



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

SEP 13 2012

IN REPLY REFER TO:
DESCRM
MC-208

MEMORANDUM

TO: Superintendent, Fort Berthold Agency

FROM: 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 Addendum has been completed and a Finding of No Significant Impact (FONSI) has been issued. The Addendum authorizes land use for the Blue Buttes Phase III Pipeline 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)
Derek Enderud, BLM, Bureau of Land Management (with attachment)
Grady Wolfe, KLJ (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

***Saddle Butte Pipeline, LLC (SBP)
Blue Buttes Phase III Pipeline***

Addendum to:

***Saddle Butte Pipeline, LLC February 2010
Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection***

***Fort Berthold Indian Reservation
McKenzie County, North Dakota***

The U.S. Bureau of Indian Affairs (BIA) has received a proposal for an addendum to the above referenced Environmental Assessment (EA). The proposal is to acquire a 100-foot right-of-way (ROW) corridor (50 feet of temporary ROW and 50 feet of permanent ROW) for construction of approximately 2.1 miles of natural gas, oil and/or water pipelines (four lines) McKenzie County, North Dakota, on the Fort Berthold Reservation. The new lines would connect to pipelines cleared as addendums to the original *Saddle Butte Pipeline, LLC (February 2010 Environmental Assessment (EA)/ Finding of No Significant Impact (FONSI) Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection*. The proposed pipelines would tie into previously constructed Marathon well pads: Jones USA 14-14H, TAT USA 12-23H, TAT USA 13-23H and TAT USA 34-22H. 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 Native American community.


Regional Director

9/13/12
Date

Notice of Availability and Appeal Rights

Saddle Butte Pipeline, LLC: Blue Buttes Phase III Pipeline

The Bureau of Indian Affairs (BIA) is planning to issue administrative approvals for an Addendum for the Blue Buttes Phase III Pipeline on the Berthold Reservation as shown on the attached map. Construction by Saddle Butte Pipeline is expected to begin in 2012.

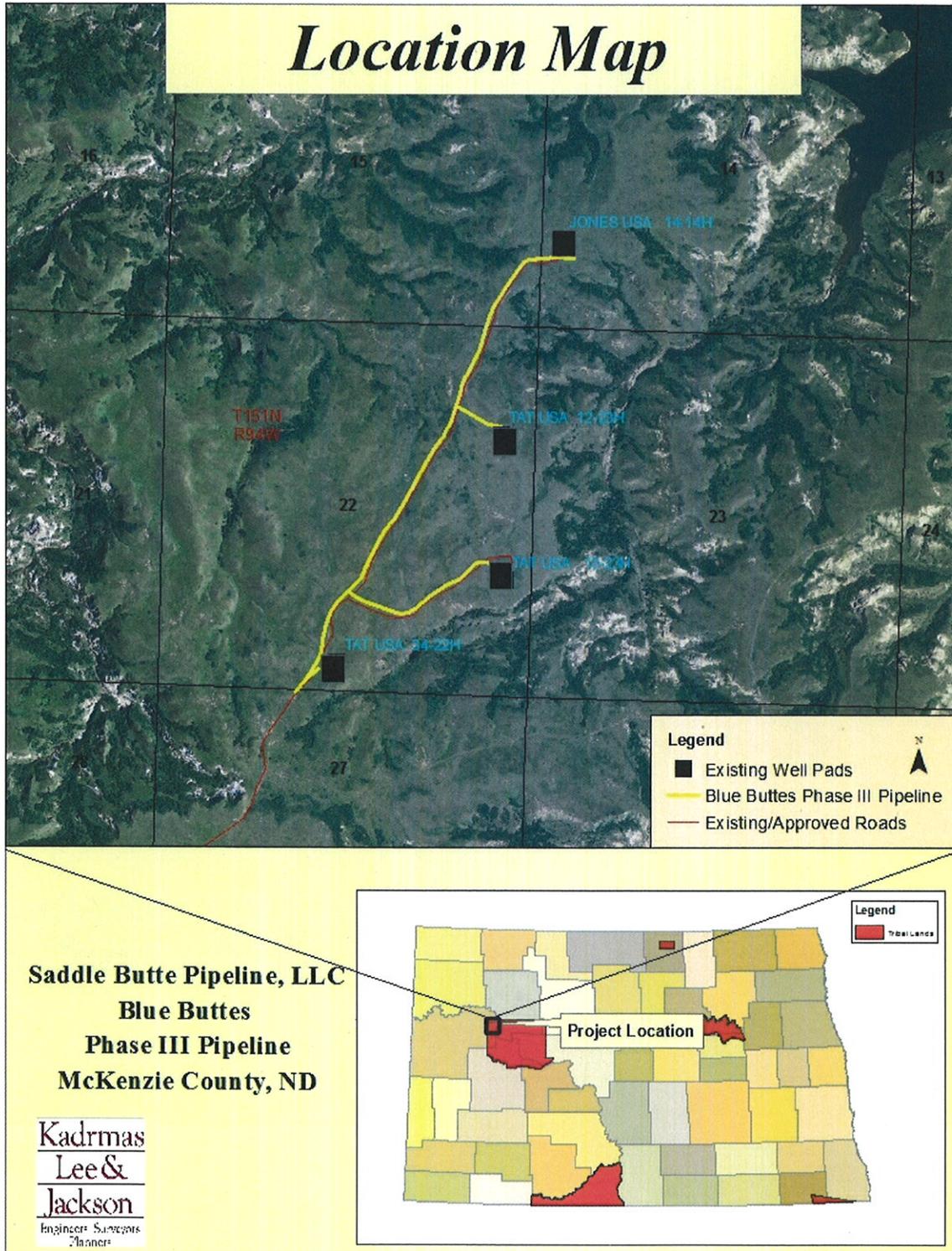
An environmental assessment (EA) determined that proposed activities will not cause significant impacts to the human environment. An environmental impact statement is not required. Contact Earl Silk, Superintendent at 701-627-6570 for more information and/or copies of the EA and the Finding of No Significant 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 October 12, 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.



ENVIRONMENTAL ASSESSMENT

Addendum

United States Bureau of Indian Affairs

Great Plains Regional Office
Aberdeen, South Dakota



Saddle Butte Pipeline, LLC
Blue Buttes Phase III Pipeline

Addendum to:
Saddle Butte Pipeline, LLC February 2010
Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection

Fort Berthold Indian Reservation

August 2012

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

CONTENTS

1	Purpose and Need for the Proposed Action	1
2	Authorities	3
3	Legal Land Description of Proposed Action	3
4	Scope of Work for Proposed Action	3
5	Applicable National Environmental Policy Act (NEPA) Documents	4
6	Field Resource Surveys	5
7	Assessment of Environmental Impacts	5
	A. Cultural Resources	5
	B. Ground Water	6
	C. Land Use	6
	D. Public Health and Safety	7
	D. Surface Water	7
	E. Wildlife	9
8	NEPA Adequacy Criteria	10

FIGURES

Figure 1, Project Location Map	2
Figure 2, Typical Route Vegetation	7
Figure 3, Avoidance/Minimization Map	9

APPENDIX

Appendix A: Pipeline and Right-of-Way Easements

1 PURPOSE AND NEED FOR THE PROPOSED ACTION

Saddle Butte Pipeline, LLC (SBP) proposes to construct approximately 2.1 miles of natural gas, oil and/or water pipelines (four lines) within a 100-foot right-of-way (ROW) corridor (50 feet of temporary ROW and 50 feet of permanent ROW) in McKenzie County, North Dakota, on the Fort Berthold Indian Reservation. The new lines would connect four Marathon Oil well pads to pipelines cleared as addendums to the original *Saddle Butte Pipeline, LLC (February 2010 Environmental Assessment (EA)/ Finding of No Significant Impact (FONSI)) Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection*.

The proposed pipelines would be located in Sections 14, 15, 22 and 27, T151N, R94W. Please refer to **Figure 1, Project Location Map**.

The purpose of the proposed action is to allow SBP to install the proposed pipelines to transport gas, oil and/or water from the previously approved wells to a central gathering facility for further transport to markets or an acceptable disposal facility.

Installation of the proposed pipelines would further support important benefits to the Three Affiliated Tribes. They would provide individual members of the tribes with needed employment and income. Installation of the proposed pipelines would reduce waste of valuable resources associated with continued flaring of produced gas, as well as minimize truck traffic, environmental, and public health and safety concerns.

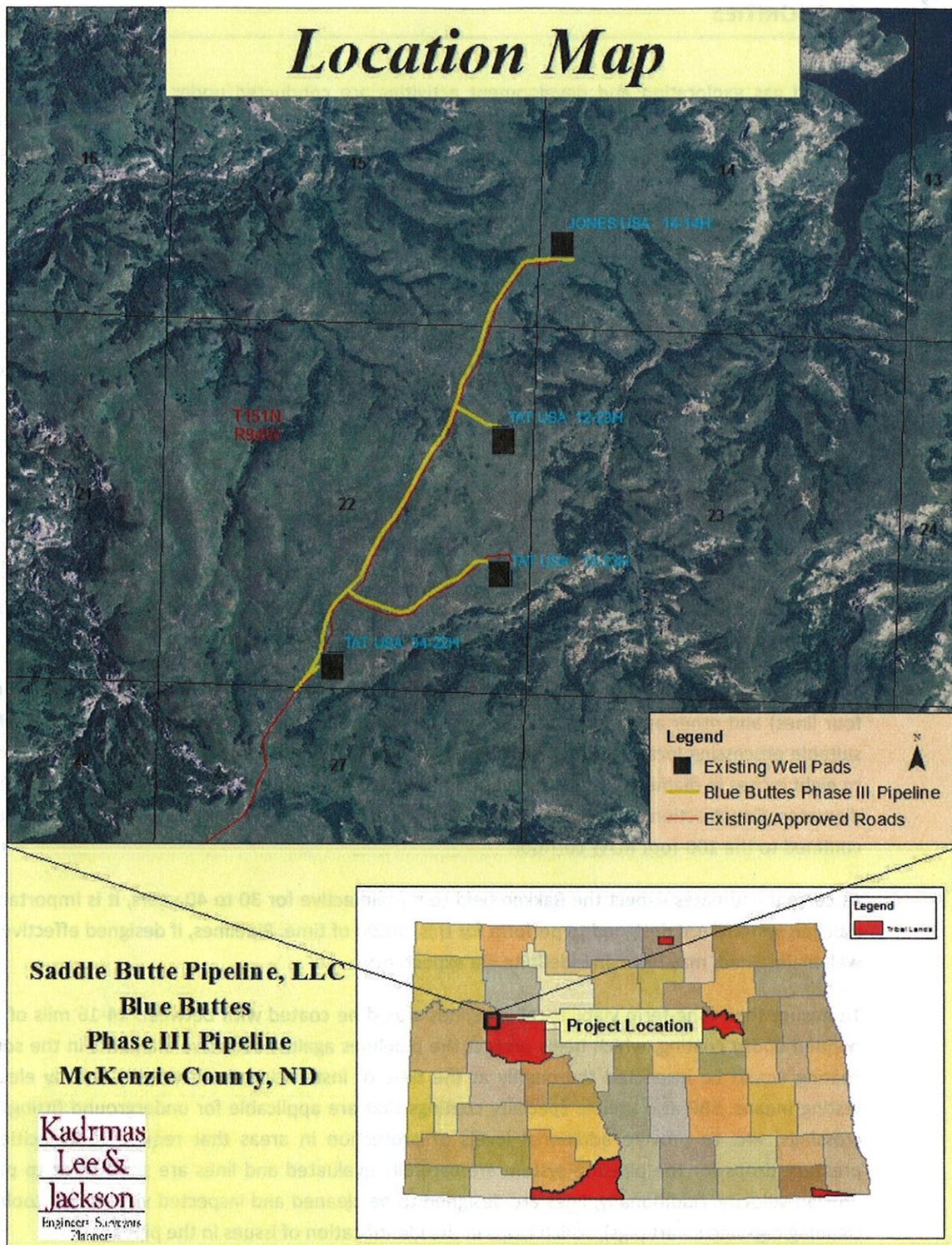


Figure 1, Project Location Map

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 OF PROPOSED ACTION

- The proposed natural gas, oil and/or water pipelines would be located in McKenzie County, North Dakota, Sections 14, 15, 22 and 27, T151N, R94W.

4 SCOPE OF WORK FOR PROPOSED ACTION

Twenty eight miles of natural gas and oil pipelines were approved in a FONSI for the SBP Trunk Lines project on September 9, 2010. Since that time, plans have been developed to construct additional lines from newly developed oil and gas wells in the surrounding area to the SBP Trunk Lines.

The proposed action includes authorization by the BIA to install a pipeline gathering system (up to four lines) and other appurtenances above or below ground to move produced gas and liquids to a suitable processing location. The proposed oil and gas pipelines would likely consist of steel lines up to eight inches in diameter, while the water lines would likely consist of a poly line up to six inches in diameter. Construction of the new lines is expected to take approximately 90 days and would be confined to the 100-foot ROW corridor.

As current estimates expect the Bakken field to remain active for 30 to 40 years, it is important that pipeline systems are designed to perform for this period of time. Pipelines, if designed effectively and well maintained, may have an indefinite life expectancy.

To ensure their long-term viability, all pipelines would be coated with between 14-16 mils of fusion bonded epoxy coating, which helps protect the pipelines against corrosive elements in the soil. The coating would be inspected thoroughly at the time of installation, both visually and by electronic testing means. SBP also utilizes specialty coatings that are applicable for underground fittings; bore crossings, etc. to provide additional levels of protection in areas that require it. Velocities and pressure drops for the pipeline system are carefully evaluated and lines are sized so as to prevent erosion velocity. Additionally, lines are designed to be cleaned and inspected via internal tools (e.g., cleaning pigs and smart pigs), which helps in the identification of issues in the pipes.

Following design and installation, SBP would immediately conduct a cathodic survey utilizing test stations, rectifier pads and other means designed by cathodic protection specialists. SBP would also install pig launchers and receivers on its trunk lines and primary laterals to identify pipeline conditions both internally and externally to maintain the integrity of the pipeline system.

All SBP installations are monitored by an inspection/construction management team as well as independent third party contract experts. SBP's construction specifications require contractors to allow for inspection, and no pipeline is laid and backfilled without appropriate approvals. Hydro testing of pipelines would be used to assure no possibility of leakage at the time of installation.

The proposed project would also require approval for the associated ROW acquisition consisting of 50 feet of permanent ROW and 50 feet of temporary ROW for construction. Installation of the pipelines may require clearing and grading within the entire 100-foot ROW along the entire pipeline corridor. Every effort would be made to minimize surface disturbance during the construction process. Topsoil would be separated and stockpiled along either side of any disturbed cross section to be used for prompt reseeding and reclamation of the disturbed area. If construction activities take place close to the end of construction season, topsoil would only be removed far enough in advance that the pipeline could be installed and the site re-graded prior to the end of the construction season. If topsoil cannot be spread in a timely manner that allows vegetation to reestablish prior to winter, topsoil would be spread the following spring and reseeded so as to not be susceptible to wind and/or water erosion over the winter.

For locations that are reclaimed in winter months or late fall such that no germination is possible, SBP would either use a sprayed reinforcement, lain matting reinforcement, spread and crimp straw and/or would minimize erosion issues with straw wattle and silt fence through winter months. Any temporary reclamation measures would remain until SBP can completely reclaim and revegetate the property in the spring. All temporary reclamation measures would be inspected on a monthly basis, or more frequently as necessary, throughout the winter. In addition, SBP would also install straw wattles, mix and mulch woody vegetation and spread over bare soil, or other best management practices (BMPs) on slopes as needed to provide erosion breaks.

Continued use of pasture and livestock grazing areas would be maintained during construction via use of temporary fencing or cattle guards, as needed. Trenches would be excavated to a depth sufficient to maintain a minimum of 48 inches of ground coverage over the pipeline. It is understood that other utilities, including phone and water pipelines, may be present in the immediate area and would need to be coordinated with the appropriate utilities accordingly.

5 APPLICABLE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DOCUMENTS

The following NEPA documents have been previously approved by BIA for the proposed action:

- Saddle Butte Pipeline, LLC (February 2010 Environmental Assessment (EA)/Finding of No Significant Impact (FONSI)) Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection.

6 FIELD RESOURCE SURVEYS

An intensive, pedestrian resource survey of the proposed pipeline corridor was conducted on June 14, 2012 by Kadrmas, Lee & Jackson (KL&J). The purpose of this survey was to gather site-specific data and photos with regards to botanical, biological, threatened and endangered species, eagles and water resources. A 200-foot wide pipeline corridor was evaluated for this site. In addition, a 0.50 mile wide buffer around all areas of project disturbance was used to evaluate the presence of eagles and eagle nests. Resources were evaluated using visual inspection and pedestrian transects across the site.

The BIA EA on-site assessment of the pipeline corridor was conducted on June 15, 2012. The BIA Environmental Protection Specialist, SBP and KL&J participated in this assessment. During the assessment, construction suitability with respect to topography, stockpiling, drainage, erosion control and other surface issues were considered. Those present at the on-site assessment agreed that, because of the minimization measures SBP plans to implement, the proposed pipeline route is positioned in areas which would minimize impacts to sensitive wildlife and botanical resources.

A cultural resource inventory of this pipeline route was conducted by personnel of Kadrmas, Lee & Jackson, Inc., using an intensive pedestrian methodology. Approximately 50.7 acres were inventoried on June 13, 2012 (Ó Donnchadha 2012). One archaeological site was revisited and two sites were located, of which one site has been evaluated as not eligible and the other two may 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, as the potentially eligible sites will be avoided. This determination was communicated to the THPO on August 8, 2012; however, the THPO did not respond within the allotted 30 day comment period.

Ó Donnchadha, Brian

(2012) Blue Buttes PH 3 Natural Gas Gathering Line: A Class III Cultural Resource Inventory in McKenzie County, North Dakota. KLJ Cultural Resources for Saddle Butte Pipeline, LLC, Durango, CO.

7 ASSESSMENT OF ENVIRONMENTAL IMPACTS

The following discussion addresses environmental and social impacts as a result of the project expansion. Impacts are only discussed if the project has changed the impact assessment reflected in the February 2010 EA, or to note why the impact assessment has not changed.

A. Cultural Resources

The Class I literature review indicated 24 previously identified cultural resources within one mile of the project sections. Two new and one previously recorded cultural resources were encountered during the Class III inventory. As such, THPO has required that a tribal monitor be present during construction to ensure that these resources are not affected by the proposed project. A "No Historic

Properties Affected” recommendation was made to the BIA for the proposed construction, given that all recommendations in the Class III report are followed. A determination of affect is pending from the BIA and THPO.

If cultural resources are discovered during construction or operation, work shall immediately be stopped, the affected site secured, and BIA and THPO notified. In the event of a discovery, work shall not resume until written authorization to proceed has been received from the BIA. All project workers are prohibited from collecting artifacts or disturbing cultural resources in any area under any circumstances.

B. Ground Water

SBP's standard bore depth beneath an actively eroding drainage area is eight feet; however, bores are designed on a case by case basis to avoid any adverse effects of the natural surface in the vicinity of the bore. Additionally, bore pipe would be coated with abrasion resistant coating that provides substantial abrasion resistance if a large erosion or flooding event occurs. In addition, measures used to install and inspect the pipe prior to use along with monitoring procedures for potential leaks would minimize potential groundwater disturbance.

C. Land Use

The proposed project area is located within a predominantly rural area. Typical vegetation in the study area consists of native rangeland/natural prairie vegetation characterized by western wheatgrass (*Elymus smithii*), needleandthread (*Hesperostipa comata*), green needlegrass (*Nassella viridula*), and blue grama (*Bouteloua gracilis*). Little bluestem (*Schizachyrium scoparium*), prairie sandreed (*Calamovilfa longifolia*), and sideoats grama (*Bouteloua curtipendula*) are found on shallow soils. Wild rose (*Rosa woodsii*), leadplant (*Amorpha canescens*), and patches of western snowberry (*Symphoricarpos occidentalis*) are interspersed throughout the area. Green ash (*Fraxinus pennsylvanica*), chokecherry (*Prunus virginiana*), Serviceberry (*Amelanchier alnifolia*), and buffaloberry (*Shepherdia canadensis*) occur in draws and narrow valleys. SBP has rerouted the proposed pipeline to minimize impacts to tree species as well as a wetland area. Please refer to **Figure 3, Avoidance/Minimization Map on page 9.**

The proposed project would temporarily convert approximately 24.9 acres of tribal trust land from its existing use into a pipeline corridor. Please refer to **Figure 2, Typical Route Vegetation.** The pipelines would be buried underground and the majority of land uses would be able to resume following construction and reclamation activities. All above ground facilities and equipment would be painted shale green to blend in with the surrounding landscape. In addition, if electrical lines area installed within the project corridor, all lines would be buried underground. No mitigation is proposed.

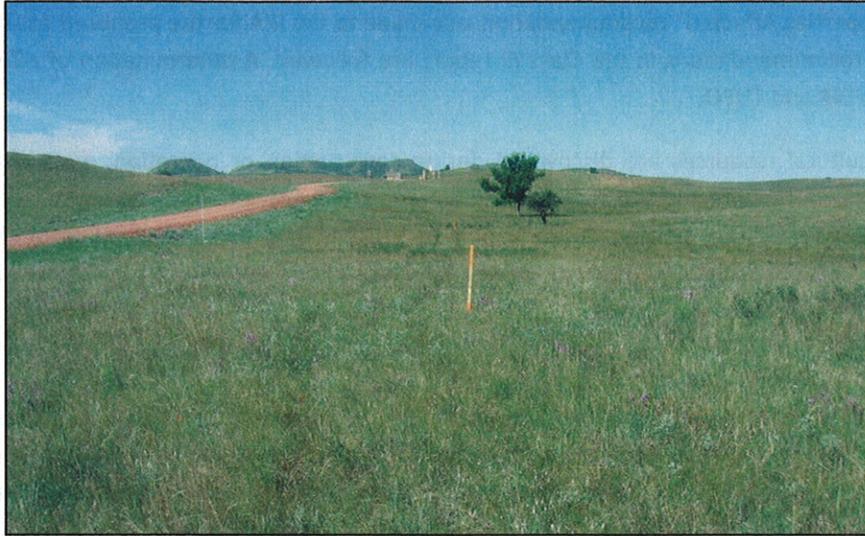


Figure 2, Typical Route Vegetation

D. Public Health and Safety

Third-party intrusions are one of the biggest contributing factors to spills. To aid in the prevention of such intrusions, SBP would fully comply with the marking requirements specified in the US Department of Transportation's rules and regulations, specifically contained in 49 CFR Parts 192 and 195. To ensure such compliance, SBP developed construction specifications to delineate the requirements for pipeline marking in accordance with applicable laws, rules, and regulations. Including, but not limited to, the locations of such markings (e.g., road crossings, water body crossings, line of sight, etc.) and the manner of marking such pipelines (e.g., height of markings and signage on the markings).

SBP has committed to developing a spill response plan that would be submitted to the BIA prior to the commencement of the construction activities. The response plan would include procedures that specifically address making the appropriate contacts, isolating the incident, protecting waterways and providing contact information for all the appropriate contractors and experts necessary to facilitate a rapid response.

D. Surface Water

No significant impacts to surface water are expected to result from the proposed pipelines. The proposed project has been sited to avoid direct impacts to surface water and to minimize the disruption of drainage patterns across the landscape. Implementation of BMPs to control erosion would mitigate runoff of sediment downhill or downstream. Woody vegetation removed by construction activity would be mixed, mulched, and spread over any exposed soils to avoid runoff. Additionally, runoff controls would be put in place on side hills and other areas where landform would be apt to cause excessive runoff potentials. One area of surface water concern was identified along the proposed route. SBP has committed to utilizing a 24-hour cut crossing to minimize potential impacts. Please refer to **Figure 3, Avoidance/Minimization Map**.

Two types of valves would be utilized for spill isolation:

- Check valves would be installed between trunk lines and lateral lines to prevent a “back feed” scenario to a spill, thereby limiting the volume of any spill to the wells that are directly contributing to it.
- Manual valve sets would also be installed at all intersections of laterals to trunk lines, allowing isolation at the wells themselves.

SBP has developed a GIS database that establishes real time, web-based maps for use by its operations team and first responder personnel. In addition, SBP has provided options in its trunk lines for automatic isolation based on low pressure switching devices once the system pressure exceeds 1400 psi. These valves would automatically isolate the pipeline under most line rupture circumstances. Based on these mitigation measures, the proposed project is not anticipated to result in measurable increases in runoff or impacts to surface waters.

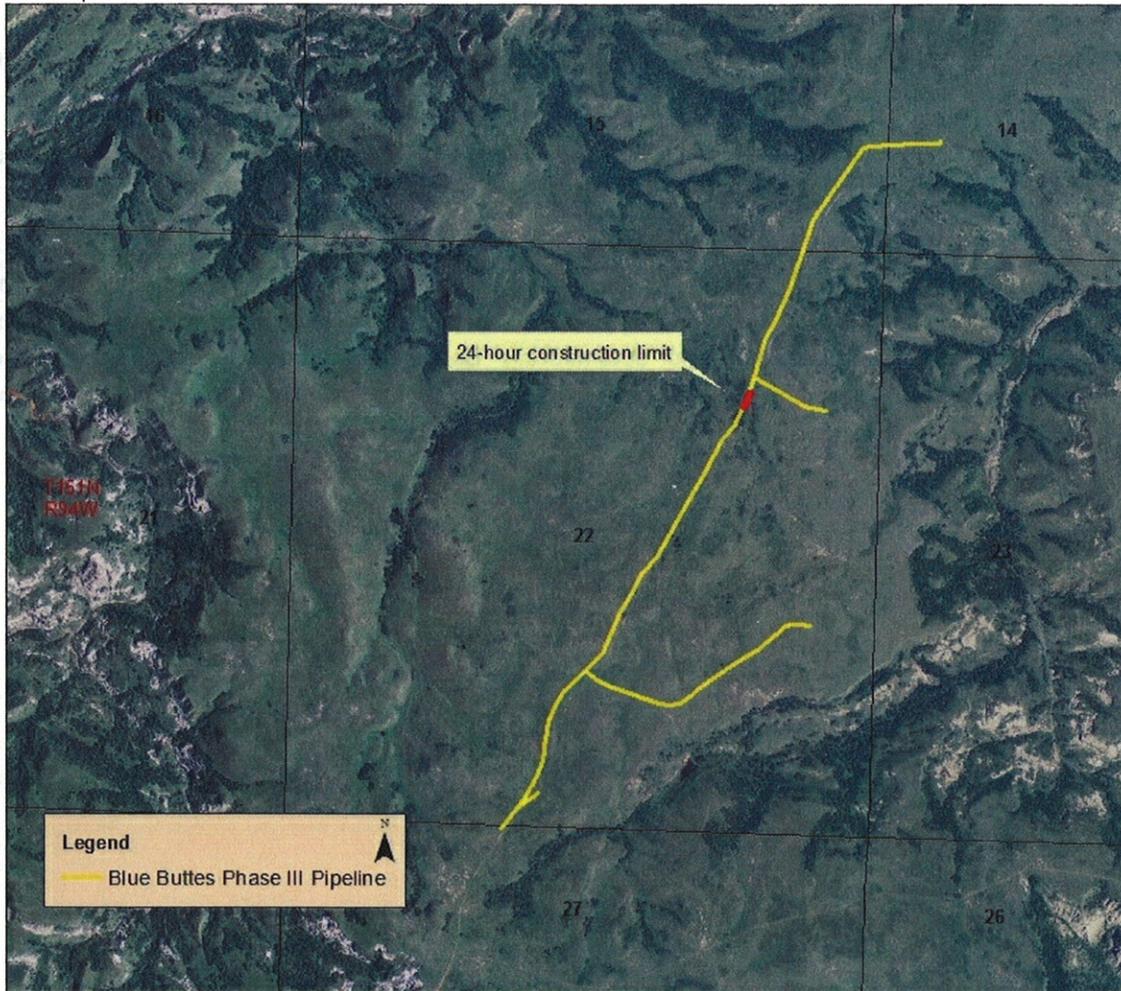


Figure 3, Avoidance/Minimization Map

E. Wildlife

During the pedestrian field surveys, migratory birds, raptors, big and small game species, non-game species, potential wildlife habitats, and/or bird nests were identified if present. During the field survey, one coyote (*Canis latrans*) was observed near the project location along with numerous song birds. No other wildlife species were observed during the field survey and no wildlife issues were documented. Wildlife species in that likely inhabit the proposed project area include white-tailed deer (*Odocoileus virginianus*), mule deer (*Odocoileus hemionus*), pronghorn (*Antilocapra americana*), red fox (*Vulpes vulpes*), white-tailed jackrabbit (*Lepus townsendii*), black tailed prairie dog (*Cynomys ludovicianus*), ring-necked pheasant (*Phasianus colchicus*), sharp-tailed grouse (*Tympanuchus phasianellus*) and several waterfowl species.

SBP has committed to conducting migratory bird nesting surveys within five days prior to construction if work is scheduled take place during the migratory bird breeding and nesting season, from February 1 thru July 15. In lieu of surveys, mowing/grubbing of the proposed corridor prior to the breeding and nesting season may be completed to deter birds from nesting in the project area. Electrical lines will be placed underground to prevent possible bird strikes and to minimize visual impacts.

8 NEPA ADEQUACY CRITERIA

This document has identified one previously prepared NEPA document, *Saddle Butte Pipeline, LLC (February 2010 Environmental Assessment (EA)/Finding of No Significant Impact (FONSI)) Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection*, which adequately describes the environmental consequences of the newly proposed actions described herein, and meets the following NEPA Adequacy Criteria:

1. The proposed actions are substantially the same actions and at the sites specifically analyzed in the existing NEPA documents.
2. The range of alternatives is reasonable with respect to the current proposed actions in the existing NEPA documents, which appropriately considers and analyzes current environmental concerns, interests, and resource values.
3. The existing analysis and conclusions are adequate in the existing NEPA documents. The analysis is still valid in light of new studies and/or resource assessment information.
4. The methodology and analytical approach used in the existing NEPA documents continues to be appropriate for the proposed actions.
5. The direct and indirect impacts of the proposed actions are unchanged from those identified in the existing NEPA documents.
6. The cumulative impacts that would result from implementation of the proposed actions are unchanged from those analyzed in the existing NEPA documents.
7. A 30-day comment period involving public input and interagency review was used in the development of the existing NEPA documents.



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

AUG 08 2012

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

Dear Mr. Crows Breast:

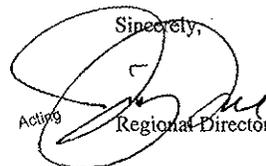
We have considered the potential effects on cultural resources of a pipeline in McKenzie County, North Dakota. Approximately 50.7 acres were intensively inventoried using a pedestrian methodology. Potential surface disturbances are not expected to exceed the area depicted in the enclosed report. One archaeological site (32MZ2000) was revisited and two sites (32MZ2408, 32MZ2412) were located, of which 32MZ2000 and 32MZ2408 may 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. Site 32MZ2412 has been evaluated as **not eligible**. No properties were located which 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 reached a determination of **no historic properties affected** for this undertaking, provided that nearby site 32MZ2000 is fenced out and avoided. Site 32MZ2408 is outside the project Area of Potential Effect. Catalogued as **BIA Case Number AAO-3031/FB/12**, the proposed undertaking, location, and project dimensions are described in the following report:

Ó Donnchadha, Brian
(2012) Blue Buttes PH 3 Natural Gas Gathering Line: A Class III Cultural Resource Inventory in McKenzie County, North Dakota. KLJ Cultural Resources for Saddle Butte Pipeline, LLC, Durango, CO.

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

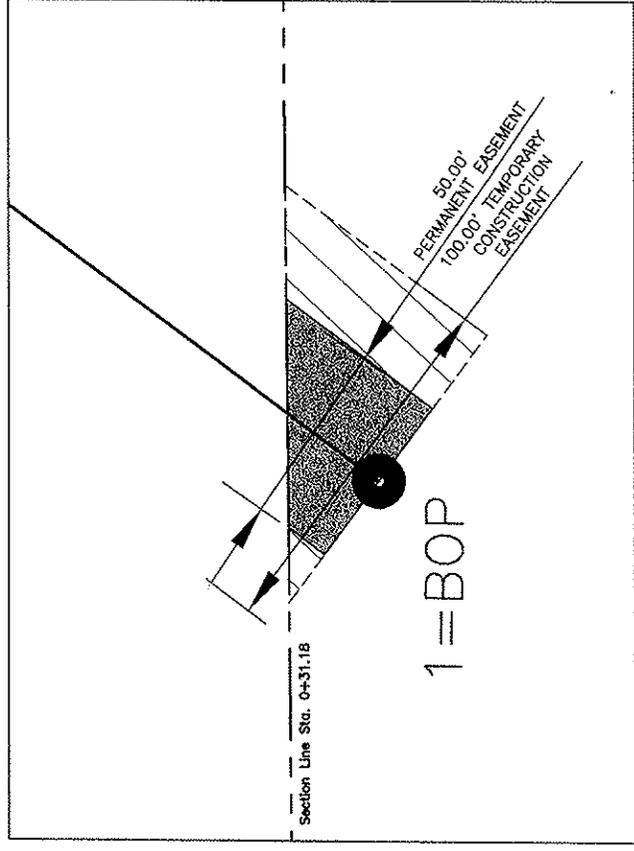
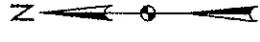
Enclosure

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

Appendix A

Pipeline and Right-of-Way Easements

ALLOTMENT T1011A-C
 NW1/4 SECTION 27, TOWNSHIP 151 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"



SYMBOL	ITEM
[Symbol]	GRADED ROAD SHOULDER
[Symbol]	CATTLE GRAZING
[Symbol]	TREE TRUNK TRUCKS
[Symbol]	CONTRACT LINE
[Symbol]	CONTRACT
[Symbol]	BARBED WIRE FENCE
[Symbol]	WHALE FENCE
[Symbol]	OVERHEAD POWER LINE
[Symbol]	POWER POLE/STREET LIGHT
[Symbol]	UTILITY MARKER OR SIGN
[Symbol]	TELEPHONE POST/STAY
[Symbol]	WALL CORNER

INSET "A"

SHEET 2 OF 3	
DWG. NO.	Blue Buttes
JOB NO.	3712143
SCALE:	1:40
PROJECT NUMBER	27-151-94 A

<p>Kadrnas Lee & Jackson P.L.L.C. 820 Main Street Bismarck, ND 58101</p>	<p>BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA EASEMENTS ON AND ACROSS THE NW1/4 SEC. 27, T.151N., R.94W.</p>
---	--

<p>SPP SURVEYING & PLANNING, INC. 858 Main Ave, Suite 301 Durango, CO 81301</p>	<p>DATE: 7/11/2012 DWG: -</p>
--	-----------------------------------



NOTE:
 Survey is based on North Dakota State Plane
 System, NAD83 (96), North Zone, Int. Foot.
 Azimuths shown are Grid Azimuths, distances
 shown are grid distance. Combined scale factor
 = 1.000147240 to go from grid distance to
 ground distance.

ALLOTMENT T1011A-C
 NW1/4 OF SECTION 27, TOWNSHIP 151 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

**SADDLE BUTTE PIPELINE COMPANY
 BLUE BUTTES EASEMENT**

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the Northwest Quarter (NW1/4) of Section 27, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the northwest corner of the Northwest Quarter of said Section 27; thence on an azimuth of 092°16'57" a distance of 1981.89 feet to the POINT OF BEGINNING (PI #1=BOP); thence on an azimuth of 038°33'49" a distance of 31.18 feet to the POINT OF TERMINATION on the north line of the Northwest Quarter of said Section 27. Said point is located on an azimuth of 271°33'45" a distance of 646.37 feet from the northeast corner of the Northwest Quarter of said Section 27.

Covering in all 31.18 feet or 1.89 rods.
 Said permanent easement contains 0.04 acres.

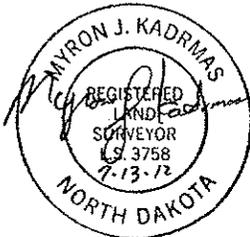
Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the Northwest Quarter (NW1/4) of Section 27, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the northwest corner of the Northwest Quarter of said Section 27; thence on an azimuth of 092°18'57" a distance of 1981.89 feet to the POINT OF BEGINNING (PI #1=BOP); thence on an azimuth of 038°33'49" a distance of 31.18 feet to the POINT OF TERMINATION on the north line of the Northwest Quarter of said Section 27. Said point is located on an azimuth of 271°33'45" a distance of 646.37 feet from the northeast corner of the Northwest Quarter of said Section 27.

Covering in all 31.18 feet or 1.89 rods.
 Said temporary construction easement contains 0.07 acres.

NOTES:

- Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
- Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.



I, Myron J. Kadrmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.

7-13-12
 Date

Myron J. Kadrmas
 Myron J. Kadrmas, Registered Land Surveyor
 N.D. RLS No. 3758

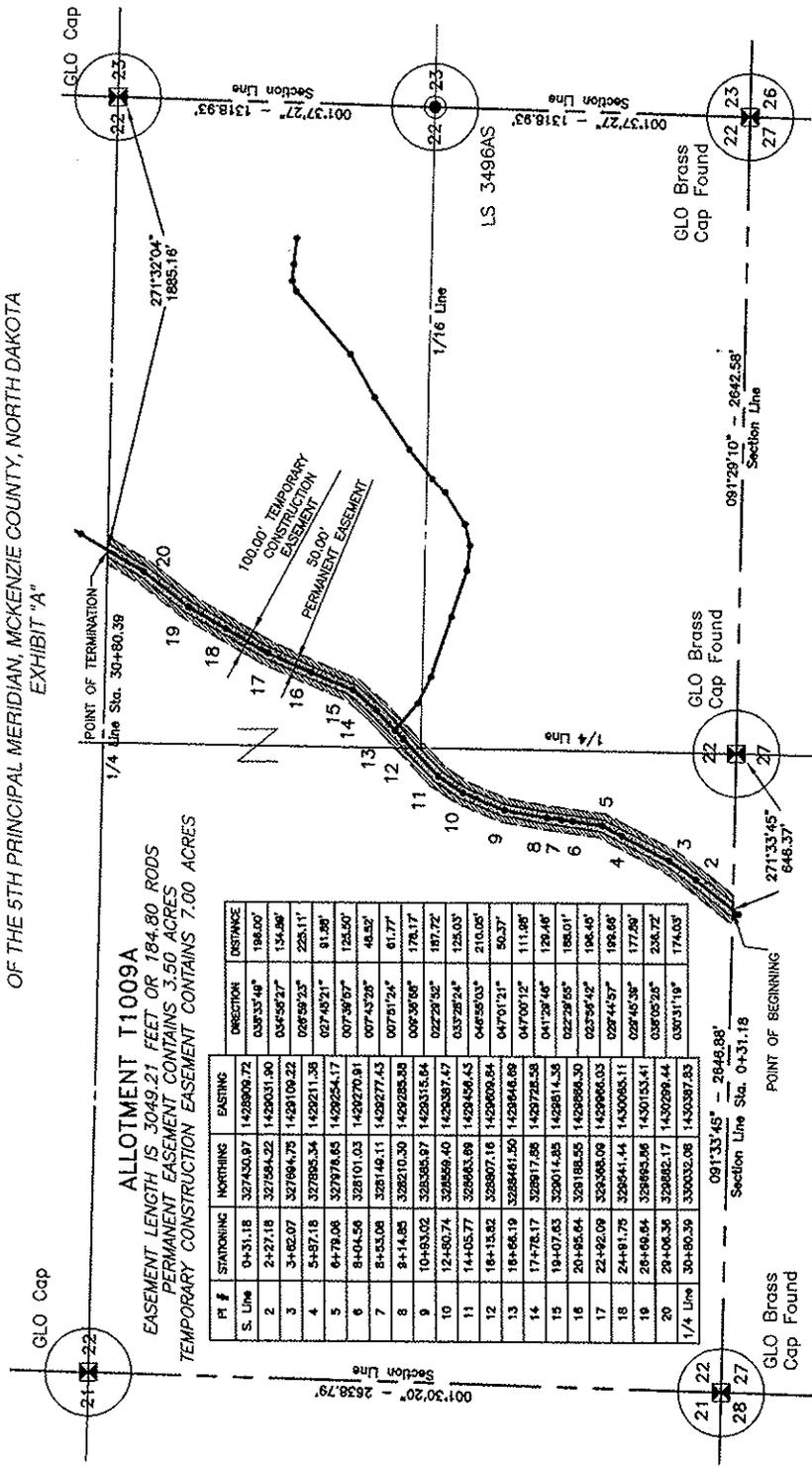
SHEET 2 OF 3

 Kadrmas, Lee & Jackson Engineers, Surveyors Planners © Kadrmas, Lee & Jackson 2012 DRAWN BY: M. Hecker	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes
		EASEMENTS ON AND ACROSS THE NW1/4 SEC. 27, T.151N., R.94W.	JOB NO. 3712143
ORIGINAL DATE: 7/11/2012 REV. DATE: -			SCALE: NONE PARCEL NUMBER: 27-151-94 A

ALLOTMENT T1009A

SW1/4 & N1/2SE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"

ALLOTMENT T1009A
EASEMENT LENGTH IS 3049.21 FEET OR 184.80 RODS
PERMANENT EASEMENT CONTAINS 3.50 ACRES
TEMPORARY CONSTRUCTION EASEMENT CONTAINS 7.00 ACRES



PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
1	0+31.18	327450.97	142800.72	036°33'48"	198.00'
2	2+27.18	327564.22	142903.90	04°56'27"	134.98'
3	3+42.07	327984.75	1429109.22	028°58'23"	225.11'
4	5+97.18	327985.34	1429211.38	027°40'21"	81.88'
5	6+79.08	327978.65	1429254.17	007°38'57"	128.50'
6	8+04.58	328101.03	1429270.81	007°43'28"	48.52'
7	8+14.85	328210.30	1429285.58	007°51'24"	61.77'
8	8+43.08	328149.11	1429277.43	002°39'58"	178.17'
9	10+93.02	328365.97	1429315.64	022°29'52"	187.72'
10	12+80.74	328559.40	1429387.47	032°28'24"	125.03'
11	14+05.77	328685.89	1429459.43	046°59'03"	210.05'
12	16+13.82	328807.16	1429600.84	047°01'21"	50.37'
13	18+68.19	3288441.50	1429644.69	047°00'12"	111.98'
14	17+78.17	328817.56	1429728.58	041°29'48"	129.46'
15	19+07.63	3290014.85	1429814.38	022°29'55"	185.01'
16	20+85.04	3291885.55	1429860.30	022°56'42"	198.45'
17	22+92.09	3293668.09	1429966.03	029°44'57"	198.08'
18	24+91.75	3295414.44	1430085.11	029°45'38"	177.58'
19	26+89.84	329695.06	1430153.41	038°05'20"	236.72'
20	28+06.36	329882.17	1430299.44	039°31'19"	174.03'
1/4 Line	30+80.39	330032.08	1430387.83		

LEGEND

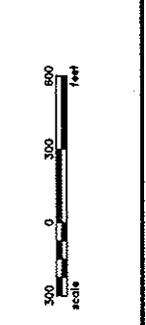
SYMBOL	ITEM
[Symbol]	CONCRETE WALL/STAIRS
[Symbol]	CATTLE CALVAD
[Symbol]	TRAIL ROADS, BUSHES
[Symbol]	DRAINAGE LINE
[Symbol]	CALVERT
[Symbol]	BARRIERS WIRE FENCE
[Symbol]	WALDUE FENCE
[Symbol]	OVERHEAD POWER LINE
[Symbol]	UTILITY MARKER OR SIGN
[Symbol]	TELEPHONE POST/PILE
[Symbol]	WELL LOCATION

BLUE BUTTES EASEMENT
MCKENZIE COUNTY, NORTH DAKOTA
EASEMENTS ON AND ACROSS THE
SW1/4 & N1/2SE1/4 OF SEC. 22, T.151N., R.94W.

Kadmas Lee & Jackson
Engineers & Surveyors
858 Main Ave, Suite 301
Dunsmuir, CA 95921

SPP
SPECIALTY SURVEYING PRACTICE, LLC
858 Main Ave, Suite 301
Dunsmuir, CA 95921

DATE: 7/11/2012
BY: [Signature]
CHECKED: [Signature]



NOTE:
Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.

ALLOTMENT T1009A
SW1/4 & N1/2SE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the Southwest Quarter and the North Half of the Southeast Quarter (SW1/4 & N1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the southeast corner of the Southwest Quarter of said Section 22; thence along the south line of the Southwest Quarter of said Section 22 on an azimuth of 271°33'45" a distance of 646.37 feet to the POINT OF BEGINNING; thence on an azimuth of 038°33'49" a distance of 196.00 feet to a point (PI #2); thence on an azimuth of 034°58'27" a distance of 134.89 feet to a point (PI #3); thence on an azimuth of 026°59'23" a distance of 225.11 feet to a point (PI #4); thence on an azimuth of 027°45'21" a distance of 91.88 feet to a point (PI #5); thence on an azimuth of 007°39'57" a distance of 125.50 feet to a point (PI #6); thence on an azimuth of 007°43'28" a distance of 48.52 feet to a point (PI #7); thence on an azimuth of 007°51'24" a distance of 61.77 feet to a point (PI #8); thence on an azimuth of 009°36'58" a distance of 178.17 feet to a point (PI #9); thence on an azimuth of 022°29'52" a distance of 187.72 feet to a point (PI #10); thence on an azimuth of 033°28'24" a distance of 125.03 feet to a point (PI #11); thence on an azimuth of 046°55'03" a distance of 210.05 feet to a point (PI #12); thence on an azimuth of 047°01'21" a distance of 50.37 feet to a point (PI #13); thence on an azimuth of 047°00'12" a distance of 111.98 feet to a point (PI #14); thence on an azimuth of 041°29'46" a distance of 129.46 feet to a point (PI #15); thence on an azimuth of 022°29'55" a distance of 188.01 feet to a point (PI #16); thence on an azimuth of 023°56'42" a distance of 196.45 feet to a point (PI #17); thence on an azimuth of 029°44'57" a distance of 199.66 feet to a point (PI #18); thence on an azimuth of 029°45'39" a distance of 177.89 feet to a point (PI #19); thence on an azimuth of 038°05'26" a distance on 236.72 feet to a point (PI #20); thence on an azimuth of 030°31'19" a distance of 174.03 feet to the POINT OF TERMINATION on the north line of the South Half of said Section 22. Said point is located on an azimuth of 271°32'04" a distance of 1885.16 feet from the northeast corner of the South Half of said Section 22.

Covering in all 3049.21 feet or 184.80 rods.
 Said permanent easement contains 3.50 acres, more or less.

Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the Southwest Quarter and the North Half of the Southeast Quarter (SW1/4 & N1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

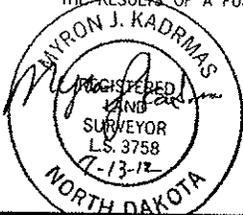
Commencing at the southeast corner of the Southwest Quarter of said Section 22; thence along the south line of the Southwest Quarter of said Section 22 on an azimuth of 271°33'45" a distance of 646.37 feet to the POINT OF BEGINNING; thence on an azimuth of 038°33'49" a distance of 196.00 feet to a point (PI #2); thence on an azimuth of 034°58'27" a distance of 134.89 feet to a point (PI #3); thence on an azimuth of 026°59'23" a distance of 225.11 feet to a point (PI #4); thence on an azimuth of 027°45'21" a distance of 91.88 feet to a point (PI #5); thence on an azimuth of 007°39'57" a distance of 125.50 feet to a point (PI #6); thence on an azimuth of 007°43'28" a distance of 48.52 feet to a point (PI #7); thence on an azimuth of 007°51'24" a distance of 61.77 feet to a point (PI #8); thence on an azimuth of 009°36'58" a distance of 178.17 feet to a point (PI #9); thence on an azimuth of 022°29'52" a distance of 187.72 feet to a point (PI #10); thence on an azimuth of 033°28'24" a distance of 125.03 feet to a point (PI #11); thence on an azimuth of 046°55'03" a distance of 210.05 feet to a point (PI #12); thence on an azimuth of 047°01'21" a distance of 50.37 feet to a point (PI #13); thence on an azimuth of 047°00'12" a distance of 111.98 feet to a point (PI #14); thence on an azimuth of 041°29'46" a distance of 129.46 feet to a point (PI #15); thence on an azimuth of 022°29'55" a distance of 188.01 feet to a point (PI #16); thence on an azimuth of 023°56'42" a distance of 196.45 feet to a point (PI #17); thence on an azimuth of 029°44'57" a distance of 199.66 feet to a point (PI #18); thence on an azimuth of 029°45'39" a distance of 177.89 feet to a point (PI #19); thence on an azimuth of 038°05'26" a distance on 236.72 feet to a point (PI #20); thence on an azimuth of 030°31'19" a distance of 174.03 feet to the POINT OF TERMINATION on the north line of the South Half of said Section 22. Said point is located on an azimuth of 271°32'04" a distance of 1885.16 feet from the northeast corner of the South Half of said Section 22.

Covering in all 3049.21 feet or 184.80 rods.
 Said temporary easement contains 7.00 acres, more or less.

NOTES:

- Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
- Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.

I, Myron J. Kadrmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.



Date 7-13-12

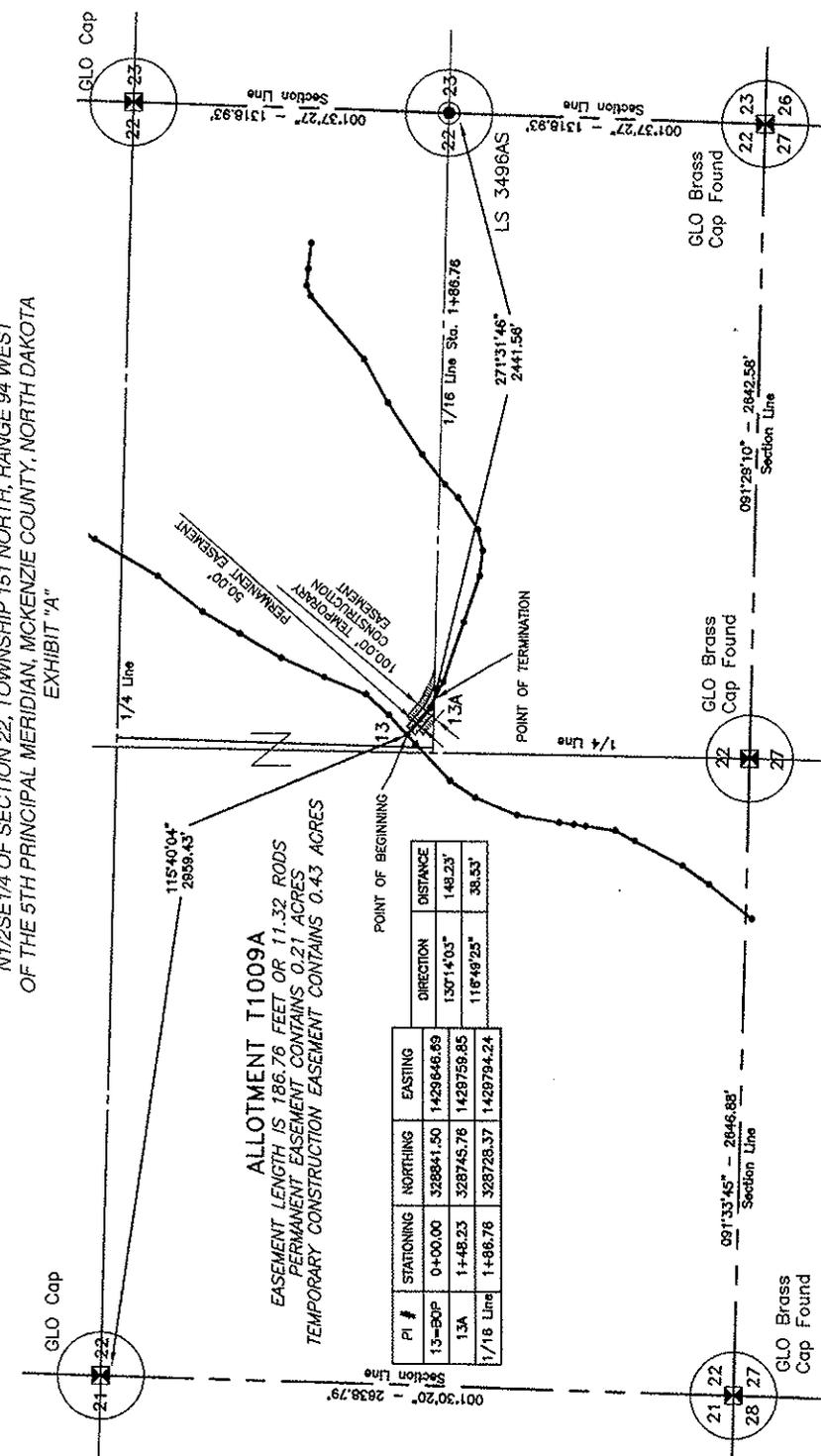
Myron J. Kadrmas
 Myron J. Kadrmas, Registered Land Surveyor
 N.D. RLS No. 3758

SHEET 2 OF 2

 Kadrmas, Lee & Jackson Engineers Surveyors Planners 858 Main Ave, Suite 301 Durango, CO 81301	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes
		EASEMENTS ON AND ACROSS THE SW1/4 & N1/2SE1/4 SEC. 22, T.151N., R.94W.	JOB NO. 3712143
DRAWN BY: M. Heeber CHECKED DATE: 7/11/2012 REV. DATE: -			SCALE: NONE PARCEL NUMBER: 22-151-94 A

ALLOTMENT T1009A

N1/2SE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"



ALLOTMENT T1009A

EASEMENT LENGTH IS 186.76 FEET OR 11.32 RODS
PERMANENT EASEMENT CONTAINS 0.21 ACRES
TEMPORARY CONSTRUCTION EASEMENT CONTAINS 0.43 ACRES

PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
13-50P	0+00.00	328841.50	1429646.89	130°14'03"	149.23'
13A	1+48.23	328745.78	1428759.85	118°49'25"	38.53'
1/16 Line	1+86.76	328728.37	1428794.24		

LEGEND

SYMBOL	ITEM
[Symbol]	GRAVED ROAD SEALLOOR
[Symbol]	CATTLE GUARD
[Symbol]	TREE ROWS, BUSHES
[Symbol]	DRAINAGE LINE
[Symbol]	CAVEMT
[Symbol]	SHARED WIRE FENCE
[Symbol]	WELDEP FENCE
[Symbol]	OVERHEAD POWER LINE
[Symbol]	POWER POLE/STREET LIGHT
[Symbol]	UTILITY MANHOLE OR SHAK
[Symbol]	TURF
[Symbol]	WELL LOCATION

SWG NO. Blue Buttes
JOB NO. 3712143
SCALE: 1:600
PROJECT NUMBER 22-151-94 B

Kadmas Lee & Jackson
SURVEYORS
838 Main Ave, Suite 301
Burlington, CO 81301
DATE: 7/11/2012
BY: [Signature]

NOTE: Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are grid azimuths, distances are grid distances. Corner marker is 1.000147240 to 90° from grid distance to ground distance.

ALLOTMENT T1009A
N1/2SE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the North Half of the Southeast Quarter (N1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the northwest corner of the Southwest Quarter of said Section 22; thence on an azimuth of 115°40'04" a distance of 2959.43 feet to the POINT OF BEGINNING (PI #13=BOP); thence on an azimuth of 130°14'03" a distance of 148.23 feet to a point (PI #13A); thence on an azimuth of 116°49'25" a distance of 38.53 feet to the POINT OF TERMINATION on the south line of the North Half of the Southeast Quarter of said Section 22. Said point is located on an azimuth of 271°31'46" a distance of 2441.56 feet from the northeast corner of the South Half of the Southeast Quarter of said Section 22. Except the west 25 feet of said easement.

Covering in all 186.76 feet or 11.32 rods.
 Said permanent easement contains 0.21 acres, more or less.

Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the North Half of the Southeast Quarter (N1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the northwest corner of the Southwest Quarter of said Section 22; thence on an azimuth of 115°40'04" a distance of 2959.43 feet to the POINT OF BEGINNING (PI #13=BOP); thence on an azimuth of 130°14'03" a distance of 148.23 feet to a point (PI #13A); thence on an azimuth of 116°49'25" a distance of 38.53 feet to the POINT OF TERMINATION on the south line of the North Half of the Southeast Quarter of said Section 22. Said point is located on an azimuth of 271°31'46" a distance of 2441.56 feet from the northeast corner of the South Half of the Southeast Quarter of said Section 22. Except the west 50 feet of said easement.

Covering in all 186.76 feet or 11.32 rods.
 Said temporary construction easement contains 0.43 acres, more or less.

NOTES:

1. Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
2. Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.



I, Myron J. Kadrmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.

7-13-12
 Date

Myron J. Kadrmas
 Myron J. Kadrmas, Registered Land Surveyor
 N.D. RLS No. 3758

SHEET 2 OF 2

 © Kadmas, Lee & Jackson 2012 DRAWN BY: M. Hoobar	 SADDLE BUTTE PIPELINE, LLC 856 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes JOB NO. 3712143
		EASEMENTS ON AND ACROSS THE N1/2SE1/4 SEC. 22, T.151N., R.94W.	SCALE: NONE PARCEL NUMBER 22-151-94 B

ALLOTMENT 1009A-A
 S1/2SE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the South Half of the Southeast Quarter (S1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the southwest corner of the South Half of the Southeast Quarter of said Section 22; thence on an azimuth of 010°16'30" a distance of 1336.46 feet to the POINT OF BEGINNING on the north line of the South Half of the Southeast Quarter of said Section 22; thence on an azimuth of 116°49'25" a distance of 83.42 feet to a point (PI #13B); thence on an azimuth of 109°08'29" a distance of 263.01 feet to a point (PI #13C); thence on an azimuth of 109°09'24" a distance of 202.37 feet to a point (PI #13D); thence on an azimuth of 096°44'38" a distance of 106.03 feet to a point (PI #13E); thence on an azimuth of 076°53'33" a distance of 89.45 feet to a point (PI #13F); thence on an azimuth of 058°01'25" a distance of 156.96 feet to a point (PI #13G); thence on an azimuth of 045°53'49" a distance of 76.34 feet to a point (PI #13H); thence on an azimuth of 052°20'17" a distance of 35.32 feet to the POINT OF TERMINATION on the north line of the South Half of the Southeast Quarter of said Section 22. Said point is located on an azimuth of 271°31'46" a distance of 1518.82 feet from the northeast corner of the South Half of the Southeast Quarter of said Section 22.

Covering in all 1012.90 feet or 61.39 rods.
 Said permanent easement contains 1.16 acres, more or less.

Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the South Half of the Southeast Quarter (S1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the southwest corner of the South Half of the Southeast Quarter of said Section 22; thence on an azimuth of 010°16'30" a distance of 1336.46 feet to the POINT OF BEGINNING on the north line of the South Half of the Southeast Quarter of said Section 22; thence on an azimuth of 116°49'25" a distance of 83.42 feet to a point (PI #13B); thence on an azimuth of 109°08'29" a distance of 263.01 feet to a point (PI #13C); thence on an azimuth of 109°09'24" a distance of 202.37 feet to a point (PI #13D); thence on an azimuth of 096°44'38" a distance of 106.03 feet to a point (PI #13E); thence on an azimuth of 076°53'33" a distance of 89.45 feet to a point (PI #13F); thence on an azimuth of 058°01'25" a distance of 156.96 feet to a point (PI #13G); thence on an azimuth of 045°53'49" a distance of 76.34 feet to a point (PI #13H); thence on an azimuth of 052°20'14" a distance of 35.32 feet to the POINT OF TERMINATION on the north line of the South Half of the Southeast Quarter of said Section 22. Said point is located on an azimuth of 271°31'46" a distance of 1518.82 feet from the northeast corner of the South Half of the Southeast Quarter of said Section 22.

Covering in all 1012.90 feet or 61.39 rods.
 Said temporary construction easement contains 2.33 acres, more or less.

NOTES:

- Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
- Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.



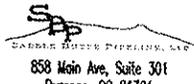
I, Myron J. Kadmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.


 Myron J. Kadmas, Registered Land Surveyor
 N.D. RLS No. 3758

7-13-12

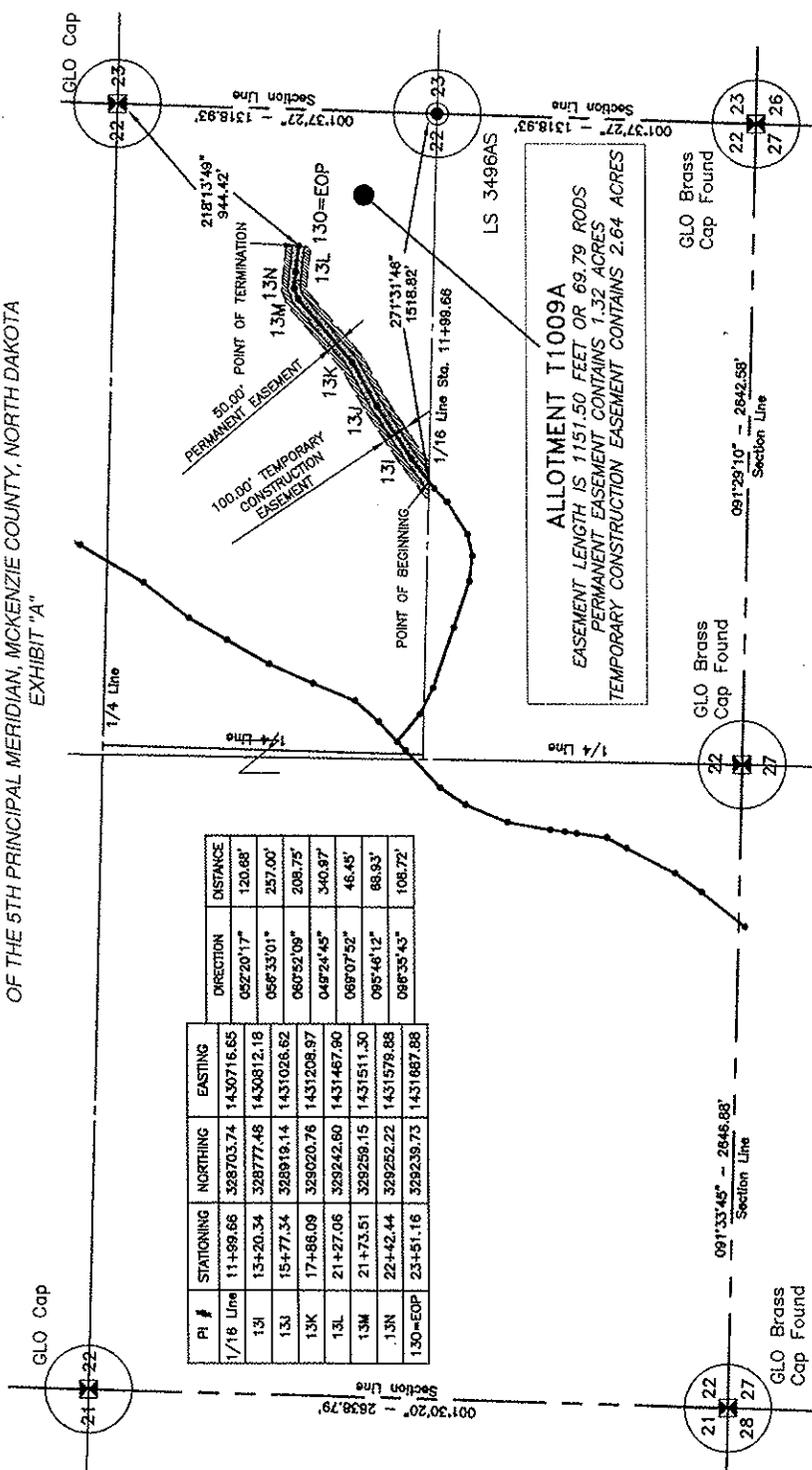
 Date

SHEET 2 OF 2

 Kadmas, Lee & Jackson 858 Main Ave, Suite 301 Durango, CO 81301	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes
		EASEMENTS ON AND ACROSS THE S1/2SE1/4 SEC. 22, T.151N., R.94W.	JOB NO. 3712143
DRAWN BY: M. Heister	ORIGIN DATE: 7/11/2012	REV. DATES: -	SCALE: NONE PLOT NUMBER 22-151-94 C

ALLOTMENT T1009A

N1/2SE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"



PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
1/16 Line	11+89.66	328703.74	1430716.65	052°20'17"	120.68'
13J	13+20.34	328777.46	1430812.18	066°33'01"	257.00'
13K	15+77.34	328919.14	1431026.62	067°52'09"	208.75'
13L	17+88.09	329020.76	1431208.97	048°24'45"	340.97'
13M	21+73.51	329259.15	1431467.90	069°07'52"	46.45'
13N	22+42.44	329252.22	1431578.88	095°46'12"	88.93'
13O=EOP	23+51.16	329239.73	1431887.88	086°35'43"	108.72'

LEGEND

SYMBOL	ITEM
▨	GRADED ROAD SHOULDER
▧	CATTLE GRASS
▩	100' ROWS, BUSHES
▪	ORANGE LINE
▫	ORANGE LINE
▬	BARBED WIRE FENCE
▭	WELDER FENCE
▮	OVERHEAD POWER LINE
▯	POWER POLY/STEEL LIGHT
▰	UTILITY POLES OR SIGN
▱	TEMPORARY EASEMENT
▲	WELL LOCATION

SHEET 1 OF 2

Kadmas Lee & Jackson Professional Surveyors 838 Main Ave, Suite 301 Durango, CO 81301	Blue Buttes JOB NO. 3712143	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA
DATE: 7/11/2012 DRAWN BY: M. Hoyer	SCALE: 1:600 PARCEL NUMBER: 22-151-94 D	EASEMENTS ON AND ACROSS THE N1/2SE1/4 OF SEC. 22, T.151N., R.94W.

LAYOUT: 22-151-94 D (1)

NOTE: Survey is based on North Dakota State Plane Survey, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance, Combined scale factor = 1.000147240 to go from grid distance to ground distance.

ALLOTMENT T1009A
 N1/2SE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the North Half of the Southeast Quarter (N1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the southeast corner of the North Half of the Southeast Quarter of said Section 22; thence along the north line of the South Half of the Southeast Quarter of said Section 22 on an azimuth of 271°31'46" a distance of 1518.82 feet to the POINT OF BEGINNING; thence on an azimuth of 052°20'17" a distance of 120.68 feet to a point (PI #13I); thence on an azimuth of 056°33'01" a distance of 257.00 feet to a point (PI #13J); thence on an azimuth of 060°52'09" a distance of 208.75 feet to a point (PI #13K); thence on an azimuth of 049°24'45" a distance of 340.97 feet to a point (PI #13L); thence on an azimuth of 069°07'52" a distance of 46.45 feet to a point (PI #13M); thence on an azimuth of 095°46'12" a distance of 68.93 feet to a point (PI #13N); thence on an azimuth of 096°35'43" a distance of 108.72 feet to the POINT OF TERMINATION (PI #13O=EOP). Said point is located on an azimuth of 218°13'49" a distance of 944.42 feet from the northeast corner of the North Half of the Southeast Quarter of said Section 22.

Covering in all 1151.50 feet or 69.79 rods.
 Said permanent easement contains 1.32 acres, more or less.

Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the North Half of the Southeast Quarter (N1/2SE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the southeast corner of the North Half of the Southeast Quarter of said Section 22; thence along the north line of the South Half of the Southeast Quarter of said Section 22 on an azimuth of 271°31'46" a distance of 1518.82 feet to the POINT OF BEGINNING; thence on an azimuth of 052°20'17" a distance of 120.68 feet to a point (PI #13I); thence on an azimuth of 056°33'01" a distance of 257.00 feet to a point (PI #13J); thence on an azimuth of 060°52'09" a distance of 208.75 feet to a point (PI #13K); thence on an azimuth of 049°24'45" a distance of 340.97 feet to a point (PI #13L); thence on an azimuth of 069°07'52" a distance of 46.45 feet to a point (PI #13M); thence on an azimuth of 095°46'12" a distance of 68.93 feet to a point (PI #13N); thence on an azimuth of 096°35'43" a distance of 108.72 feet to the POINT OF TERMINATION (PI #13O=EOP). Said point is located on an azimuth of 218°13'49" a distance of 944.42 feet from the northeast corner of the North Half of the Southeast Quarter of said Section 22.

Covering in all 1151.50 feet or 69.79 rods.
 Said temporary construction easement contains 2.64 acres, more or less.

NOTES:

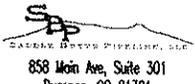
- Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
- Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.



I, Myron J. Kadrmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.

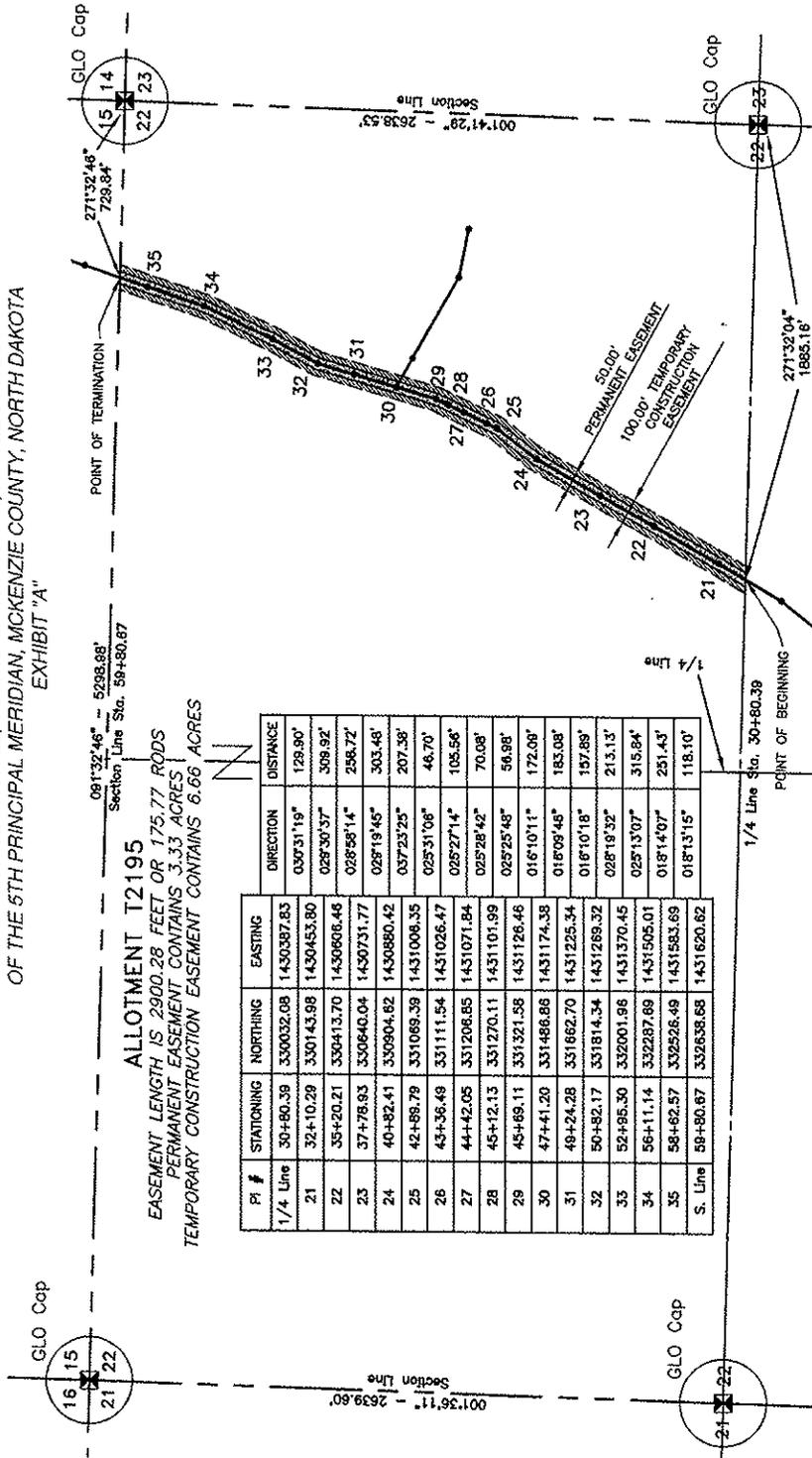

 Myron J. Kadrmas, Registered Land Surveyor
 N.D. RLS No. 3758
 Date 7-13-12

SHEET 2 OF 2

 Kadrmas, Lee & Jackson Engineers Surveyors Planners © Kadrmas, Lee & Jackson 2012 DRAWN BY: M. Hecker	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes JOB NO. 3712143
		EASEMENTS ON AND ACROSS THE N1/2SE1/4 SEC. 22, T.151N., R.94W.	SCALE: NONE PARCEL NUMBER 22-151-94 D

ALLOTMENT T2195

NE 1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"

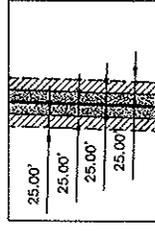


ALLOTMENT T2195
EASEMENT LENGTH IS 2900.28 FEET OR 175.77 RODS
PERMANENT EASEMENT CONTAINS 3.33 ACRES
TEMPORARY CONSTRUCTION EASEMENT CONTAINS 6.66 ACRES

PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
1/4 Line	30+80.39	330032.08	1430387.93	037°31'19"	129.90
21	32+10.29	330143.98	1430453.80	028°30'37"	309.92
22	35+20.21	330413.70	1430606.48	028°58'14"	298.72
23	37+78.93	330640.04	1430731.77	028°18'45"	303.48
24	40+82.41	330904.82	1430880.42	037°23'25"	207.38
25	42+88.79	331089.39	1431006.35	025°31'08"	46.70
26	43+36.49	331111.54	1431026.47	025°27'14"	105.56
27	44+42.05	331206.85	1431071.84	025°28'42"	70.08
28	45+12.13	331270.11	1431101.99	025°25'48"	56.98
29	45+69.11	331321.58	1431128.46	016°10'11"	172.06
30	47+41.20	331486.88	1431174.38	016°09'46"	183.08
31	49+24.28	331662.70	1431225.34	016°10'18"	197.89
32	50+82.17	331814.34	1431289.32	028°18'32"	213.13
33	52+85.30	332001.96	1431370.45	025°13'07"	315.84
34	56+11.14	332287.89	1431505.01	018°14'07"	251.43
35	58+82.57	332526.49	1431583.69	018°13'15"	118.10
S. Line	59+80.67	332638.68	1431620.82		

LEGEND

SYMBOL	ITEM
[Symbol]	GRADED ROAD SHOULDER
[Symbol]	TREE TRUNK BUSHES
[Symbol]	DRAINAGE LAKE
[Symbol]	COURT
[Symbol]	BARBED WIRE FENCE
[Symbol]	WIRELESS FENCE
[Symbol]	OVERHEAD POWER LINE
[Symbol]	UTILITY NUMBER OR SPAN
[Symbol]	TELEPHONE POST/STAKE
[Symbol]	WELL LOCATION



SHEET 1 OF 2

 Kadmas Lee & Jackson Professional Engineers © Kadmas Lee & Jackson, PLLC DANIEL W. M. HANSEN	 S&P 838 Main Ave, Suite 301 Durango, CO 81301	DWG NO.	Blue Buttes
		JOB NO.	3712143
SCALE: 1:600 PROJECT NUMBER: 22-151-94 E		BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA EASEMENTS ON AND ACROSS THE NE 1/4 OF SEC. 22, T.151N., R.94W.	

NOTE: Survey is based on North Dakota State Plane System, NAD83 (98) Geoid Zone, in feet. All distances shown are grid distance. Combined scale = 1.000147240 to go from grid distance to ground distance.



ALLOTMENT T2195
NE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the Northeast Quarter (NE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the southeast corner of the Northeast Quarter of said Section 22; thence along the south line of the Northeast Quarter of said Section 22 on an azimuth of 271°32'04" a distance of 1885.16 feet to the POINT OF BEGINNING; thence on an azimuth of 030°31'19" a distance of 129.90 feet to a point (PI #21); thence on an azimuth of 029°30'37" a distance of 309.92 feet to a point (PI #22); thence on an azimuth of 028°58'14" a distance of 258.72 feet to a point (PI #23); thence on an azimuth of 029°19'45" a distance of 303.48 feet to a point (PI #24); thence on an azimuth of 037°23'25" a distance of 207.38 feet to a point (PI #25); thence on an azimuth of 025°31'06" a distance of 46.70 feet to a point (PI #26); thence on an azimuth of 025°27'14" a distance of 105.56 feet to a point (PI #27); thence on an azimuth of 025°28'42" a distance of 70.08 feet to a point (PI #28); thence on an azimuth of 025°25'48" a distance of 56.98 feet to a point (PI #29); thence on an azimuth of 016°10'11" a distance of 172.09 feet to a point (PI #30); thence on an azimuth of 016°09'46" a distance of 183.08 feet to a point (PI #31); thence on an azimuth of 016°10'18" a distance of 157.89 feet to a point (PI #32); thence on an azimuth of 028°19'32" a distance of 213.13 feet to a point (PI #33); thence on an azimuth of 025°13'07" a distance of 315.84 feet to a point (PI #34); thence on an azimuth of 018°14'07" a distance of 251.43 feet to a point (PI #35); thence on an azimuth of 018°13'15" a distance of 118.10 feet to the POINT OF TERMINATION on the north line of the Northeast Quarter of said Section 22. Said point is located on an azimuth of 271°32'46" a distance of 729.84 feet from the northeast corner of the Northeast Quarter of said Section 22.

Covering in all 2900.28 feet or 175.77 rods.
 Said permanent easement contains 3.33 acres, more or less.

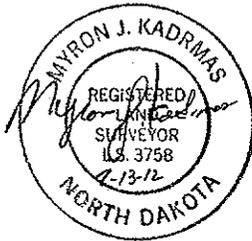
Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the Northeast Quarter (NE1/4) of Section 22, Township 151 North, Range 95 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the southeast corner of the Northeast Quarter of said Section 22; thence along the south line of the Northeast Quarter of said Section 22 on an azimuth of 271°32'04" a distance of 1885.16 feet to the POINT OF BEGINNING; thence on an azimuth of 030°31'19" a distance of 129.90 feet to a point (PI #21); thence on an azimuth of 029°30'37" a distance of 309.92 feet to a point (PI #22); thence on an azimuth of 028°58'14" a distance of 258.72 feet to a point (PI #23); thence on an azimuth of 029°19'45" a distance of 303.48 feet to a point (PI #24); thence on an azimuth of 037°23'25" a distance of 207.38 feet to a point (PI #25); thence on an azimuth of 025°31'06" a distance of 46.70 feet to a point (PI #26); thence on an azimuth of 025°27'14" a distance of 105.56 feet to a point (PI #27); thence on an azimuth of 025°28'42" a distance of 70.08 feet to a point (PI #28); thence on an azimuth of 025°25'48" a distance of 56.98 feet to a point (PI #29); thence on an azimuth of 016°10'11" a distance of 172.09 feet to a point (PI #30); thence on an azimuth of 016°09'46" a distance of 183.08 feet to a point (PI #31); thence on an azimuth of 016°10'18" a distance of 157.89 feet to a point (PI #32); thence on an azimuth of 028°19'32" a distance of 213.13 feet to a point (PI #33); thence on an azimuth of 025°13'07" a distance of 315.84 feet to a point (PI #34); thence on an azimuth of 018°14'07" a distance of 251.43 feet to a point (PI #35); thence on an azimuth of 018°13'15" a distance of 118.10 feet to the POINT OF TERMINATION on the north line of the Northeast Quarter of said Section 22. Said point is located on an azimuth of 271°32'46" a distance of 729.84 feet from the northeast corner of the Northeast Quarter of said Section 22.

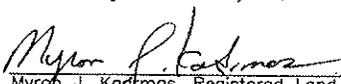
Covering in all 2900.28 feet or 175.77 rods.
 Said temporary construction easement contains 6.66 acres, more or less.

NOTES:

- Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
- Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.

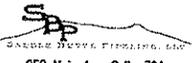


I, Myron J. Kodrmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plot shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.


 Myron J. Kodrmas, Registered Land Surveyor
 N.D. RLS No. 3758

7-13-12
 Date

SHEET 2 OF 2

 Kadmas, Lee & Jackson Registered Professional Surveyors © Kadmas, Lee & Jackson 2012 DRAWN BY: M. Meador	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES CONNECTION MCKENZIE COUNTY, NORTH DAKOTA EASEMENTS ON AND ACROSS THE NE1/4 SEC. 22, T.151N., R.94W.	DWG NO. Blue Buttes JOB NO. 3712143 SCALE: NONE PARCEL NUMBER 22-151-94 E
DATE: 7/11/2012 REV. DATE: -			

ALLOTMENT T2195
 NE1/4 OF SECTION 22, TOWNSHIP 151 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the Northeast Quarter (NE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the northeast corner of the Northeast Quarter of said Section 22; thence on an azimuth of 226°05'04" a distance of 1632.25 feet to the POINT OF BEGINNING (PI #30=BOP); thence on an azimuth of 119°32'35" a distance of 138.83 feet to a point (PI #30A); thence on an azimuth of 119°32'12" a distance of 387.76 feet to a point (PI #30B); thence on an azimuth of 101°40'07" a distance of 204.63 feet to the POINT OF TERMINATION (PI #30C=EOP). Said point is located on an azimuth of 339°57'18" a distance of 1281.91 feet from the southeast corner of the Northeast Quarter of Section 22. Except the west 25 feet of said easement.

Covering in all 731.22 feet or 44.32 rods.
 Said permanent easement contains 0.84 acres, more or less.

Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the Northeast Quarter (NE1/4) of Section 22, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the northeast corner of the Northeast Quarter of said Section 22; thence on an azimuth of 226°05'04" a distance of 1632.25 feet to the POINT OF BEGINNING (PI #30=BOP); thence on an azimuth of 119°32'35" a distance of 138.83 feet to a point (PI #30A); thence on an azimuth of 119°32'12" a distance of 387.76 feet to a point (PI #30B); thence on an azimuth of 101°40'07" a distance of 204.63 feet to the POINT OF TERMINATION (PI #30C=EOP). Said point is located on an azimuth of 339°57'18" a distance of 1281.91 feet from the southeast corner of the Northeast Quarter of Section 22. Except the west 50 feet of said easement.

Covering in all 731.22 feet or 44.32 rods.
 Said temporary construction easement contains 1.68 acres, more or less.

NOTES:

- Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
- Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.



I, Myron J. Kadmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.

7-13-12
 Date

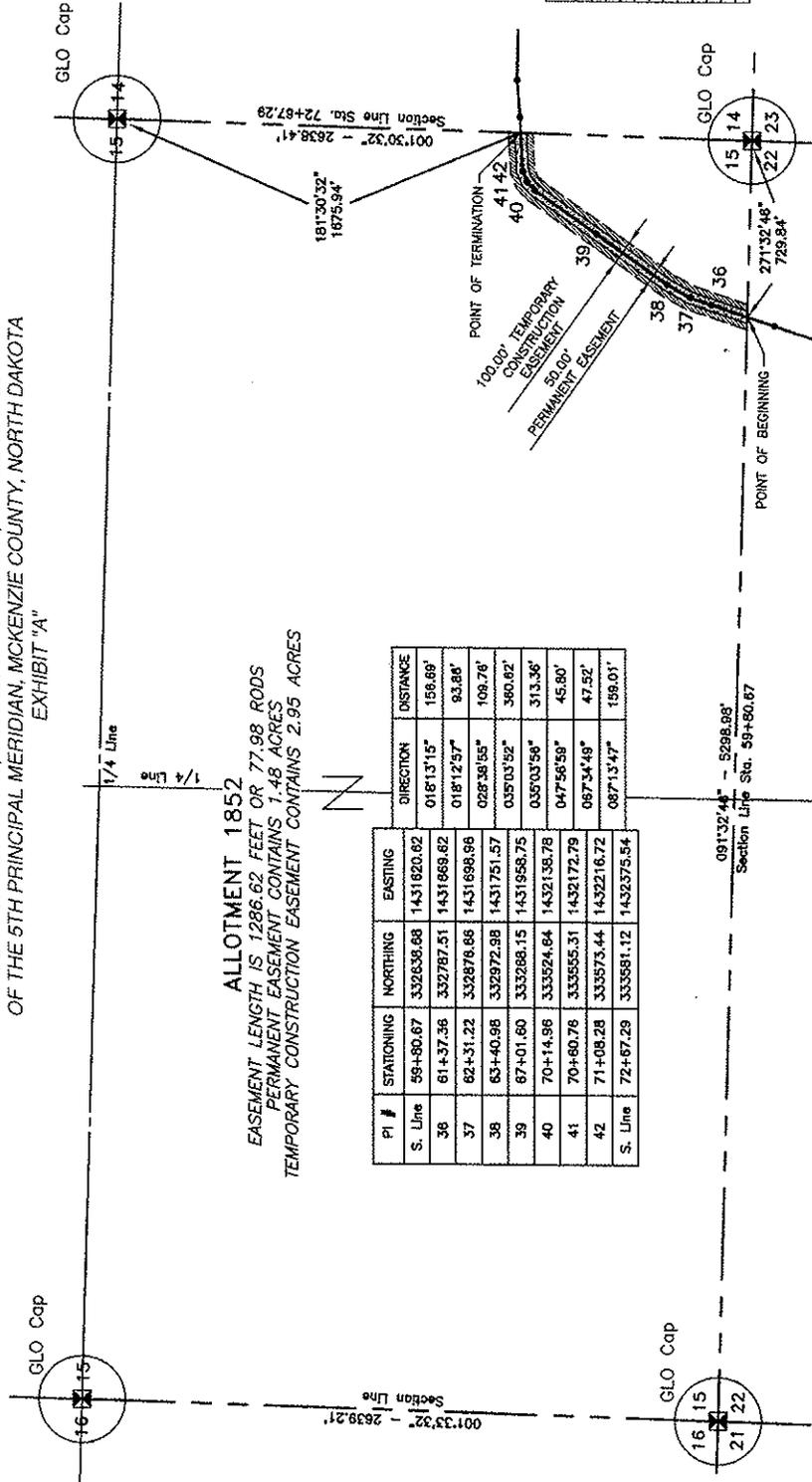
Myron J. Kadmas
 Myron J. Kadmas, Registered Land Surveyor
 N.D. RLS No. 3758

SHEET 2 OF 2

 Kadmas Lee & Jackson Engineers Surveyors Planners 858 Main Ave, Suite 301 Durango, CO 81301 © Kadmas, Lee & Jackson 2012 DRAWN BY: M. Hecker CHECKED BY: M. Hecker DATE: 7/11/2012 REV. DATE: -	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes JOB NO. 3712143
		EASEMENTS ON AND ACROSS THE NE1/4 SEC. 22, T.151N., R.94W.	SCALE: NONE PARCEL NUMBER 22-151-94 F

ALLOTMENT 1852

SE1/4 OF SECTION 15, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"



ALLOTMENT 1852
EASEMENT LENGTH IS 1286.62 FEET OR 77.98 RODS
PERMANENT EASEMENT CONTAINS 1.48 ACRES
TEMPORARY CONSTRUCTION EASEMENT CONTAINS 2.95 ACRES

PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
S. Line	59+80.67	332636.66	1431620.62	018°13'15"	156.69'
36	61+37.36	332787.51	1431688.62	018°12'57"	93.86'
37	62+31.22	332878.66	1431688.66	028°38'55"	109.76'
38	63+40.98	332972.98	1431751.57	038°03'52"	360.62'
39	67+01.60	333288.15	1431958.75	039°03'56"	313.36'
40	70+14.96	333524.64	1432138.78	047°56'59"	45.80'
41	70+80.78	333555.31	1432172.79	087°34'48"	47.52'
42	71+08.28	333573.44	1432216.72	087°13'47"	159.01'
S. Line	72+67.29	333581.12	1432375.54		

SHEET 1 OF 2
DWG NO. Blue Buttes
JOB NO. 3712143
SCALE: 1:600
PARCEL NUMBER 15-151-94 A
LAYOUT: 15-151-94 A (2)

BLUE BUTTES EASEMENT
MCKENZIE COUNTY, NORTH DAKOTA
EASEMENTS ON AND ACROSS THE
SE1/4 OF SEC. 15, T.151N., R.94W.

SPP
SOUTHERN PIPELINE PROJECTS, LLC
888 Main Ave, Suite 301
Bismarck, ND 58101
DATE: 7/11/2012
DRAWN BY: M. Heuber

Kadmas Lee & Jackson
Registered Professional Surveyors
801 N. 1st St., Bismarck, ND 58101
DRAWN BY: M. Heuber

NOTE: Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are grid azimuths, distances are ground distances. Contour interval is 1.000147240, to go from grid distance to ground distance.



ALLOTMENT 1852
 SE1/4 OF SECTION 15, TOWNSHIP 151 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the Southeast Quarter (SE1/4) of Section 15, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the southeast corner of the Southeast Quarter of said Section 15; thence along the south line of the Southeast Quarter of said Section 15 on an azimuth of 271°32'46" a distance of 729.84 feet to the POINT OF BEGINNING; thence on an azimuth of 018°13'15" a distance of 156.69 feet to a point (PI #36); thence on an azimuth of 018°12'57" a distance of 93.86 feet to a point (PI #37); thence on an azimuth of 028°38'55" a distance of 109.76 feet to a point (PI #38); thence on an azimuth of 035°03'52" a distance of 360.62 feet to a point (PI #39); thence on an azimuth of 035°03'56" a distance of 313.36 feet to a point (PI #40); thence on an azimuth of 047°56'59" a distance of 45.80 feet to a point (PI# 41); thence on an azimuth of 067°34'49" a distance of 47.52 feet to a point (PI #42); thence on an azimuth of 087°13'47" a distance of 159.01 feet to the POINT OF TERMINATION on the east line of Southeast Quarter of said Section 15. Said point is located on an azimuth of 181°30'32" a distance of 1675.94 feet from the northeast corner of the Southeast Quarter of said Section 15.

Covering in all 1286.62 feet or 77.98 rods.
 Said permanent easement contains 1.48 acres, more or less.

Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the Southeast Quarter (SE1/4) of Section 15, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the southeast corner of the Southeast Quarter of said Section 15; thence along the south line of the Southeast Quarter of said Section 15 on an azimuth of 271°32'46" a distance of 729.84 feet to the POINT OF BEGINNING; thence on an azimuth of 018°13'15" a distance of 156.69 feet to a point (PI #36); thence on an azimuth of 018°12'57" a distance of 93.86 feet to a point (PI #37); thence on an azimuth of 028°38'55" a distance of 109.76 feet to a point (PI #38); thence on an azimuth of 035°03'52" a distance of 360.62 feet to a point (PI #39); thence on an azimuth of 035°03'56" a distance of 313.36 feet to a point (PI #40); thence on an azimuth of 047°56'59" a distance of 45.80 feet to a point (PI# 41); thence on an azimuth of 067°34'49" a distance of 47.52 feet to a point (PI #42); thence on an azimuth of 087°13'47" a distance of 159.01 feet to the POINT OF TERMINATION on the east line of Southeast Quarter of said Section 15. Said point is located on an azimuth of 181°30'32" a distance of 1675.94 feet from the northeast corner of the Southeast Quarter of said Section 15.

Covering in all 1286.62 feet or 77.98 rods.
 Said temporary construction easement contains 2.95 acres, more or less.

NOTES:

1. Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
2. Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.



I, Myron J. Kadmas, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.

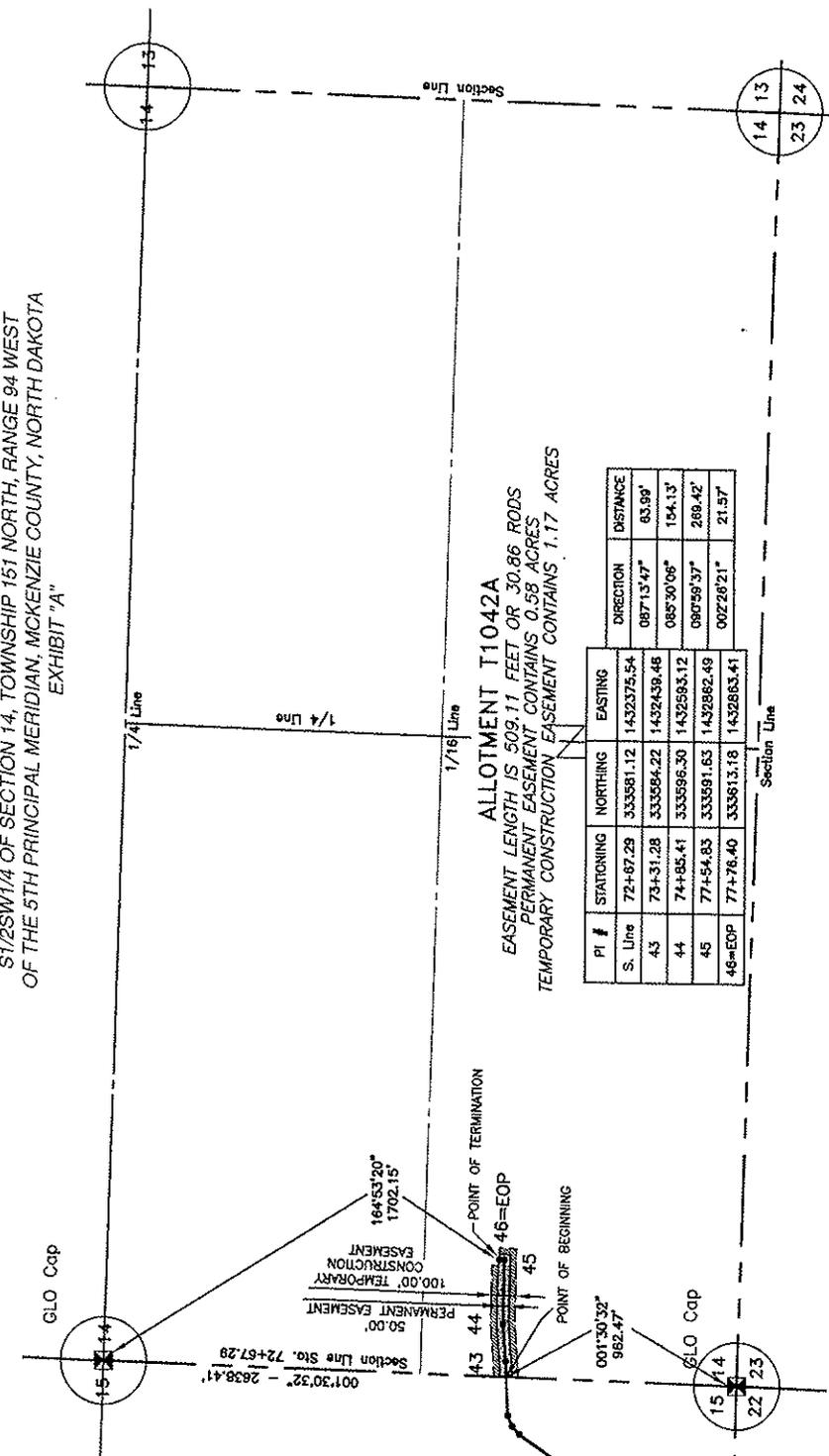
Myron J. Kadmas
 Myron J. Kadmas, Registered Land Surveyor
 N.D. RLS No. 3758

7-13-12
 Date

SHEET 2 OF 2

 Kadmas, Lee & Jackson Engineers Surveyors Planners © Kadmas, Lee & Jackson 2012 DRAWN BY: M. Hecker	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes
		EASEMENTS ON AND ACROSS THE SE1/4 SEC. 15, T.151N., R.94W.	JOB NO. 3712143
			SCALE: NONE
			PARCEL NUMBER 15-151-94 A

ALLOTMENT T1042A
 S1/2SW1/4 OF SECTION 14, TOWNSHIP 15T NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"



ALLOTMENT T1042A
 EASEMENT LENGTH IS 509.11 FEET OR 30.86 RODS
 PERMANENT EASEMENT CONTAINS 0.58 ACRES
 TEMPORARY CONSTRUCTION EASEMENT CONTAINS 1.17 ACRES

PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
S. Line	72+67.29	333581.12	1432375.54	087°13'47"	63.99'
43	73+31.28	333584.22	1432439.48	085°30'06"	154.13'
44	74+85.41	333596.30	1432593.12	080°59'37"	288.42'
45	77+54.83	333591.63	1432882.49	002°26'21"	21.57'
46=EOP	77+76.40	333613.18	1432883.41		

NOTE:
 Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.



Kadimas Lee & Jackson
 Registered Professional Surveyors
 888 Main Ave, Suite 301
 Bismarck, ND 58101
 DATE: 10/27/2011
 DRAWN BY: M. Hooser

Blue Buttes
 MCKENZIE COUNTY, NORTH DAKOTA
 EASEMENTS ON AND ACROSS THE
 S1/2SW1/4 OF SEC. 14, T.151N., R.94W.

SHEET 1 OF 2

ALLOTMENT T1042A

S1/2SW1/4 OF SECTION 14, TOWNSHIP 151 NORTH, RANGE 94 WEST
OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
BLUE BUTTES EASEMENT

DESCRIPTION: PERMANENT EASEMENT SURVEY

A fifty (50) foot wide continual easement for utilities and pipelines of an oil and gas collection system over, under and across the South Half of the Southwest Quarter (S1/2SW1/4) of Section 14, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying twenty-five (25) feet on each side of the following described line:

Commencing at the southwest corner of the South Half of the Southwest Quarter of said Section 14; thence along the west line of the South Half of the Southwest Quarter of said Section 14 on an azimuth of 001°30'32" a distance of 962.47 feet to the POINT OF BEGINNING; thence on an azimuth of 087°13'47" a distance of 63.99 feet to a point (PI #43); thence on an azimuth of 085°30'06" a distance of 154.13 feet to a point (PI #44); thence on an azimuth of 090°59'37" a distance of 269.42 feet to a point (PI #45); thence on an azimuth of 002°26'21" a distance of 21.57 feet to the POINT OF TERMINATION (PI 46=EOP). Said point is located on an azimuth of 164°53'20" a distance of 1702.15 feet from the northwest corner of the South Half of said Section 14.

Covering in all 509.11 feet or 30.86 rods.
Said permanent easement contains 0.58 acres, more or less.

Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across the South Half of the Southwest Quarter (S1/2SW1/4) of Section 14, Township 151 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the southwest corner of the South Half of the Southwest Quarter of said Section 14; thence along the west line of the South Half of the Southwest Quarter of said Section 14 on an azimuth of 001°30'32" a distance of 962.47 feet to the POINT OF BEGINNING; thence on an azimuth of 087°13'47" a distance of 63.99 feet to a point (PI #43); thence on an azimuth of 085°30'06" a distance of 154.13 feet to a point (PI #44); thence on an azimuth of 090°59'37" a distance of 269.42 feet to a point (PI #45); thence on an azimuth of 002°26'21" a distance of 21.57 feet to the POINT OF TERMINATION (PI 46=EOP). Said point is located on an azimuth of 164°53'20" a distance of 1702.15 feet from the northwest corner of the South Half of said Section 14.

Covering in all 509.11 feet or 30.86 rods.
Said temporary construction easement contains 1.17 acres, more or less.

NOTES:

- Survey is based on North Dakota State Plane System, NAD83 (96), North Zone, Int. Foot. Azimuths shown are Grid Azimuths, distances shown are grid distance. Combined scale factor = 1.000147240 to go from grid distance to ground distance.
- Descriptions and sketches of easements depicted herein are based on information obtained while conducting the survey for easement acquisition and on deeds supplied by the client, and DO NOT CONSTITUTE THE RESULTS OF A FULL BOUNDARY SURVEY.



I, Myron J. Kadrmias, Registered Land Surveyor, N.D. RLS No. 3758, do hereby certify that the survey plot shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief. The field survey was performed by Kirk J. Jorgenson on May 24, 2012.

7-13-12
Date

Myron J. Kadrmias
Myron J. Kadrmias, Registered Land Surveyor
N.D. RLS No. 3758

SHEET 2 OF 2

 Kadrmias, Lee & Jackson Engineers Surveyors Planners 858 Main Ave, Suite 301 Durango, CO 81301 © Kadrmias, Lee & Jackson 2012	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BLUE BUTTES EASEMENT MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. Blue Buttes JOB NO. 3712143
		EASEMENTS ON AND ACROSS THE S1/2SW1/4 SEC. 14, T.151N., R.94W.	SCALE: NONE PARCEL NUMBER 14-151-94 A
DRAWN BY: M. Hecker CHECKED DATE: 7/11/2012 REV. DATE: -			