of Federal Agencies to Protect Migratory Birds", and the Endangered Species Act (16 U.S.C. 1531 et seq.).
4. The proposed actions are designed to avoid adverse effects to historic, archaeological, cultural and traditional properties, sites and practices. Compliance with the procedures of the National Historic Preservation Act is complete.
5. Environmental justice was fully considered.
6. Cumulative effects to the environment are either mitigated or minimal.
7. No regulatory requirements have been waived or require compensatory mitigation measures.
8. The proposed projects will improve the socio-economic condition of the affected Indian community.

Acting


Regional Director

11-21-2012
Date

Notice of Availability and Appeal Rights

WPX Energy Williston, LLC: Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells

The Bureau of Indian Affairs (BIA) is planning to issue administrative approvals related the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells on the Berthold Reservation as shown on the attached map. Construction by WPX is expected to begin in 2012.

An environmental assessment (EA) determined that proposed activities will not cause significant impacts to the human environment. An environmental impact statement is not required. Contact Earl Silk, Superintendent at 701-627-6570 for more information and/or copies of the EA and the Finding of No Significant Impact (FONSI).

The FONSI is only a finding on environmental impacts – it is not a decision to proceed with an action and *cannot* be appealed. BIA's decision to proceed with administrative actions *can* be appealed until December 20, 2012, by contacting:

**United States Department of the Interior
Office of Hearings and Appeals
Interior Board of Indian Appeals
801 N. Quincy Street, Suite 300, Arlington, Va 22203.**

Procedural details are available from the BIA Fort Berthold Agency at 701-627-6570.

Project locations.



Delores Sand #29-32H Pad Expansion

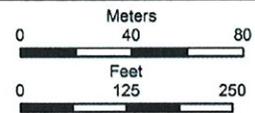
- Existing Well Head
- Proposed Well Head
- Proposed Delores Sand #29-32H Well Pad Expansion
- Delores Sand #29-32H (Originally Approved Location)
- Existing Access Road



116 North 4th Street
Suite 200
Bismarck, ND 58501

Phone: 701.258.6622
Fax: 701.258.5957

www.swca.com



Base Map: Aerial Imagery
Source: esri ArcGIS service
Quadrangle: Sanish (1970)
and Sanish NW (1969)
T151N, R94W
McKenzie County, North Dakota



Scale: 1:2,000 NAD 1983 UTM Zone 13N

**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 Land Use for the Expansion of
the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ
Oil and Gas Wells**

Fort Berthold Indian Reservation

November 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

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Appendix

A Plats, Drawings, and Diagrams for the Proposed Delores Sand #29-32H Well Pad Expansion	
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1. Purpose and Need for the Proposed Action

Developments have been proposed on land held in trust by the United States within the Fort Berthold Indian Reservation, McKenzie County, North Dakota. The Bureau of Indian Affairs (BIA) is the surface management agency for potentially affected tribal lands and individual allotments and holds title to subsurface mineral rights.

The purpose of the Proposed Action is to authorize land use by WPX Energy Williston, LLC (WPX), for the construction and installation associated with the expansion of the existing Delores Sand #29-32H well pad (well pad) to accommodate the addition of the HD and HZ oil and gas wells.

Leasing and development of mineral resources offer substantial economic benefits to the Three Affiliated Tribes of the Mandan, Hidatsa, and Arikara Nation, as well as to individual tribal members. The Proposed Action stems from the need for continuing economic development of proven resources that are consistent with BIA's general mission.

2. 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. Legal Land Description for Proposed Action

The well pad is located approximately 10 miles northwest of Mandaree, North Dakota (ND), in the NW¼ NE¼ of Section 29, Township (T) 151 North (N), Range (R) 94 West (W), McKenzie County, ND (Figure 1).

- The proposed bottom hole for the HD well is approximately 600 feet from the east line and 250 feet from the south line in the SE¼ SE¼ of Section 32, T151N, R94W, McKenzie County, ND.
- The proposed bottom hole for the HZ well is approximately 1,250 feet from the east line and 250 feet from the south line in the SE¼ SE¼ of Section 32, T151N, R94W, McKenzie County, ND.

4. Scope of Work for Proposed Action

WPX proposes to increase the size of the existing well pad to accommodate drilling and ancillary storage equipment, in addition to well surface holes, pertinent to the addition of two oil and gas wells. Figure 1 and Appendix A provide a detailed project area map and plat schematics for the proposed 2.20 acre well pad expansion that would newly disturb approximately 1.54 acres. The remaining acreage will be on previously disturbed ground resulting from the construction of the original well pad. The proposed wells would use a

1,280-acre spacing unit. The technical drilling specifications would be similar to those of the approved Delores Sand #29-32H which has been surveyed for impacts to natural and cultural resources with no significant findings. (see Section 8: Applicable NEPA Documents).

5. Resource Surveys

SWCA Environmental Consultants (SWCA) conducted natural resource surveys for wetlands, noxious weeds, threatened and endangered species habitat, migratory bird habitat, and bald and golden eagle habitat at the well pad location and surrounding area on August 13, 2012. Migratory bird habitat is present in the project area, and WPX has committed to avoiding the taking of active migratory bird nests. Finally, while habitat for protected species may exist near the project area, no primary or secondary indications of protected species occurrences were observed during the field surveys. These findings are consistent with the effects determination from the original NEPA document.

A cultural resource inventory of this well pad expansion project was conducted by personnel of SWCA Environmental Consultants, using an intensive pedestrian methodology. Approximately 15.31 acres were inventoried on August 13, 2012 (Herson 2012). No historic properties were located that appear to possess the quality of integrity and meet at least one of the criteria (36 CFR 60.6) for inclusion on the National Register. As the lead federal agency, and as provided for in 36 CFR 800.5, on the basis of the information provided, BIA reached a determination of **no historic properties affected** for this undertaking. This determination was communicated to the THPO on October 17, 2012; however the THPO did not respond within the allotted 30 day comment period.

Herson, Chandler S.

(2012) A Class I and Class III Cultural Resource Inventory of the Delores Sand #29-32H Well Pad Expansion, Fort Berthold Indian Reservation, McKenzie County, North Dakota. SWCA Environmental Consultants for WPX Energy Williston, LLC, Tulsa, OK.

6. Potential Effects to Cultural and Natural Resources

In total, construction disturbance would newly affect approximately 2.20 acres. No cultural resources that are potentially eligible for listing on the National Register are known to be present in the project area; therefore, there potentially would be no direct impacts to cultural resources as a result of disturbance and no adverse impacts to cultural resources as a result of the Proposed Action.

Potential direct impacts to natural resources would include the loss of vegetation and wildlife habitat, soil disturbance, and erosion during construction that may adversely affect air and water quality. Wooded vegetation that would be removed as part of the expansions would be mulched and added to the topsoil pile to be used in reclamation. Impacts would also be mitigated by using best management practices, such as using secondary containment on areas where there are steep inclines and drainages, and using matting and straw waddles on those steep areas during construction, to minimize erosion and sediment transport.

Potential indirect effects of the proposed action could include release of sediment or fluids from the well pad, construction noise or traffic disturbance of general wildlife, and possible introduction of noxious weeds. Potential cumulative impacts of the proposal, plus other foreseeable future oil and gas development on the Fort Berthold Indian Reservation, could include habitat fragmentation from construction of other well pads and roads. By expanding existing well pads, the overall footprint is kept to a minimum, thereby reducing the contribution of the Proposed Action to the cumulative effect.

Any potential direct effects would be mitigated by surveying for and avoiding any eligible cultural resource sites; implementing an approved stormwater pollution prevention plan and erosion control devices; avoiding any wetlands and federally listed threatened or endangered species or designated critical habitat; avoiding nesting migratory birds; and completing reclamation using appropriate native vegetation.

Any potential indirect effects to natural resources would be mitigated by; stockpiling and re-using topsoil for reclamation; implementing best management practices for controlling the introduction of noxious weeds; and minimizing the length of time between drilling and reclamation.

Based on the resource surveys, evaluation of potential effects and mitigation measures, and consistency with the applicable NEPA documents, no significant direct, indirect, or cumulative impacts to natural and cultural resources are anticipated as a result of the changes proposed in this addendum.

7. Reclamation

Interim Reclamation

Reclamation would continue over the life of the well pad and would include the return of topsoil, and contouring and seeding of native vegetation. Initial reclamation would be required 6 months after construction, if environmentally feasible, and then following any maintenance work or additions of infrastructure. Reclamation would be required before final abandonment of the decommissioned well pad. A successful reclamation would at all times be the responsibility of the operator.

Applicable short- and long-term best management practices would be used to minimize and control erosion in disturbed areas. To reduce compaction, the well pad expansion area would be plowed before the stockpiled topsoil is distributed.

The disturbed areas would be reclaimed and contoured as soon as possible after construction is complete (fall/spring). The disturbed area outside of the working well pad would be covered with stockpiled topsoil and reseeded with a seed mixture determined by the BIA.

WPX would control any noxious weeds within the right-of-way (ROW) and other applicable facilities by approved chemical or mechanical methods, according to the weed management plan developed by the BIA to treat known or likely to occur noxious weed species. If seeding of the ROW does not occur due to growing season constraints, WPX will deploy approved

weed-free hay across the entire ROW to reduce the potential for excessive erosion as a result of spring snow melt and precipitation.

The entire ROW would be monitored for erosion, subsidence, and noxious weeds. In areas where problems are found to occur, reclamation efforts would continue until the BIA feels the ROW is successfully reclaimed. Reclamation is considered successful when:

- seeded areas are established;
- adjacent vegetative communities spread back into the disturbed areas; and
- noxious weeds are under control.

If the new seeding is not successful after two growing seasons, the BIA may require additional efforts to establish vegetation.

Final Reclamation

Final reclamation would occur when the well pad is decommissioned. All disturbed areas would be reclaimed, reflecting the BIA's view of oil and gas exploration and production as temporary intrusions on the landscape. All facilities would be removed. Access roads and work areas would be leveled or backfilled as necessary, scarified, recontoured, and seeded.

8. Applicable National Environmental Policy Act (NEPA) Document(s)

Environmental Assessment and Finding of No Significant Impact: Three Bakken Exploratory Oil Wells; Dakota-3 Blue Buttes #3-21H, Dakota-3 Delores Sand #29-32H, Dakota-3 Fast Dog #16-6H, Dakota-3 E&P Company, LLC (August 2011).

9. NEPA Adequacy Criteria

This document has identified the above-mentioned previously prepared NEPA document, 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.

Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells (November 2012)

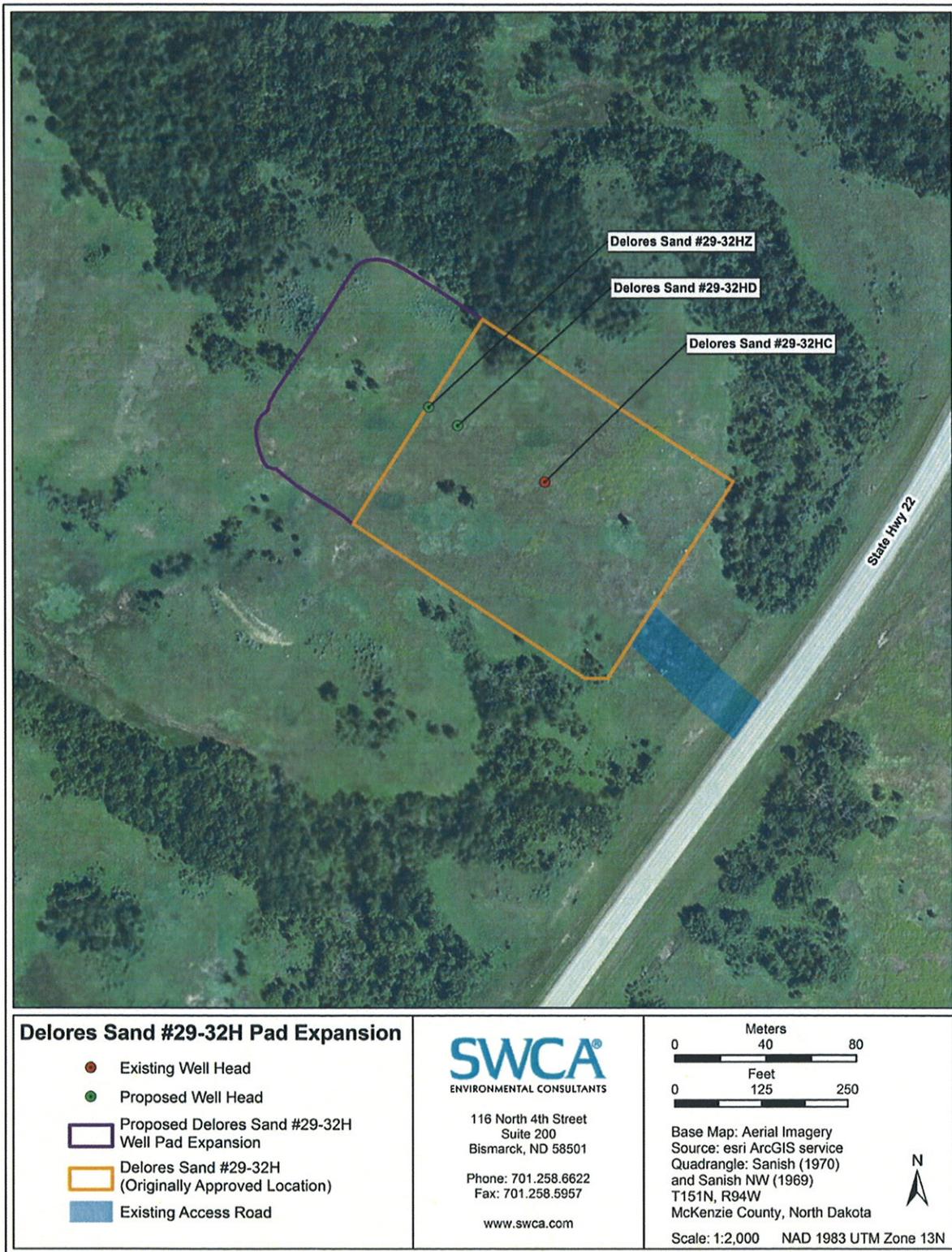


Figure 1. Map of the Delores Sand #29-32H Well Pad Location and Proposed Expansion Area.

*Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)*



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

IN REPLY REFER TO:
DESCRM
MC-208

OCT 17 2012

Elgin Crows Breast, THPO
Mandan, Hidatsa and Arikara Nation
404 Frontage Road
New Town, North Dakota 58763

Dear Mr. Crows Breast:

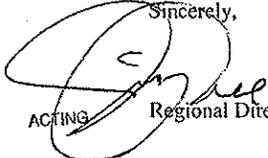
We have considered the potential effects on cultural resources of an oil well pad expansion project in McKenzie County, North Dakota. Approximately 15.31 acres were intensively inventoried using a pedestrian methodology. Potential surface disturbances are not expected to exceed the area depicted in the enclosed report. No historic properties were located that appear to possess the quality of integrity and meet at least one of the criteria (36 C.F.R. § 60.4) for inclusion on the National Register of Historic Places. No properties were located that appear to qualify for protection under the American Indian Religious Freedom Act (42 U.S.C. § 1996 [1994]).

As the surface management agency, and as provided for in 36 C.F.R. § 800.5 (2005), we have therefore reached a determination of **no historic properties affected** for this undertaking. Catalogued as **BIA Case Number AAO-3050/FE/12**, the proposed undertaking, location, and project dimensions are described in the following report:

Herson, Chandler S.
(2012) A Class I and Class III Cultural Resource Inventory of the Delores Sand #29-32H Well Pad Expansion, Fort Berthold Indian Reservation, McKenzie County, North Dakota. SWCA Environmental Consultants for WPX Energy Williston, LLC, Tulsa, OK.

If your office concurs with this determination, consultation will be completed under the National Historic Preservation Act and its implementing regulations. We will adhere to the Standard Conditions of Compliance.

If you have any questions, please contact Dr. Carson N. Murdy, Regional Archaeologist, at (605) 226-7656.

Sincerely,

ACTING Regional Director

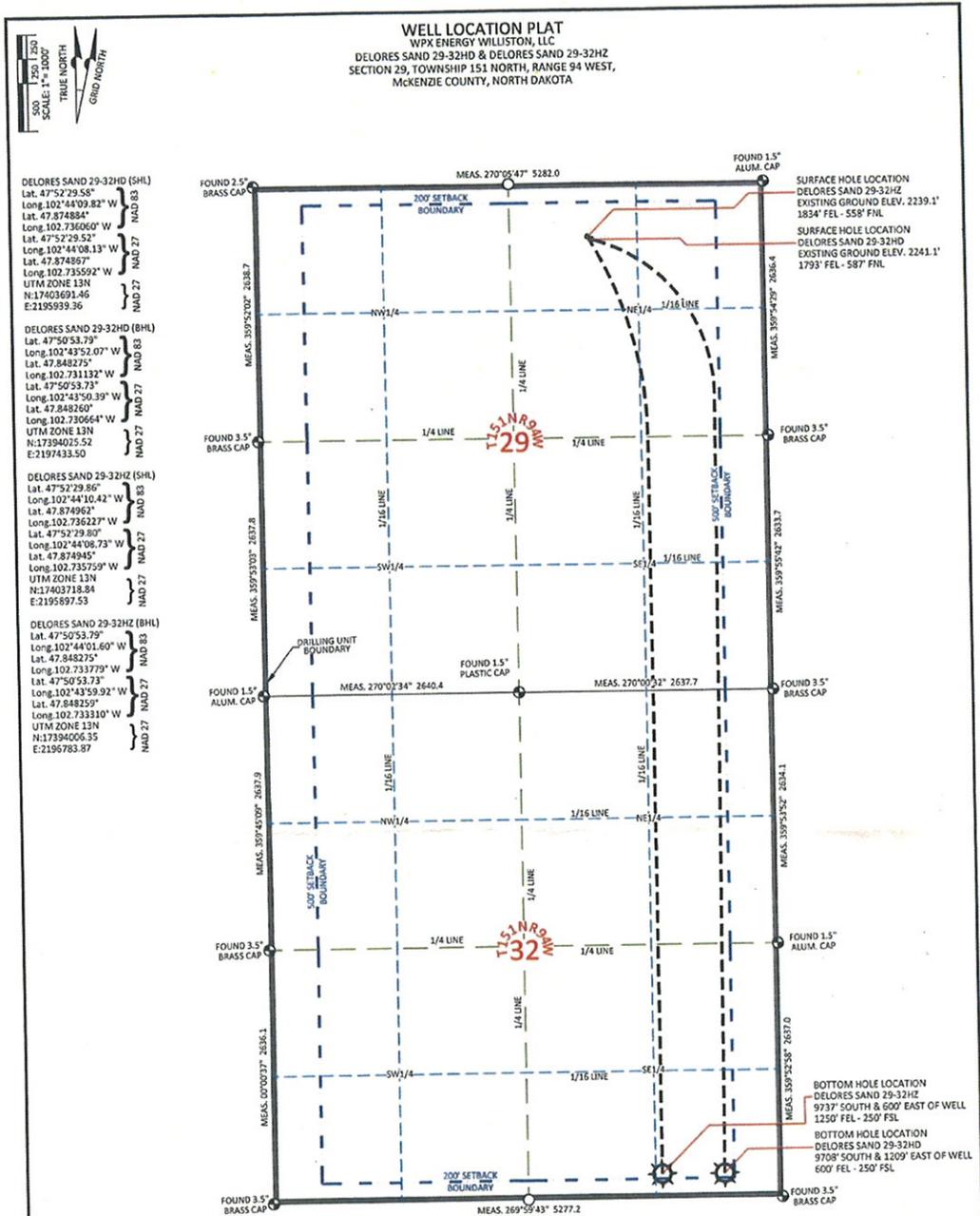
Enclosure

cc: Chairman, Three Affiliated Tribes
Superintendent, Fort Berthold Agency

APPENDIX A

Plats, Drawings, and Diagrams for the proposed Delores Sand #29-32H Well
Pad Expansion

Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells (November 2012)



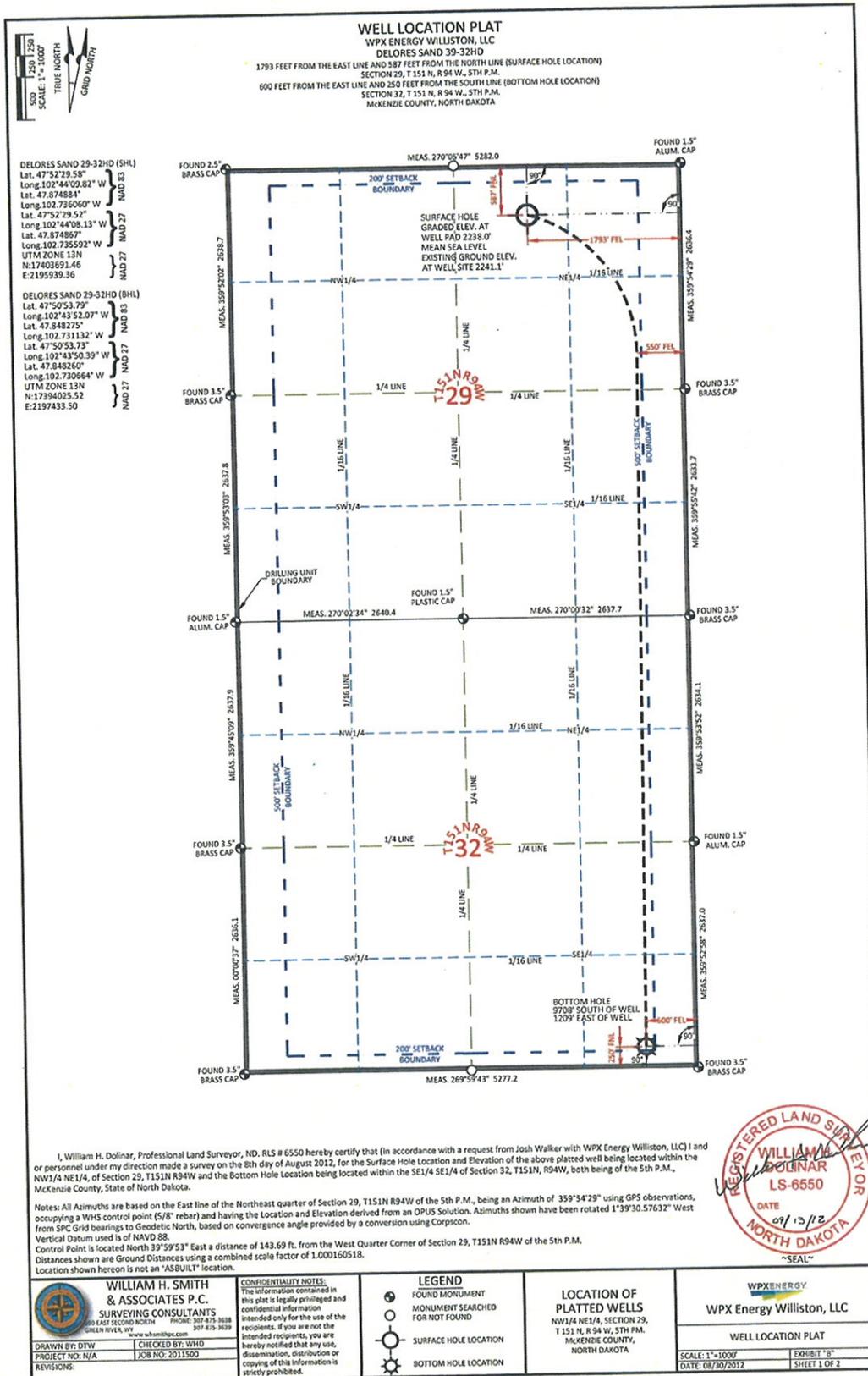
I, William H. Dolinar, Professional Land Surveyor, ND, RLS # 6550 hereby certify that (in accordance with a request from Josh Walker with WPX Energy Williston, LLC) I and or personnel under my direction made a survey on the 8th day of August 2012, for the Surface Hole Locations and Elevations of the above platted wells being located within the NW1/4 NE1/4 of Section 29, T151N R94W and the Bottom Hole Locations being located within the SE1/4 SE1/4 of Section 32, T151N, R94W, both being of the 5th P.M., McKenzie County, State of North Dakota.

Notes: All Azimuths are based on the East line of the Northeast quarter of Section 29, T151N R94W of the 5th P.M., being an Azimuth of 359°54'29" using GPS observations, occupying a WHS control point (5/8" rebar) and having the Location and Elevation derived from an OPUS Solution. Azimuths shown have been rotated 1°39'30.57632" West from SPC Grid bearings to Geodetic North, based on convergence angle provided by a conversion using Corpson.
Vertical Datum used is of NAVD 88.
Control Point is located North 39°53'53" East a distance of 143.69 FL from the West Quarter Corner of Section 29, T151N R94W of the 5th P.M.
Distances shown are Ground Distances using a combined scale factor of 1.000160518.
Location shown hereon is not an "ASBUILT" location.

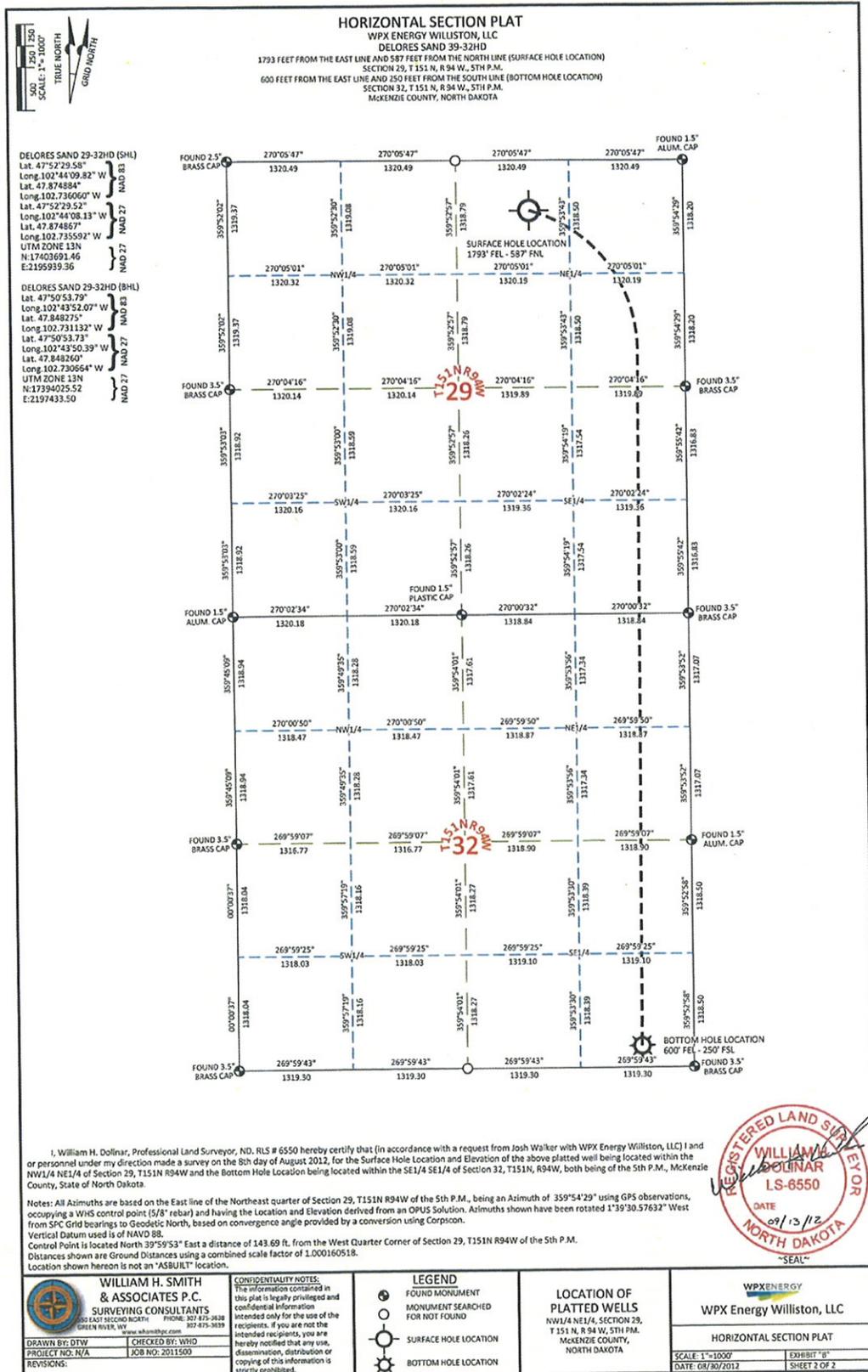
 WILLIAM H. SMITH & ASSOCIATES P.C. SURVEYING CONSULTANTS <small>300 EAST SECOND NORTH GREEN RIVER, WY</small> PHONE: 307-875-3638 FAX: 307-875-3639 www.wshsmith.com	CONFIDENTIALITY NOTES: The information contained in this plat is legally privileged and confidential information intended only for the use of the recipients. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.	LEGEND ● FOUND MONUMENT ○ MONUMENT SEARCHED FOR NOT FOUND ○ SURFACE HOLE LOCATION ⚙ BOTTOM HOLE LOCATION	LOCATION OF PLATTED WELLS SECTION 29, T 151 N R 94 W, 5TH P.M. MCKENZIE COUNTY, NORTH DAKOTA	 WPX Energy Williston, LLC WELL LOCATION PLAT SCALE: 1"=500' DATE: 08/20/2012 EXHIBIT "A" SHEET 1 OF 2
DRAWN BY: DTW PROJECT NO: N/A REVISIONS:	CHECKED BY: WHD JOB NO: 2011500			



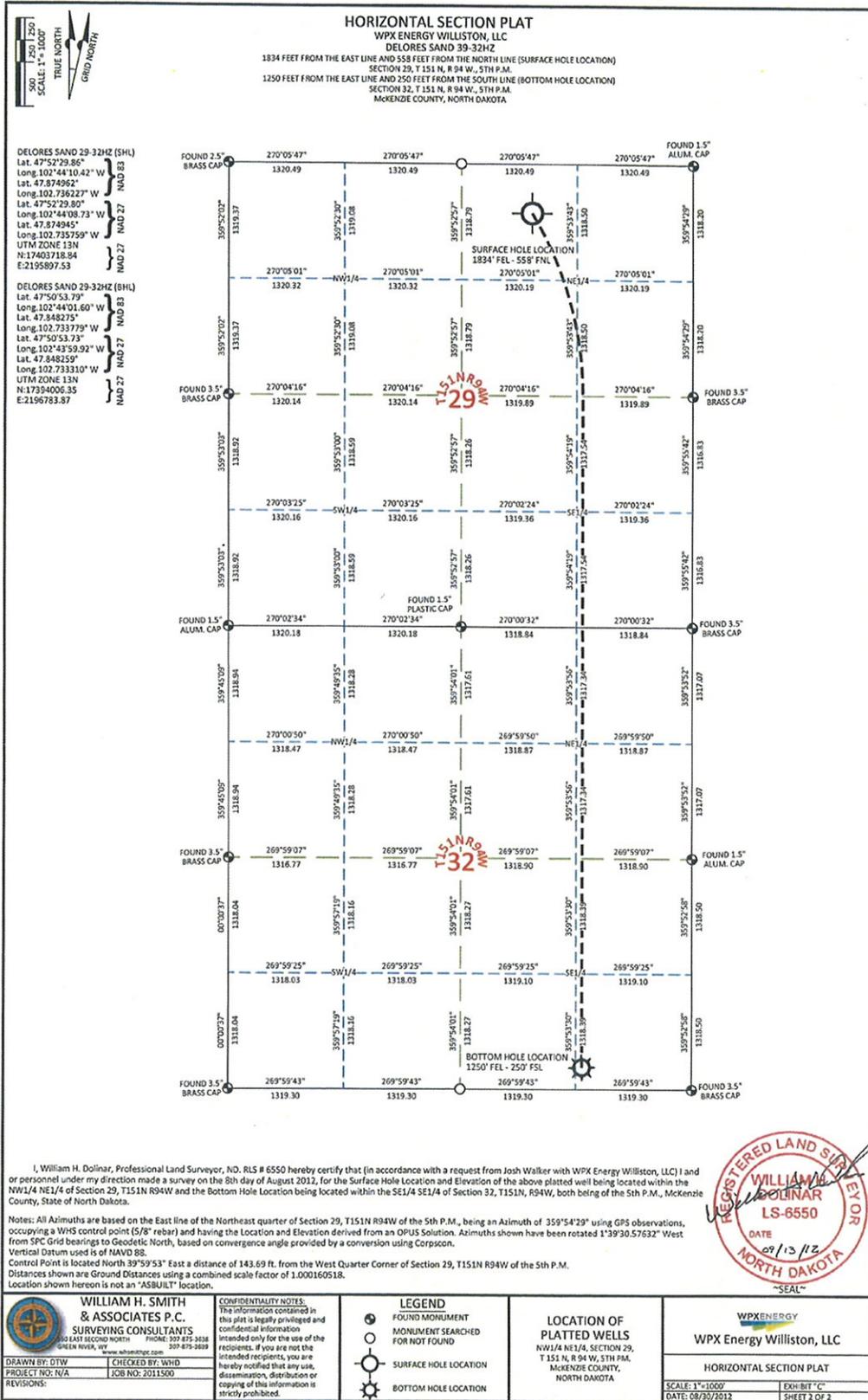
Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells (November 2012)



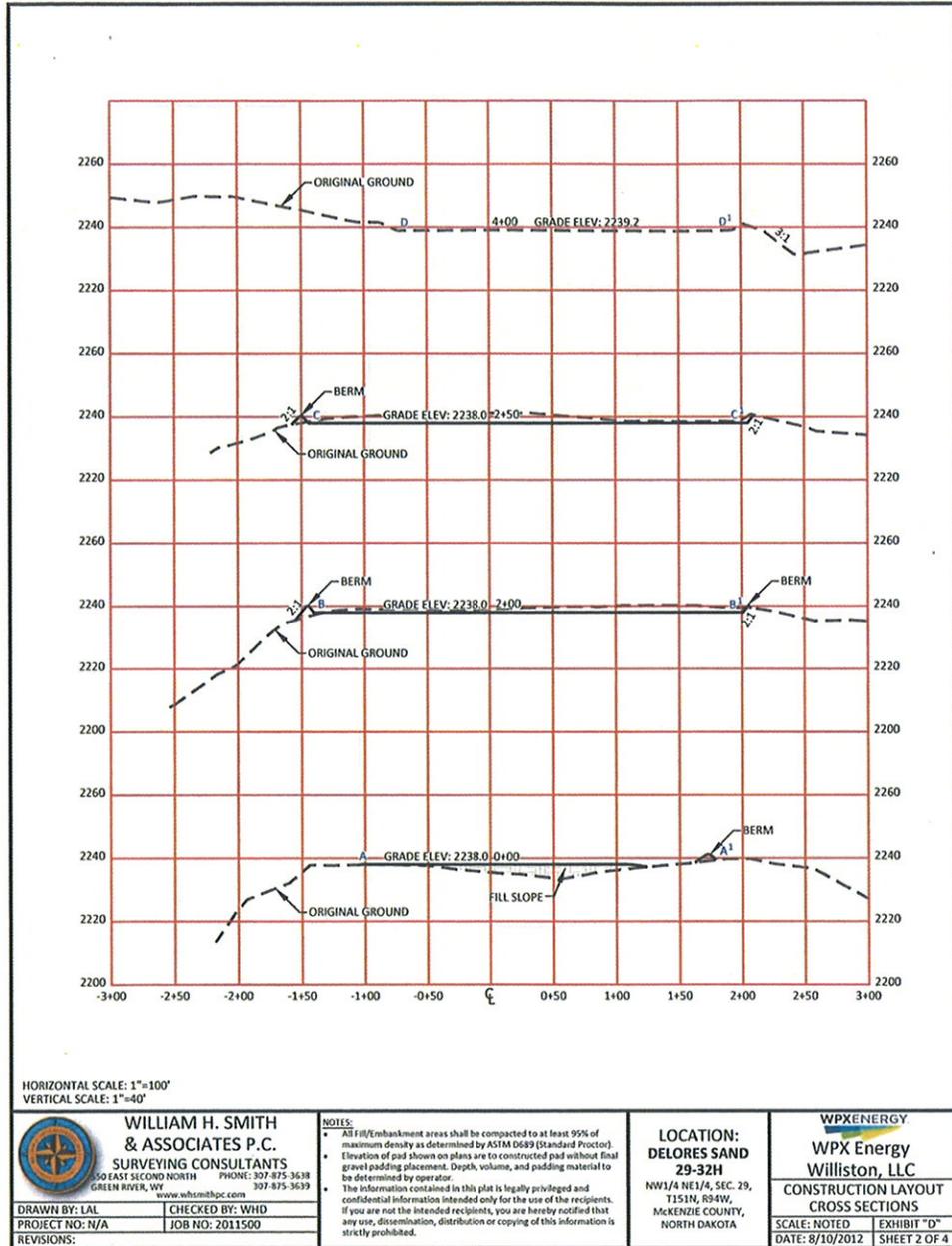
Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)



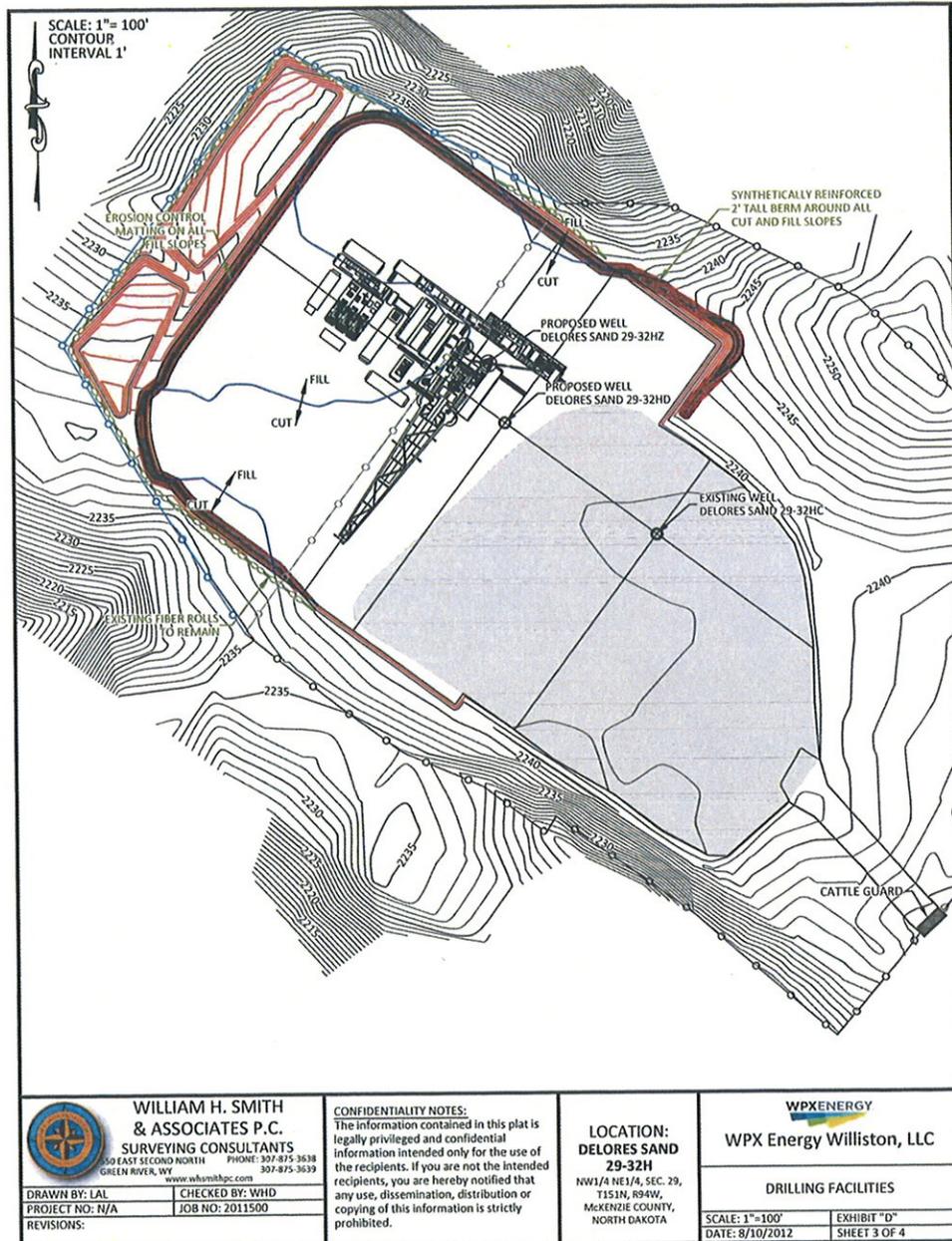
Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand
#29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)



Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand
#29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)



Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand
#29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)



**WILLIAM H. SMITH
& ASSOCIATES P.C.**
SURVEYING CONSULTANTS
30 EAST SECOND NORTH GREEN RIVER, WY
PHONE: 307-875-3638
307-875-3639
www.whsmithpc.com

DRAWN BY: LAL
PROJECT NO: N/A
REVISIONS:

CHECKED BY: WHD
JOB NO: 2011500

CONFIDENTIALITY NOTES:
The information contained in this plat is legally privileged and confidential information intended only for the use of the recipients. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.

LOCATION:
**DELORES SAND
29-32H**
NW1/4 NE1/4, SEC. 29,
T151N, R94W,
MCKENZIE COUNTY,
NORTH DAKOTA

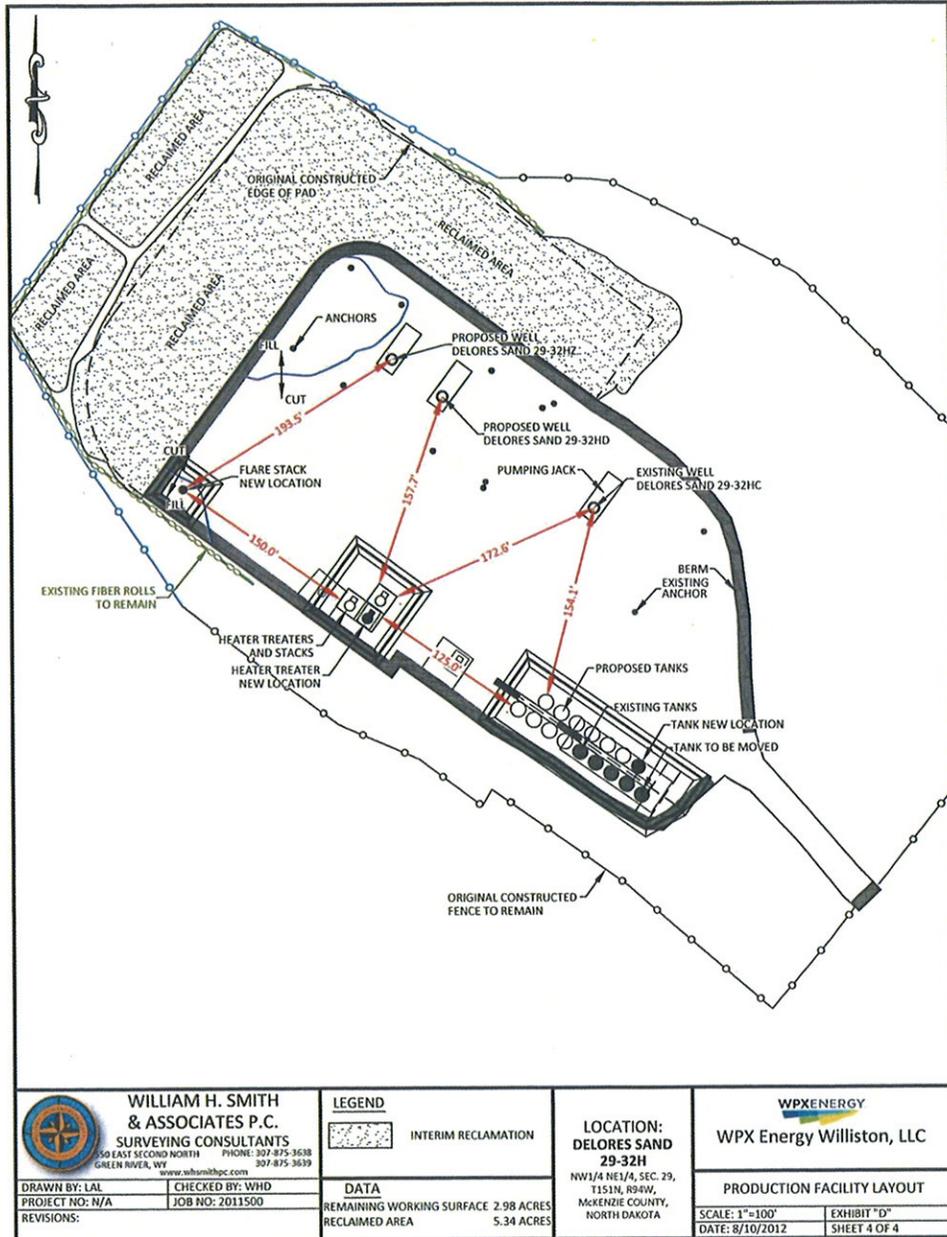


WPX Energy Williston, LLC

DRILLING FACILITIES

SCALE: 1"=100'	EXHIBIT "D"
DATE: 8/10/2012	SHEET 3 OF 4

Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand
#29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)



	WILLIAM H. SMITH & ASSOCIATES P.C. SURVEYING CONSULTANTS <small>350 EAST SECOND NORTH GREEN RIVER, WY PHONE: 307-875-3638 307-875-3639 www.wsmithpc.com</small>	LEGEND  INTERIM RECLAMATION	LOCATION: DELORES SAND 29-32H <small>NW1/4 NE1/4, SEC. 29, T151N, R94W, McKENZIE COUNTY, NORTH DAKOTA</small>	 WPX Energy Williston, LLC
	<small>DRAWN BY: LAL PROJECT NO: N/A REVISIONS:</small>	<small>CHECKED BY: WHD JOB NO: 2011500</small>	<small>DATA REMAINING WORKING SURFACE 2.98 ACRES RECLAIMED AREA 5.34 ACRES</small>	<small>SCALE: 1"=100' DATE: 8/10/2012</small>

*Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)*

WPX ENERGY WILLISTON, LLC
DELORES SAND 29-32HC, 29-32HZ & 29-32HD
PAD & PIPELINE RIGHT-OF-WAY ON TRIBAL LANDS
SECTIONS 29, 30 & 31, TOWNSHIP 151 NORTH, RANGE 94 WEST, 5TH P.M.
MCKENZIE COUNTY, NORTH DAKOTA

ADDITIONAL PAD RIGHT-OF-WAY ON TRIBAL LANDS

Total existing pad Right-Of-Way contains 6.12 Acres more or less. Total additional Pad Right-Of-Way Contains 2.20 Acres more or less. Total combined Pad Right-Of-Way contains 8.32 Acres more or less.

TOTAL PIPELINE RIGHT-OF-WAY ON TRIBAL LANDS

Total length of Right-Of-Way is 7,048.93 feet or 1.34 miles. Width of Right-Of-Way is 100' (50' perpendicular on each side of the centerline). Contains 16.18 Acres more or less.

TOTAL ADDITIONAL DISTURBANCE ON TRIBAL LANDS

Total combined additional Pad & Pipeline Right-Of-Ways contain 18.38 Acres more or less.

SURVEYOR'S AFFIDAVIT

STATE OF NORTH DAKOTA }
COUNTY OF MCKENZIE } SS

William H. Dolinar, being first duly sworn, deposes and states that he is the registered land surveyor for WPX Energy Williston, LLC, that these surveys were made by him (or under his supervision); that he has examined the field notes of the surveys of the pad and pipeline Right-Of-Way as described and shown on this map; that this map was prepared under his direction from said field notes; and that said additional Pad Right-Of-Way, containing 2.20 acres and Pipeline Right-Of-Way, 1.34 miles in length, beginning and ending as shown on this map, is accurately represented.



William H. Dolinar
REGISTERED LAND SURVEYOR
REGISTRATION NO. 6550
STATE OF NORTH DAKOTA

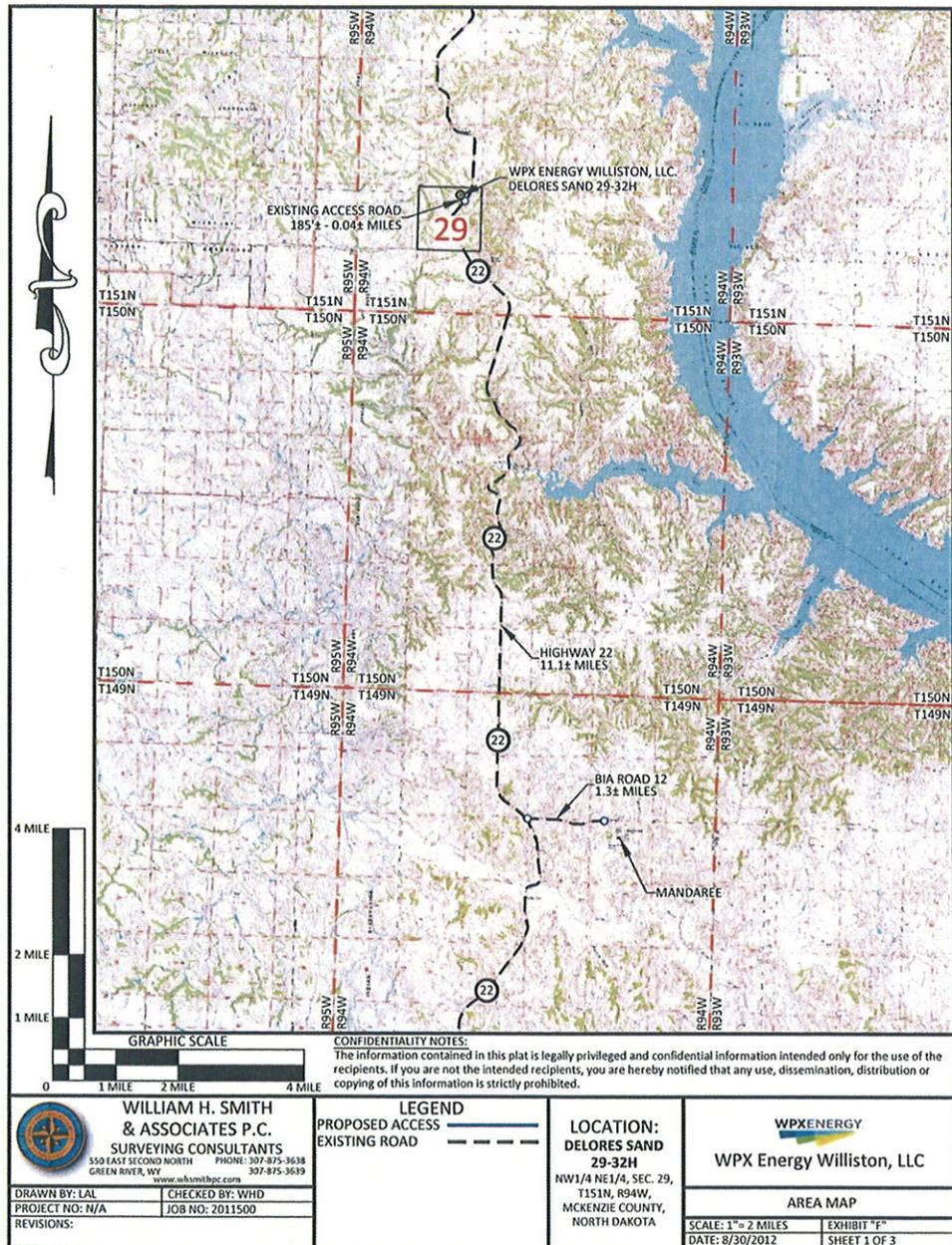
APPLICANT'S CERTIFICATE

I, _____, do hereby certify that I am the agent for WPX Energy Williston, LLC, hereinafter designated the applicant; That William H. Dolinar 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 this additional Pad Right-Of-Way, containing 2.20 acres and Pipeline Right-Of-Way, 1.34 miles in length beginning at Sta. 0+00.00 and ending at Sta. 70+48.93, that said pad and pipeline Right-Of-Way is 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 Right-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 assigned, grant, or otherwise.

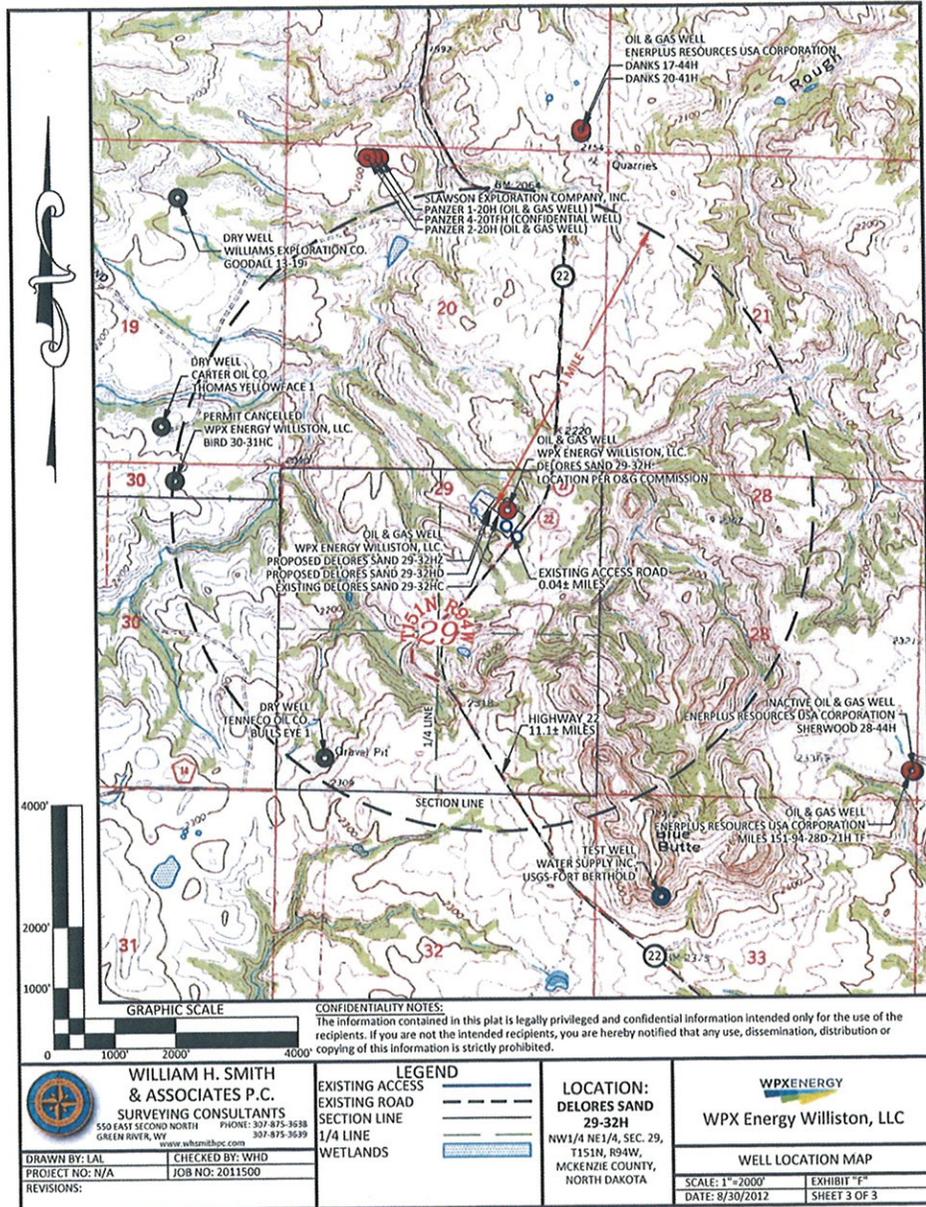
APPLICANT

TITLE

Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand
#29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)



Addendum to Environmental Assessment to Authorize Land Use for the Expansion of the Delores Sand #29-32H Well Pad to Accommodate the Addition of the HD and HZ Oil and Gas Wells
(November 2012)



**WPX ENERGY WILLISTON, LLC.
DELORES SAND 29-32H**

**SECTION 29, TOWNSHIP 151 NORTH, RANGE 94 WEST, 5TH P.M.
MCKENZIE COUNTY, NORTH DAKOTA**

Proceed in a Westerly direction from Mandaree, North Dakota along BIA 12 approximately 1.3 miles to the junction of this road and State Highway 22; turn right and proceed in a Northerly direction approximately 11.1 miles to the junction of this road and an existing road to the West; turn left and proceed in a Westerly direction approximately 0.04 miles to the proposed well location.

Total distance from Mandaree, North Dakota to the proposed well location is approximately 11.14 miles.