



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

DEC 22 2011

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 Addendum has been completed and a Finding of No Significant Impact (FONSI) has been issued. The addendum authorizes land use for installation of gathering pipelines connecting EOG's Clark Creek well to the Saddle Butte 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 EA Addendum, FONSI and Notice of Availability. The Council on Environmental Quality (CEQ) regulations require that there be a public notice of availability of the FONSI (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 Wolf, SWCA (with attachment)
Jonathon Shelman, Corps of Engineers
Jeff Hunt, Fort Berthold Agency

Finding of No Significant Impact

Saddle Butte Pipeline, LLC (SBP)

***Addendum to:
Saddle Butte Pipeline, LLC August 2010 Environmental Assessment
Saddle Butte Trunk Lines (Connecting EOG's Clark Creek Wells)***

***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 11,200 feet of natural gas, oil and/or water pipelines (four lines) in McKenzie County, North Dakota, on the Fort Berthold Reservation. Additional ROW may be required at boring locations under BIA 4 and at a creek crossing. The new lines would connect to the Saddle Butte Trunk Lines (September 2010 EA/ Finding of No Significant Impact (FONSI)) outside of the Fort Berthold Indian Reservation boundary. The pipelines would tie into EOG's West Clark Section 24 well pad (January 2011 EA/ FONSI). 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.

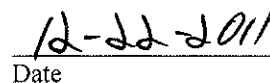
This determination is based on the following factors:

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.



Regional Director

ACTING


Date

Notice of Availability and Appeal Rights

Saddle Butte Pipeline: Addendum to Environmental Assessment to Authorize Land Use for the Installation of Gathering Pipelines Connecting the Clarks Creek well to the Saddle Butte Pipeline System

The Bureau of Indian Affairs (BIA) is planning to issue administrative approvals related to an Addendum to Environmental Assessment to Authorize Land Use for the Installation of Gathering Pipelines Connecting EOG's West Clarks Creek Well to the Saddle Butte Pipeline System on the Fort Berthold Reservation as shown on the attached map. Construction by Saddle Butte Pipeline is expected to begin in 2012.

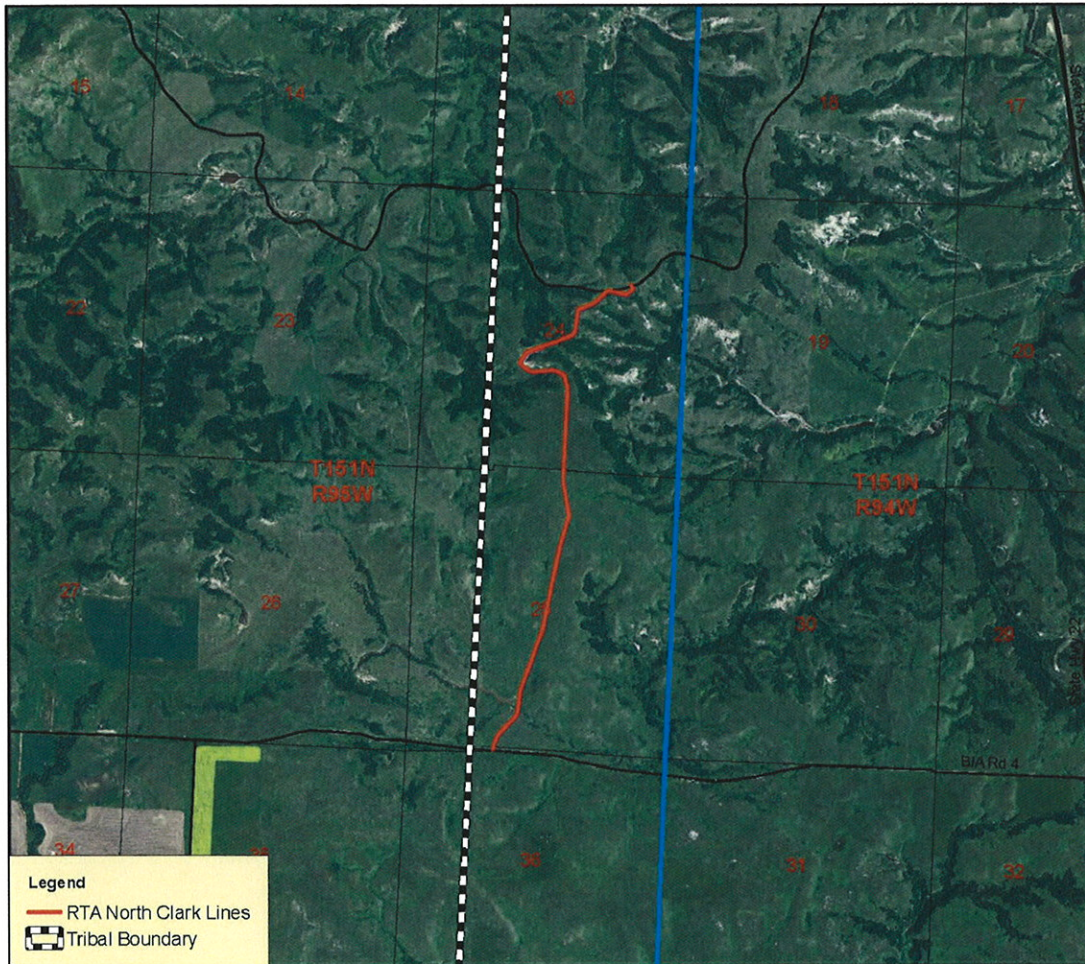
An environmental assessment (EA) determined that proposed activities will not cause significant impacts to the human environment. An environmental impact statement is not required. Contact Earl Silk, Superintendent at 701-627-4707 for more information and/or copies of the EA and the Finding of No Significant 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 January 20, 2012, by contacting:

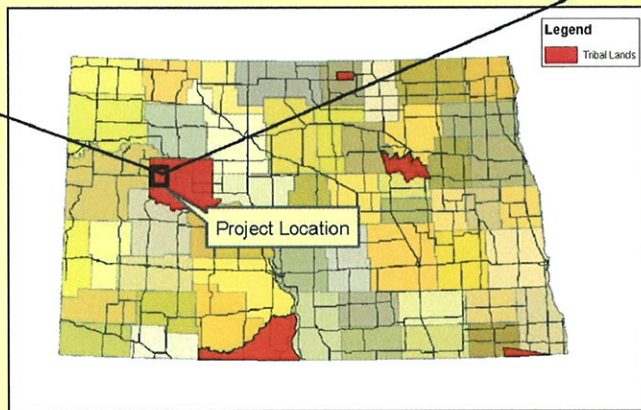
United States Department of the Interior
Office of Hearings and Appeals
Interior Board of Indian Appeals
801 N. Quincy Street, Suite 300, Arlington, Va 22203.

Procedural details are available from the BIA Fort Berthold Agency at 701-627-4707.

Project locations.



**Saddle Butte Pipeline, LLC
RTA North - Clark Lines
McKenzie County, ND**



ENVIRONMENTAL ASSESSMENT

Addendum

United States Bureau of Indian Affairs

Great Plains Regional Office
Aberdeen, South Dakota



Saddle Butte Pipeline, LLC
RTA North, West Clark Pipelines

Addendum to:

Saddle Butte Pipeline, LLC August 2010 Environmental Assessment
Saddle Butte Trunk Lines (*Connecting EOG's Clark Creek Wells*)

Fort Berthold Indian Reservation

December 2011

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.....	5
6	Field Resource Surveys	6
7	Assessment of Environmental Impacts.....	6
	A. Ground Water.....	7
	B. Land Use	7
	C. Public Health and Safety.....	8
	D. Surface Water.....	8
	E. Wetlands	9
	F. Cultural Resources.....	11
8	NEPA Adequacy Criteria.....	12

FIGURES

Figure 1, Project Location Map.....	2
Figure 2, Typical Right-of-way Cross Section	5
Figure 3, Vegetation Along Route.....	8
Figure 4, Wetland Map.....	10

TABLES

Table 1, Land Use	7
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APPENDIX

Appendix A, Pipeline Layout and Right-of-Way Plats

1 PURPOSE AND NEED FOR THE PROPOSED ACTION

Saddle Butte Pipeline, LLC (SBP) proposes to construct approximately 11,200 feet of natural gas, oil and/or water pipelines (4 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. Additional temporary ROW may be required at boring locations under BIA 4 and at a creek crossing. The new lines would connect to the Saddle Butte Trunk Lines (September 2010 EA/ Finding of No Significant Impact (FONSI)) outside of the Fort Berthold Indian Reservation boundary. These pipelines are proposed to tie in to EOG's West Clark Section 24 well pad (January 2011 EA/ FONSI).

The proposed pipelines would be located on tribal lands and would connect to a pipeline alignment that has separately achieved a Finding of No Significant Impact (FONSI) approval under the National Environmental Policy Act (NEPA) of 1969, as amended. The proposed natural gas, oil and/or water pipelines would be located in the following location:

- T151N, R95W, Sections 24 and 25

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 EOG 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. It would also 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.

Please refer to **Error! Reference source not found..**

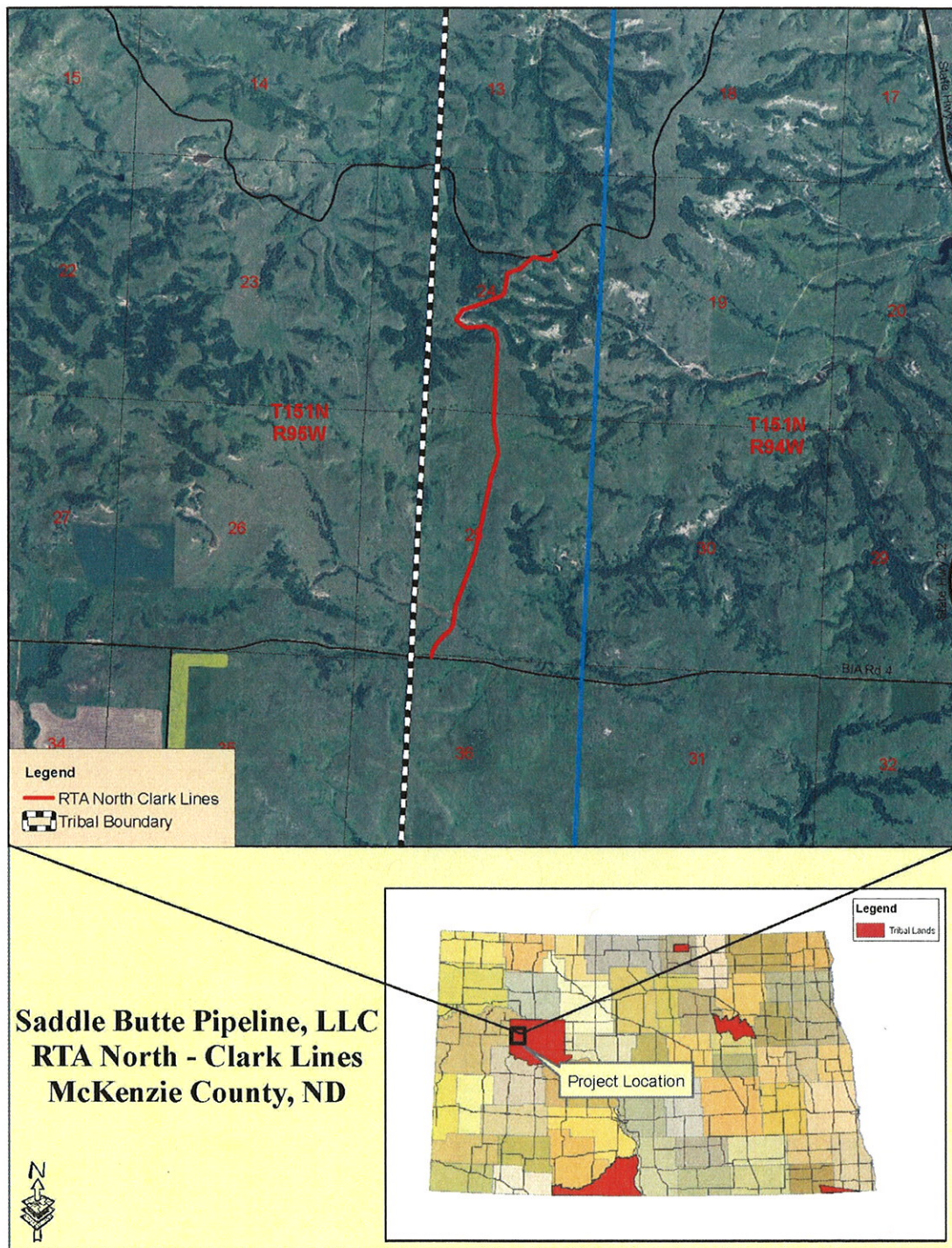


Figure 1, Project Location Map

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 water pipelines would be located in McKenzie County, North Dakota, in the following location:

- T151N, R95W, Sections 24 and 25

4 SCOPE OF WORK FOR PROPOSED ACTION

The proposed action includes authorization by the BIA to install up to four pipelines, gathering system, 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 and the water line would likely consist of a poly line up to six inches in diameter.

Twenty eight miles of natural gas and oil pipelines were approved in a FONSI for the Saddle Butte Trunk Lines project on September 9, 2010. Since that time, plans have been developed to construct additional lines to newly developed oil and gas wells in the surrounding area, connecting to the Saddle Butte Trunk Lines. Construction of the new lines is expected to take approximately 90 days and would be confined to the 100-foot ROW corridor along with any additional temporary ROW needed for boring under BIA 4 and a creek crossing.

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. Saddle Butte 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, Saddle Butte would immediately conduct a cathodic survey utilizing test stations, rectifier pads and other means designed by cathodic protection specialists. Saddle Butte 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 Saddle Butte installations are monitored by an inspection/construction management team as well as independent third party contract experts. Saddle Butte's construction specifications require contractors to allow for inspection, and no pipeline is laid and backfilled without appropriate approvals. Hydrotesting 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 100-foot ROW along the entire pipeline corridor. In addition, boring of the pipeline under the BIA 4 and at a creek crossing may require additional temporary ROW. 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 will 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, Saddle Butte 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 Saddle Butte 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, Saddle Butte would also install straw wattles or similar BMP's 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 along with providing temporary crossings when crossing land with livestock present. Trenches would be excavated to a depth sufficient to maintain a minimum of 48 inches of ground coverage over the pipeline. The proposed route crosses BIA 4 which consists of a gravel roadway. A roadway crossing permit would be required to cross the roadway prior to construction. The roadway would be bored under and would provide for a minimal crossing depth of 72 inches. ***Typical Right-of-way cross section is as shown in Figure 2.*** 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.

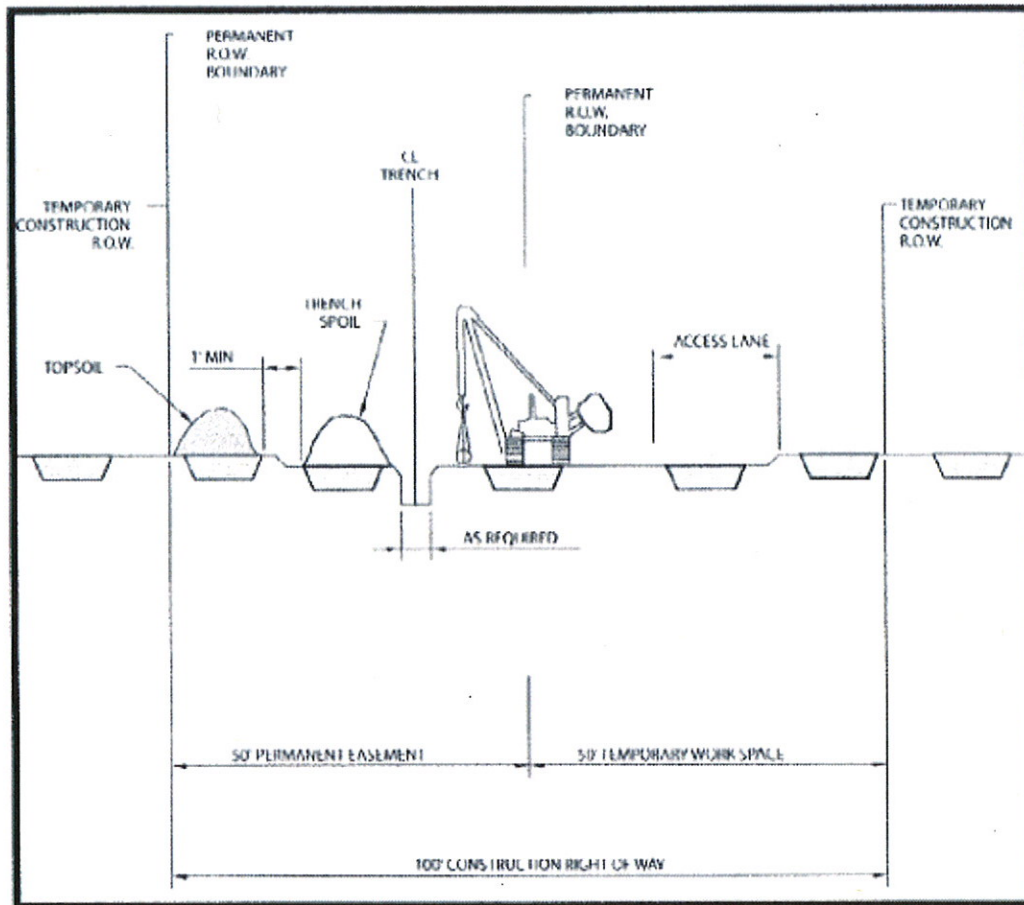


Figure 2, Typical Right-of-way Cross Section

5 APPLICABLE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DOCUMENTS

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

- Environmental Assessment, Saddle Butte Pipeline, LLC, Saddle Butte Trunk Lines, Fort Berthold Indian Reservation, August 2010. The EA FONSI was issued September 9, 2010.
- Environmental Assessment, EOG Resources, Inc., Clarks Creek EA for Eleven Development Oil Wells, Fort Berthold Indian Reservation, January 2011. The EA FONSI was issued January 11, 2011.

6 FIELD RESOURCE SURVEYS

An intensive, pedestrian resource survey of the proposed pipeline corridor was conducted on August 18, 2011 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, eagle, 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 August 18, 2011. The BIA Environmental Protection Specialist, SBP, the Tribal Historic Preservation Office (THPO), and KL&J participated in this assessment. During this assessment, construction suitability with respect to topography, stockpiling, drainage, erosion control, and other surface issues were considered. Sections of the proposed route were adjusted in the field to avoid potential cultural resources. Those present at the on-site assessment agreed that the new location, along with the minimization measures Saddle Butte Pipeline plans to implement, are 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 104.5 acres were inventoried between August 16 and September 23, 2011 (Ó Donnchadha and Macy 2011). Two archaeological sites were located and two previously recorded archaeological sites were revisited that may possess the quality of integrity and meet at least one of the criteria (36 CFR 60.6) for inclusion on the National Register. Two additional sites were revisited that are considered not eligible for 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 November 23, 2011; however, the THPO did not respond within the allotted 30 day comment period.

Ó Donnchadha, Brian, and Jennifer N. Macy

(2011) RTA North Clarks 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 expansion of the project has changed the impact assessment reflected in the August 2010 EA, or to note why the impact assessment has not changed.

A. Ground Water

Saddle Butte'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.

Due to the drilling methods and pipeline standards mentioned above, no impacts to groundwater, including groundwater wells and aquifers, are expected to result from the proposed project.

B. Land Use

The proposed project area is located within a predominantly rural area; land use consists primarily of grassland (96%) with lesser amounts of shrubland and woodland. The proposed project would temporarily convert approximately 25.7 acres of land from its existing use into a pipeline corridor. **Please refer to Table 1, Land Use and Figure 3, Vegetation Along Route.** 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. Some activities, such as those associated with developed lands, may be restricted within the permanent 50-foot ROW. No mitigation is proposed.

Table 1, Land Use

LAND CLASSIFICATION	PERCENT OF STUDY AREA	IMPACTED ACRES
Grasslands	95.8	24.8
Shrubland	0.7	0.2
Woodland	3.5	0.9

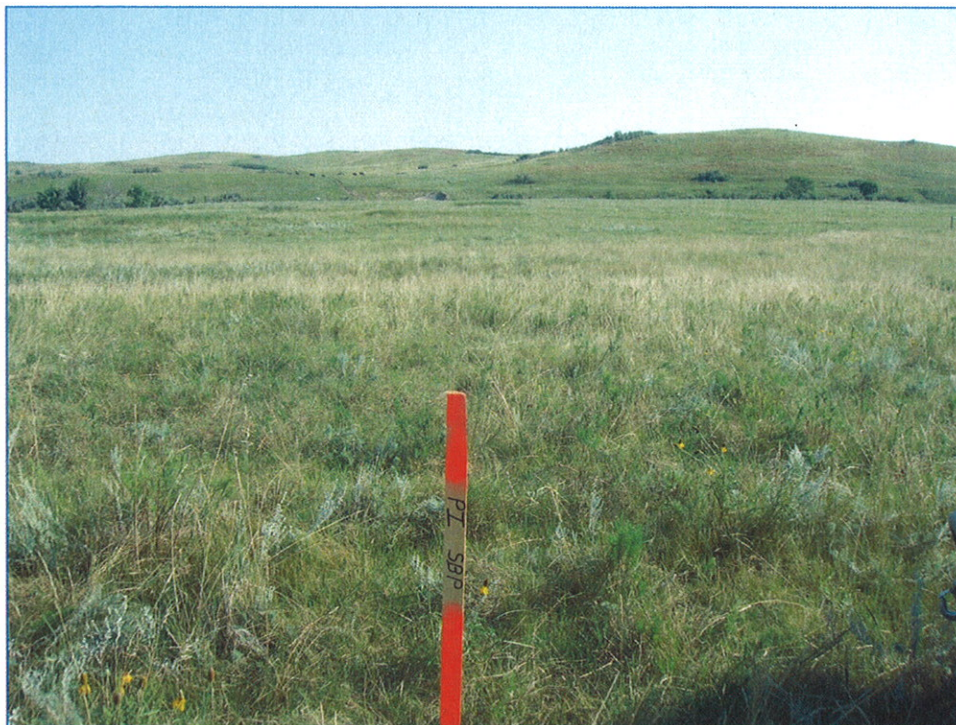


Figure 3, Vegetation Along Route

C. Public Health and Safety

Third-party intrusions are one of the biggest contributing factors to spills. To aid in the prevention of such intrusions, Saddle Butte 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, Saddle Butte developed construction specifications to delineate the requirements for pipeline marking in accordance with applicable laws, rules, and regulations, including the locations of such markings (e.g., road crossings, waterbody crossings, line of sight, etc.) and the manner of marking such pipelines (e.g., height of markings and signage on the markings).

Saddle Butte 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

During the field surveys, one wetland/stream crossing was identified. Avoidance of impacts to the wetland/stream crossing would be accomplished by directional drilling (boring) under this location. Additional temporary ROW may be required at this location to allow for boring equipment. 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.

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.

Saddle Butte has also developed a GIS database that establishes real time, web-based maps for use by its operations team and first responder personnel. In addition, Saddle Butte 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.

E. Wetlands

During the field surveys, one wetland/stream crossing was identified. Avoidance of impacts to the wetland/stream crossing would be accomplished by directional drilling (boring) under this location. Additional temporary ROW may be required at this location to allow for boring equipment. No mitigation is required. *Please refer to the Figure 4, Wetlands Map.*

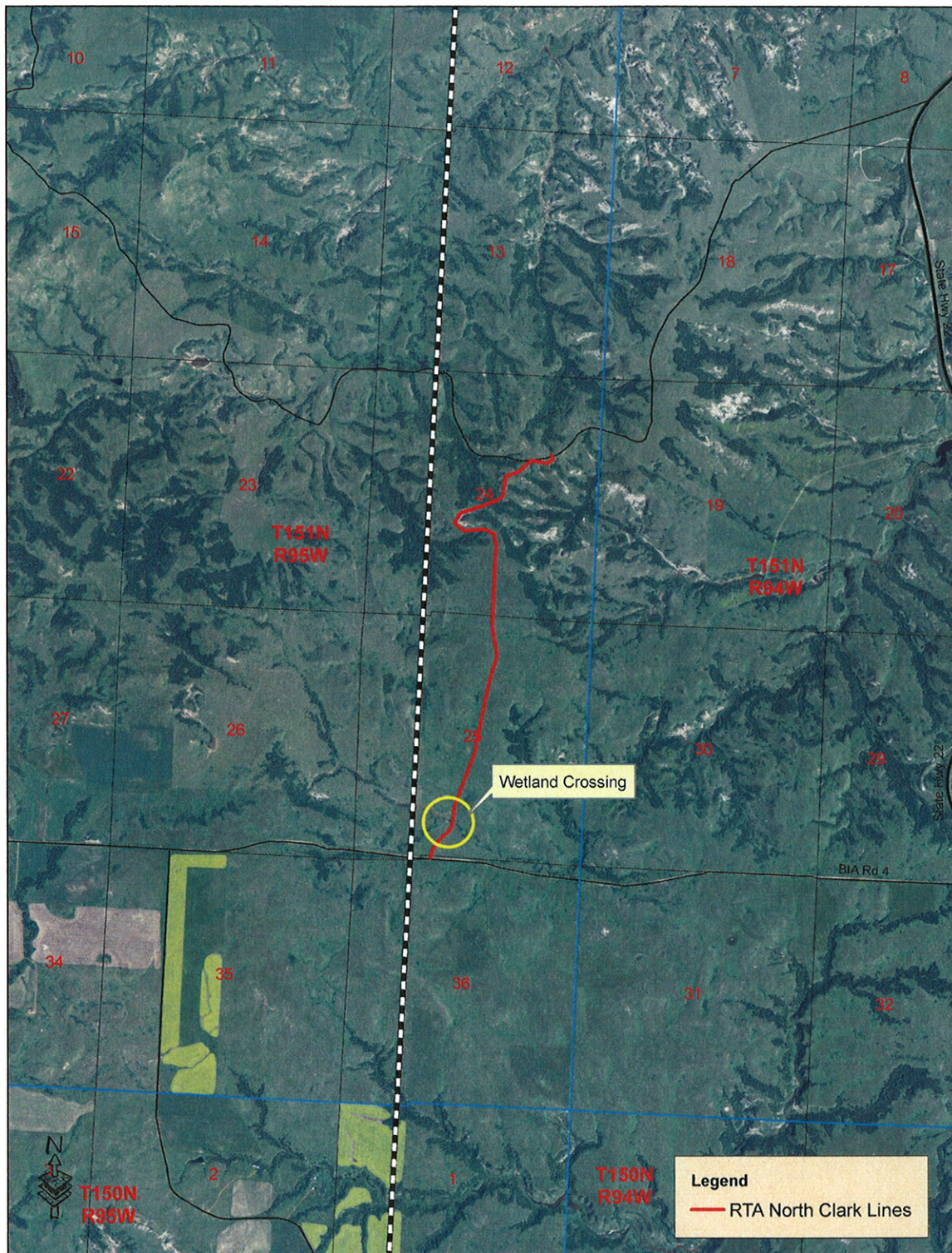


Figure 4, Wetland Map

F. Cultural Resources

Historic properties, or cultural resources, on federal or tribal lands are protected by many laws, regulations and agreements. The National Historic Preservation Act of 1966 (16 USC 470 et seq.) at Section 106 requires, for any federal, federally assisted or federally licensed undertaking, that the federal agency take into account the effect of that undertaking on any district, site, building, structure or object that is included in the National Register of Historic Places (National Register) before the expenditure of any federal funds or the issuance of any federal license. Cultural resources is a broad term encompassing sites, objects, or practices of archaeological, historical, cultural and religious significance. Eligibility criteria (36 CFR 60.6) include association with important events or people in our history, distinctive construction or artistic characteristics, and either a record of yielding or a potential to yield information important in prehistory or history. In practice, properties are generally not eligible for listing on the National Register if they lack diagnostic artifacts, subsurface remains or structural features, but those considered eligible are treated as though they were listed on the National Register, even when no formal nomination has been filed. This process of taking into account an undertaking's effect on historic properties is known as "Section 106 review," or more commonly as a cultural resource inventory.

The area of potential effect (APE) of any federal undertaking must also be evaluated for significance to Native Americans from a cultural and religious standpoint. Sites and practices may be eligible for protection under the American Indian Religious Freedom Act of 1978 (42 USC 1996). Sacred sites may be identified by a tribe or an authoritative individual (Executive Order 13007). Special protections are afforded to human remains, funerary objects, and objects of cultural patrimony under the Native American Graves Protection and Repatriation Act (NAGPRA, 25 USC 3001 et seq.).

Whatever the nature of the cultural resource addressed by a particular statute or tradition, implementing procedures invariably include consultation requirements at various stages of a federal undertaking. The MHA Nation has designated a Tribal Historic Preservation Officer (THPO) by Tribal Council resolution, whose office and functions are certified by the National Park Service. The THPO operates with the same authority exercised in most of the rest of North Dakota by the State Historic Preservation Officer (SHPO). Thus, BIA consults and corresponds with the THPO regarding cultural resources on all projects proposed within the exterior boundaries of the Fort Berthold Reservation.

A cultural resource inventory of this pipeline route was conducted by personnel of Kadrmass, Lee & Jackson, Inc., using an intensive pedestrian methodology. Approximately 104.5 acres were inventoried between August 16 and September 23, 2011 (Ó Donnchadha and Macy 2011). Two archaeological sites were located and two previously recorded archaeological sites were revisited that may possess the quality of integrity and meet at least one of the criteria (36 CFR 60.6) for inclusion on the National Register. Two additional sites were revisited that are considered not eligible for 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 November 23, 2011; however, the THPO did not respond within the allotted 30 day comment period.

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.

8 NEPA ADEQUACY CRITERIA

This document has identified two previously prepared NEPA document, *Saddle Butte Pipeline, LLC August 2010 Environmental Assessment for Approval of Saddle Butte Trunk Lines, to EOG's West Clark Section 24 well pad, January 2011 EA/FONSI* and 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

NOV 23 2011

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 two pipelines in McKenzie County, North Dakota. Approximately 582.1 acres were intensively inventoried using a pedestrian methodology. Potential surface disturbances are not expected to exceed the areas depicted in the enclosed reports. One previously recorded archaeological site (32MZ753) and twelve newly recorded sites (32MZ2262, 32MZ2263, 32MZ2235, 32MZ2237, 32MZ2238, 32MZ2240, 32MZ2241, 32MZ2244, 32MZ2245, 32MZ2246, 32MZ2247, 32MZ2257) may possess the quality of integrity and meet at least one of the criteria (36 CFR 60.4) for inclusion on the National Register of Historic Places. Three additional sites (32MZ2236, 32MZ2239, 32MZ2242) have been evaluated as not eligible for the National Register. Three areas "of tribal concern" were located which may qualify for protection under the American Indian Religious Freedom Act (42 USC 1996).

As the surface management agency, and as provided for in 36 CFR 800.5, we have therefore reached a determination of **no historic properties affected** for this undertaking, as the potentially eligible archaeological sites and areas of tribal concern will be fenced out and avoided. Catalogued as **BIA Case Number AAO-2028/FB/12**, the proposed undertakings, locations, and project dimensions are described in the following reports:

Asbury, Sophia, and Jennifer N. Macy
(2011) RTA Main Natural Gas Gathering Line: A Class III Cultural Resource Inventory, McKenzie County, North Dakota. KLJ Cultural Resources for Saddle Butte Pipeline, LLC, Durango, CO.

Ó Donnchadha, Brian, and Jennifer N. Macy
(2011) RTA North Clarks 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

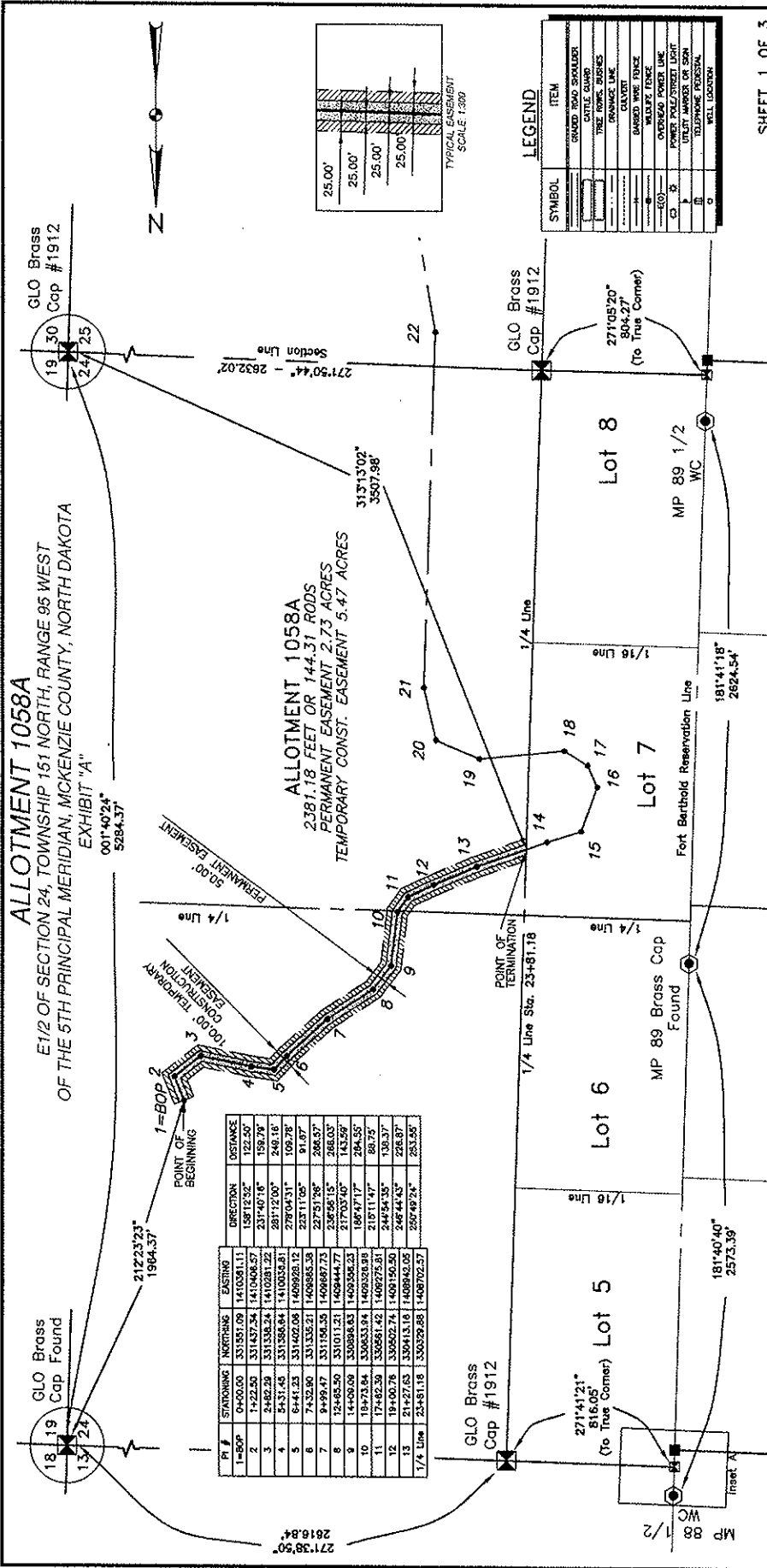
Regional Director

Enclosures

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

APPENDIX A

PIPELINE LAYOUT AND RIGHT-OF-WAY PLATS



SHEET 1 OF 3

DWG NO. NDR_assessment
 JOB NO. 3710461

SADDLE BUTTE RTA NORTH ON RESERVATION
 MCKENZIE COUNTY, NORTH DAKOTA

EASEMENTS ON AND ACROSS THE
 E1/2 OF SEC. 24, T.151N., R.95W.

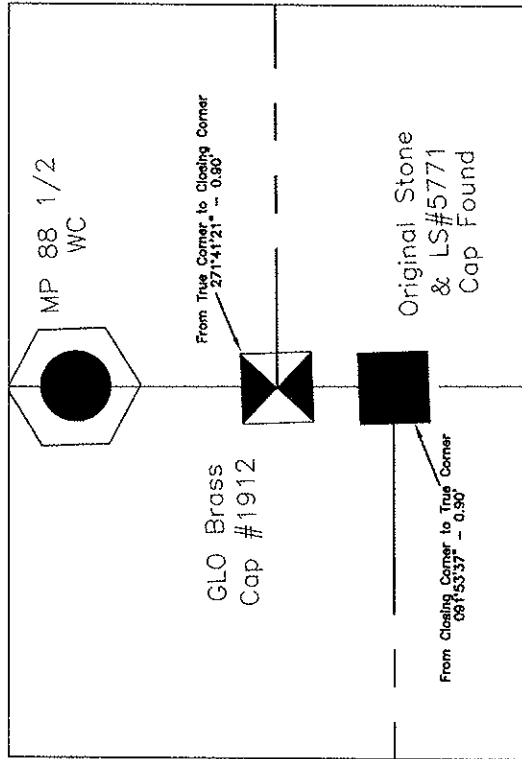
Kadmas Lee & Jackson
 Registered Professional Surveyors
 888 Main Ave, Suite 301
 Bismarck, ND 58101

DATE: 11/15/2011
 DRAWN BY: J. Tove

SCALE: 1"=500'
 PAPER NUMBER: 24-151-95 A

LAYOUT: 24-151-95 A (1)

ALLOTMENT-1058A
 E1/2 OF SECTION 24, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

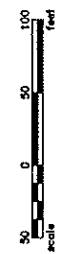


INSET "A"

LEGEND

SYMBOL	ITEM
—	GRADE ROAD SHOULDER
—	CATTLE GUARD
—	TREE ROWS, BUSHES
—	DRAINAGE LINE
—	CONVERT
—	BOUNDARY
—	OVERHEAD POWER LINE
—	WELL
—	POWER POLE/STREET LIGHT
—	UTILITY MARKER OR SIGN
—	TELEPHONE FIBER/OPTICAL
—	WELL LOCATION

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
 = 1.000162839 to go from grid distance to
 ground distance.



FIELD BOOK: Pg. OP-245 Pg. 19-31

Kadmas
 Lee &
 Jackson
 Surveyors
 888 Main Ave, Suite 301
 Durango, CO 81301
 (970) 251-1234
 FAX: (970) 251-1235

S&S
 SURVEYING & SITE ENGINEERING, LLC
 888 Main Ave, Suite 301
 Durango, CO 81301
 DATE: 11/15/2011
 BY: [Signature]

SADDLE BUTTE RTA NORTH ON RESERVATION
 MCKENZIE COUNTY, NORTH DAKOTA
 EASEMENTS ON AND ACROSS THE
 E1/2 OF SEC. 24, T.151N., R.95W.

SHEET 2 OF 3

DWG NO.	NOR_assessment
JOB NO.	3710461
SCALE:	1:100
PURSE NUMBER	24-151-95 A

LAYOUT: 24-151-95 A (2)

ALLOTMENT 1058A
 E1/2 OF SECTION 24, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 RTA NORTH ON RESERVATION

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 East Half (E1/2) of Section 24, Township 151 North, Range 95 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 24; thence on an azimuth of 212°23'23" a distance of 1964.37 feet to the POINT OF BEGINNING (PI #1=BOP); thence on an azimuth of 158°12'52" a distance of 122.50 feet to a point (PI #2); thence on an azimuth of 231°40'16" a distance of 159.79 feet to a point (PI #3); thence on an azimuth of 281°12'00" a distance of 249.16 feet to a point (PI #4); thence on an azimuth of 278°04'31" a distance of 109.78 feet to a point (PI #5); thence on an azimuth of 223°11'05" a distance of 91.67 feet to a point (PI #6); thence on an azimuth of 227°51'26" a distance of 266.57 feet to a point (PI #7); thence on an azimuth of 236°56'15" a distance of 266.03 feet to a point (PI #8); thence on an azimuth of 217°03'40" a distance of 143.59 feet to a point (PI #9); thence on an azimuth of 186°47'17" a distance of 264.55 feet to a point (PI #10); thence on an azimuth of 215°11'47" a distance of 88.75 feet to a point (PI #11); thence on an azimuth of 244°54'35" a distance of 138.37 feet to a point (PI #12); thence on an azimuth of 246°44'43" a distance of 226.87 feet to a point (PI #13); thence on an azimuth of 250°49'24" a distance of 253.55 feet to the POINT OF TERMINATION on the west line of the East Half of said Section 24. Said point is located on an azimuth of 313°13'02" a distance of 3507.98 feet from the southeast corner of the Southeast Quarter of said Section 24.

Covering in all 2381.18 feet or 144.31 rods.
 Said permanent easement contains 2.73 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 East Half (E1/2) of Section 24, 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:

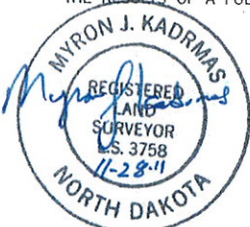
Commencing at the northeast corner of the Northeast Quarter of said Section 24; thence on an azimuth of 212°23'23" a distance of 1964.37 feet to the POINT OF BEGINNING (PI #1=BOP); thence on an azimuth of 158°12'52" a distance of 122.50 feet to a point (PI #2); thence on an azimuth of 231°40'16" a distance of 159.79 feet to a point (PI #3); thence on an azimuth of 281°12'00" a distance of 249.16 feet to a point (PI #4); thence on an azimuth of 278°04'31" a distance of 109.78 feet to a point (PI #5); thence on an azimuth of 223°11'05" a distance of 91.67 feet to a point (PI #6); thence on an azimuth of 227°51'26" a distance of 266.57 feet to a point (PI #7); thence on an azimuth of 236°56'15" a distance of 266.03 feet to a point (PI #8); thence on an azimuth of 217°03'40" a distance of 143.59 feet to a point (PI #9); thence on an azimuth of 186°47'17" a distance of 264.55 feet to a point (PI #10); thence on an azimuth of 215°11'47" a distance of 88.75 feet to a point (PI #11); thence on an azimuth of 244°54'35" a distance of 138.37 feet to a point (PI #12); thence on an azimuth of 246°44'43" a distance of 226.87 feet to a point (PI #13); thence on an azimuth of 250°49'24" a distance of 253.55 feet to the POINT OF TERMINATION on the west line of the East Half of said Section 24. Said point is located on an azimuth of 313°13'02" a distance of 3507.98 feet from the southeast corner of the Southeast Quarter of said Section 24.

Covering in all 2381.18 feet or 144.31 rods.
 Said temporary construction easement contains 5.47 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 = 1.000162939 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 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 August 11, 2011.



11-28-11
 Date

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

FIELD BOOK: OP-245, Pgs. 19-31

SHEET 3 OF 3

 Kadrmias Lee & Jackson Engineers Surveyors Planners © Kadrmias, Lee & Jackson 2011 DRAWN BY: J. Tene	 SADDLE BUTTE PIPELINE LLC 858 Main Ave, Suite 301 Durango, CO 81301	SADDLE BUTTE RTA NORTH ON RESERVATION MCKENZIE COUNTY, NORTH DAKOTA EASEMENTS ON AND ACROSS THE E1/2 OF SEC. 24, T.151N., R.95W.	DWG NO. RTA-NOR_easement
			JOB NO. 3710461
ORIGINAL DATE: 11/19/2011 REV. DATE: -	SCALE: NONE	PARCEL NUMBER 24-151-95 A	

ALLOTMENT 1962
 LOT 7 OF SECTION 24, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 RTA NORTH ON RESERVATION

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 Lot 7 of Section 24, Township 151 North, Range 95 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 24; thence on an azimuth of 223°16'10" a distance of 3955.08 feet to the POINT OF BEGINNING on the west line of the East Half of said Section 24; thence on an azimuth of 250°49'24" a distance of 106.28 feet to a point (PI #14); thence on an azimuth of 252°33'50" a distance of 175.08 feet to a point (PI #15); thence on an azimuth of 200°06'57" a distance of 226.94 feet to a point (PI #16); thence on an azimuth of 155°31'46" a distance of 117.23 feet to a point (PI #17); thence on an azimuth of 121°18'18" a distance of 131.15 feet to a point (PI #18); thence on an azimuth of 084°29'47" a distance of 170.96 feet to the POINT OF TERMINATION on the west line of the East Half of said Section 24. Said point is located on an azimuth of 307°04'52" a distance of 3222.90 feet from the southeast corner of the Southeast Quarter of said Section 24.

Covering in all 927.64 feet or 56.22 rods.
 Said permanent easement contains 1.06 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 Lot 7 of Section 24, 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:

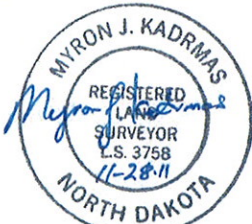
Commencing at the northeast corner of the Northeast Quarter of said Section 24; thence on an azimuth of 223°16'10" a distance of 3955.08 feet to the POINT OF BEGINNING on the west line of the East Half of said Section 24; thence on an azimuth of 250°49'24" a distance of 106.28 feet to a point (PI #14); thence on an azimuth of 252°33'50" a distance of 175.08 feet to a point (PI #15); thence on an azimuth of 200°06'57" a distance of 226.94 feet to a point (PI #16); thence on an azimuth of 155°31'46" a distance of 117.23 feet to a point (PI #17); thence on an azimuth of 121°18'18" a distance of 131.15 feet to a point (PI #18); thence on an azimuth of 084°29'47" a distance of 170.96 feet to the POINT OF TERMINATION on the west line of the East Half of said Section 24. Said point is located on an azimuth of 307°04'52" a distance of 3222.90 feet from the southeast corner of the Southeast Quarter of said Section 24.

Covering in all 927.64 feet or 56.22 rods.
 Said temporary construction easement contains 2.13 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 = 1.000162939 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 August 11, 2011.



11-28-11
 Date

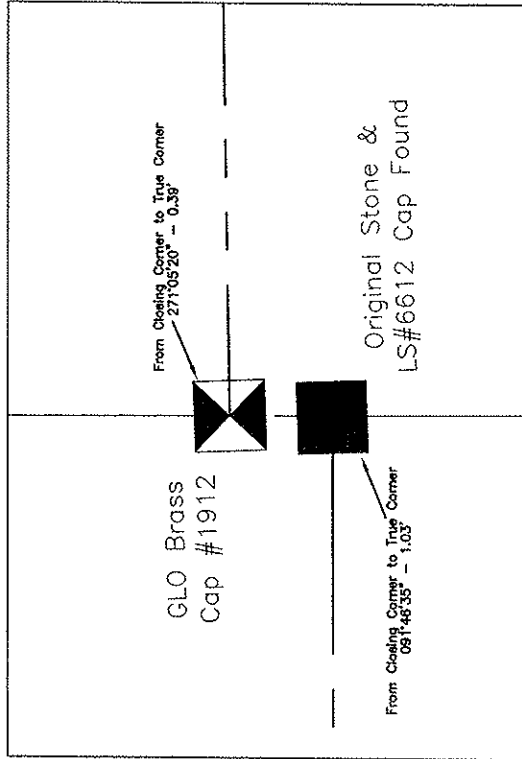
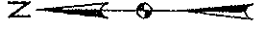
Myron J. Kadmas
 Myron J. Kadmas, Registered Land Surveyor
 N.D. RLS No. 3758

FIELD BOOK: OP-245, Pgs. 19-31

SHEET 2 OF 2

 Kadmas Lee & Jackson Registered Professional Surveyors Planners © Kadmas, Lee & Jackson 2011 DRAWN BY: J. Tena	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	SADDLE BUTTE RTA NORTH ON RESERVATION MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. RTA-NOR_easement
		EASEMENTS ON AND ACROSS THE Lot 7 OF SEC. 24, T.151N., R.95W.	JOB NO. 3710461
ORIGINAL DATE: 11/15/2011 REV. DATE: -			SCALE: NONE PARCEL NUMBER 24-151-95 B

ALLOTMENT-1058A
 E1/2 OF SECTION 24, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"



LEGEND

SYMBOL	ITEM
—	GRADED ROAD SHOULDER
—	CATTLE GUARD
—	TREE ROWS, BUSHES
—	DAMAGE LINE
—	CULVERT
—	BARBED WIRE FENCE
—	WEDGFE FENCE
—	ORIGINAL FENCE LINE
—	PROPERTY LINE
—	UTILITY MARKER FOR SHUT
—	TELEPHONE CROSSING
—	WELL LOCATION

INSET "B"

NOTE:
 Survey is based on North Dakota State Plane
 System, NAD83, (65) North Zone, in Feet.
 The ground distance shown on this plan
 shows are grid distance. Combined scale factor
 = 1.000162939 to go from grid distance to
 ground distance.



FIELD BOOK: Pg. OP-245 Pg. 19-31

 Kadmas Lee & Jackson Surveyors 838 Main Ave, Suite 301 Durango, CO 81301 © Kadmas, Lee & Jackson, 2011 DRAWN BY: J. Toke DATE: 11/19/2011 REV. DATE: -	SADDLE BUTTE RTA NORTH ON RESERVATION MCKENZIE COUNTY, NORTH DAKOTA EASEMENTS ON AND ACROSS THE E1/2 OF SEC. 24, T.151N., R.95W.	DWG NO. NOR_essment JOB NO. 3710461 SCALE: 1:100 PAPER NUMBER 24-151-95 C
---	---	---

SHEET 2 OF 3

LAYOUT: 24-151-95 C (2)

ALLOTMENT 1058A
 E1/2 OF SECTION 24, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 RTA NORTH ON RESERVATION

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 East Half (E1/2) of Section 24, Township 151 North, Range 95 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 Southwest Quarter of said Section 24; thence on an azimuth of 051°07'17" a distance of 2977.22 feet to the POINT OF BEGINNING on the west line of the East Half of said Section 24; thence on an azimuth of 084°29'47" a distance of 242.22 feet to a point (PI #19); thence on an azimuth of 112°50'52" a distance of 227.37 feet to a point (PI #20); thence on an azimuth of 166°44'36" a distance of 260.57 feet to a point (PI #21); thence on an azimuth of 181°51'07" a distance of 1557.33 feet to the POINT OF TERMINATION on the south line of said Section 24. Said point is located on an azimuth of 271°50'44" a distance of 2112.22 feet from the southeast corner of the Southeast Quarter of said Section 24.

Covering in all 2287.49 feet or 138.64 rods.
 Said permanent easement contains 2.63 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 East Half (E1/2) of Section 24, 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:

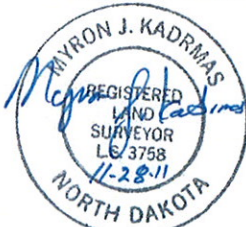
Commencing at the southwest corner of the Southwest Quarter of said Section 24; thence on an azimuth of 051°07'17" a distance of 2977.22 feet to the POINT OF BEGINNING on the west line of the East Half of said Section 24; thence on an azimuth of 084°29'47" a distance of 242.22 feet to a point (PI #19); thence on an azimuth of 112°50'52" a distance of 227.37 feet to a point (PI #20); thence on an azimuth of 166°44'36" a distance of 260.57 feet to a point (PI #21); thence on an azimuth of 181°51'07" a distance of 1557.33 feet to the POINT OF TERMINATION on the south line of said Section 24. Said point is located on an azimuth of 271°50'44" a distance of 2112.22 feet from the southeast corner of the Southeast Quarter of said Section 24.

Covering in all 2287.49 feet or 138.64 rods.
 Said temporary construction easement contains 5.25 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 = 1.000162939 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 August 11, 2011.



11-28-11
 Date

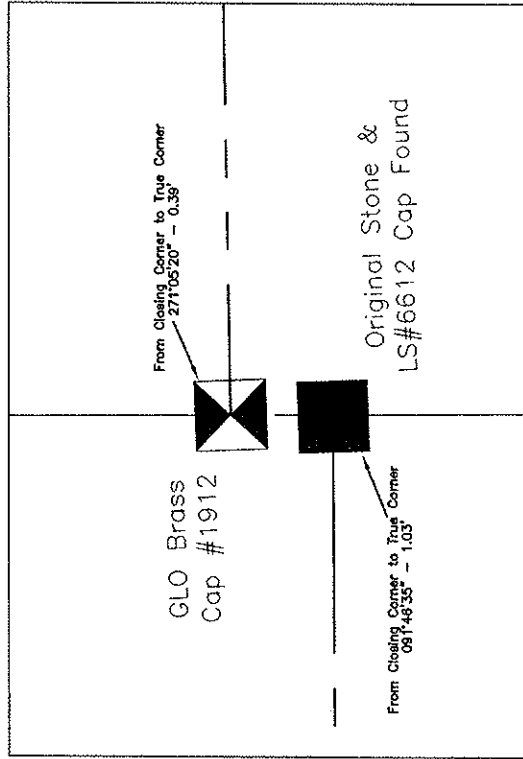
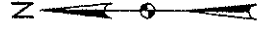
Myron J. Kadmas
 Myron J. Kadmas, Registered Land Surveyor
 N.D. RLS No. 3758

FIELD BOOK: OP-245, Pgs. 19-31

SHEET 3 OF 3

 Kadmas Lee & Jackson Registered Surveyors Tailors © Kadmas, Lee & Jackson 2011 DRAWN BY: J. Tous	 SADDLE BUTTE PIPELINE, LLP 858 Main Ave, Suite 301 Durango, CO 81301	SADDLE BUTTE RTA NORTH ON RESERVATION MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. RTA-NOR_easement
		EASEMENTS ON AND ACROSS THE E1/2 OF SEC. 24, T.151N., R.95W.	JOB NO. 3710461
ORIGINAL DATE: 11/15/2011 REV. DATE: -			SCALE: NONE PARCEL NUMBER 24-151-95 C

ALLOTMENT-10566A
 E1/2 OF SECTION 25, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"



INSET "B"

LEGEND

SYMBOL	ITEM
	GRAND ROAD SHOULDER
	CATTLE GUARD
	TREE ROWS; BUSHES
	DISTANCE LINE
	SURVEY LINE
	WILDCAT FENCE
	OVERHEAD POWER LINE
	POWER POLE/STREET LIGHT
	UTILITY MARKER ON SOIL
	TELEPHONE PEDESTAL
	WELL LOCATION

NOTE: Survey is based on North Dakota State Plane System, NAD83 (96). North Zone. All distances shown are grid distances. Combined scale factor shown are grid distance. Combined scale factor = 1.000162939 to go from grid distance to ground distance.



FIELD BOOK: Pg. OP-245 Pg. 19-31

 Kadmas Lee & Jackson Professional Surveyors 858 Main Ave, Suite 301 Durango, CO 81301 © Kadmas Lee & Jackson 2011 DRAWN BY: J. Tove DATE: 11/19/2011 DATE: -	SHEET 2 OF 3 DWG. NO. NOR_assessment JOB NO. 3710461 SCALE: 1:100 PROJECT NUMBER: 25-151-95 A
	SADDLE BUTTE RTA NORTH ON RESERVATION MCKENZIE COUNTY, NORTH DAKOTA EASEMENTS ON AND ACROSS THE E1/2 OF SEC. 25, T.151N., R.95W.

ALLOTMENT 1056A
 E1/2 OF SECTION 25, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 RTA NORTH ON RESERVATION

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 East Half (E1/2) of Section 25, Township 151 North, Range 95 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 25; thence along the north line of said Section 25 on an azimuth of 271°50'44" a distance of 2112.23 feet to the POINT OF BEGINNING; thence on an azimuth of 181°51'07" a distance of 165.90 feet to a point (PI #22); thence on an azimuth of 170°12'55" a distance of 684.60 feet to a point (PI #23); thence on an azimuth of 196°13'46" a distance of 556.08 feet to a point (PI #24); thence on an azimuth of 190°44'13" a distance of 1622.67 feet to a point (PI #25); thence on an azimuth of 199°15'19" a distance of 861.57 feet to the POINT OF TERMINATION on the west line of the East Half of said Section 25. Said point is located on an azimuth of 300°50'50" a distance of 3025.12 feet from the southeast corner of the Southeast Quarter of said Section 25.

Covering in all 3890.83 feet or 235.81 rods.
 Said permanent easement contains 4.47 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 East Half (E1/2) of Section 25, 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:

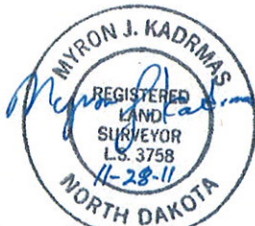
Commencing at the northeast corner of the Northeast Quarter of said Section 25; thence along the north line of said Section 25 on an azimuth of 271°50'44" a distance of 2112.23 feet to the POINT OF BEGINNING; thence on an azimuth of 181°51'07" a distance of 165.90 feet to a point (PI #22); thence on an azimuth of 170°12'55" a distance of 684.60 feet to a point (PI #23); thence on an azimuth of 196°13'46" a distance of 556.08 feet to a point (PI #24); thence on an azimuth of 190°44'13" a distance of 1622.67 feet to a point (PI #25); thence on an azimuth of 199°15'19" a distance of 861.57 feet to the POINT OF TERMINATION on the west line of the East Half of said Section 25. Said point is located on an azimuth of 300°50'50" a distance of 3025.12 feet from the southeast corner of the Southeast Quarter of said Section 25.

Covering in all 3890.83 feet or 235.81 rods.
 Said temporary construction easement contains 8.93 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 = 1.000162939 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 August 11, 2011.



11-28-11
 Date

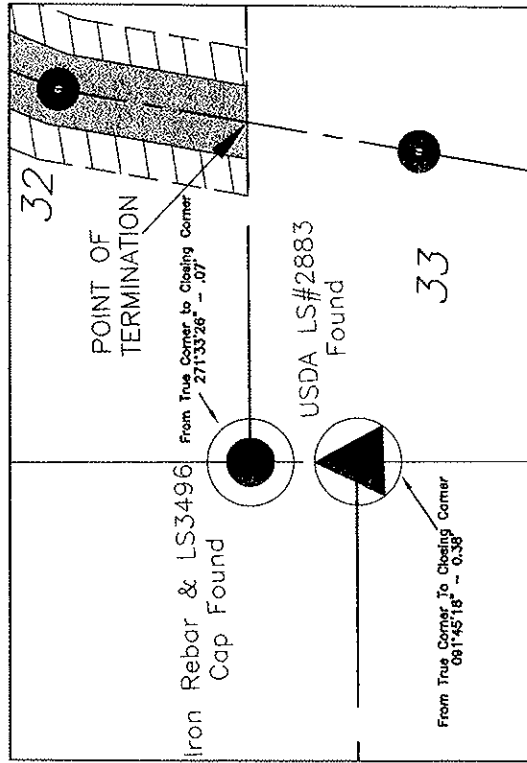
Myron J. Kadrmas
 Myron J. Kadrmas, Registered Land Surveyor
 N.D. RLS No. 3758

FIELD BOOK: OP-245, Pgs. 19-21

SHEET 3 OF 3

 Kadrmas Lee & Jackson Engineers Surveyors Planners © Kadrmas, Lee & Jackson 2011 DRAWN BY: J. Toss	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	SADDLE BUTTE RTA NORTH ON RESERVATION MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. RTA-NOR_easement JOB NO. 3710461
		EASEMENTS ON AND ACROSS THE E1/2 OF SEC. 25, T.151N., R.95W.	SCALE: NONE PARCEL NUMBER 25-151-95 A

ALLOTMENT 1962
 LOTS 7 & 8 OF SECTION 25, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"



INSET "C"

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.



FIELD BOOK: Pg. OP-245 Pg. 19-31

Kadmas Lee & Jackson
 Registered Surveyors
 868 Main Ave. Suite 301
 Durango, CO 81301
 © Kadmas, Lee & Jackson, 2011
 DRAWN BY: J. Foss
 DATE: 11/19/2011
 DATE: -

S&S
 868 Main Ave. Suite 301
 Durango, CO 81301

**SADDLE BUTTE RTA NORTH ON RESERVATION
 MCKENZIE COUNTY, NORTH DAKOTA**

**EASEMENTS ON AND ACROSS THE
 Lots 7 & 8 OF SEC. 25, T.151N., R.95W.**

SHEET 2 OF 3

DWG. NO.	HOR. easement
JOB NO.	3710461
SCALE:	1:100
PLOT NUMBER	25-151-95 B

ALLOTMENT 1962
 LOT'S 7 & 8 OF SECTION 25, TOWNSHIP 151 NORTH, RANGE 95 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 RTA NORTH ON RESERVATION

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 Lot's 7 & 8 of Section 25, Township 151 North, Range 95 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 25; thence on an azimuth of 300°50'50" a distance of 3025.12 feet to the POINT OF BEGINNING on the west line of the East Half of said Section 25; thence on an azimuth of 199°15'19" a distance of 351.73 feet to a point (PI #26); thence on an azimuth of 187°02'55" a distance of 412.98 feet to a point (PI #27); thence on an azimuth of 206°34'14" a distance of 131.38 feet to a point (PI #28); thence on an azimuth of 219°58'21" a distance of 123.85 feet to a point (PI #29); thence on an azimuth of 227°36'56" a distance of 202.52 feet to a point (PI #30); thence on an azimuth of 215°01'39" a distance of 140.75 feet to a point (PI #31); thence on an azimuth of 203°20'42" a distance of 139.43 feet to a point (PI #32); thence on an azimuth of 191°31'40" a distance of 132.30 feet to the POINT OF TERMINATION on the south line of said Section 25. Said point is located on an azimuth of 089°15'03" a distance of 1697.52 feet from the southwest corner of the Southwest Quarter of said Section 25.

Covering in all 1634.94 feet or 99.09 rods.
 Said permanent easement contains 1.88 acres, more or less.

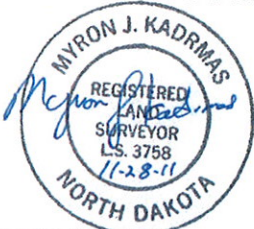
Together with a one hundred (100) foot wide temporary construction easement for utilities and pipelines of an oil and gas collection system over, under and across Lot's 7 & 8 of Section 25, Township 151 North, Range 95 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, lying fifty (50) feet on each side of the following described line:

Commencing at the southeast corner of the Southeast Quarter of said Section 25; thence on an azimuth of 300°50'50" a distance of 3025.12 feet to the POINT OF BEGINNING on the west line of the East Half of said Section 25; thence on an azimuth of 199°15'19" a distance of 351.73 feet to a point (PI #26); thence on an azimuth of 187°02'55" a distance of 412.98 feet to a point (PI #27); thence on an azimuth of 206°34'14" a distance of 131.38 feet to a point (PI #28); thence on an azimuth of 219°58'21" a distance of 123.85 feet to a point (PI #29); thence on an azimuth of 227°36'56" a distance of 202.52 feet to a point (PI #30); thence on an azimuth of 215°01'39" a distance of 140.75 feet to a point (PI #31); thence on an azimuth of 203°20'42" a distance of 139.43 feet to a point (PI #32); thence on an azimuth of 191°31'40" a distance of 132.30 feet to the POINT OF TERMINATION on the south line of said Section 25. Said point is located on an azimuth of 089°15'03" a distance of 1697.52 feet from the southwest corner of the Southwest Quarter of said Section 25.

Covering in all 1634.94 feet or 99.09 rods.
 Said temporary construction easement contains 3.75 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 = 1.000162939 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.



11-28-11
 Date

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

FIELD BOOK: OP-245, Pgs. 19-31

SHEET 3 OF 3

 Kadrmals, Lee & Jackson Engineers Surveyors Planners © Kadrmals, Lee & Jackson 2011 DRAWN BY: J. Taus	 SADDLE BUTTE PIPELINE, L.L.O. 858 Main Ave, Suite 301 Durango, CO 81301	SADDLE BUTTE RTA NORTH ON RESERVATION MCKENZIE COUNTY, NORTH DAKOTA EASEMENTS ON AND ACROSS THE Lot's 7 & 8 OF SEC. 25, T.151N., R.95W.	DWG NO. RTA-NOR_easement
			JOB NO. 3710461
ORIGINAL DATE: 11/15/2011 REV. DATE: -			SCALE: NONE
			PARCEL NUMBER 25-151-94 B