



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

APR 13 2012

MEMORANDUM

TO: Superintendent, Fort Berthold Agency

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

SUBJECT: Environmental Assessment Addendum and Finding of No Significant Impact

In compliance with the regulations of the National Environmental Policy Act (NEPA) of 1969, as amended, an Addendum has been completed and a Finding of No Significant Impact (FONSI) has been issued. The addendum authorizes land use for the Bear Den pipeline and compressor station on the Fort Berthold Reservation.

All the necessary requirements of the National Environmental Policy Act have been completed. Attached for your files is a copy of the 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 (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, KLJ (with attachment)
Jeff Hunt, Fort Berthold Agency

Finding of No Significant Impact

Saddle Butte Pipeline, LLC (SBP)

Bear Den Pipeline and Compressor Station

Addendum to:

***Saddle Butte Pipeline, LLC February 2010 Environmental Assessment and Finding of No Significant Impact
Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection***

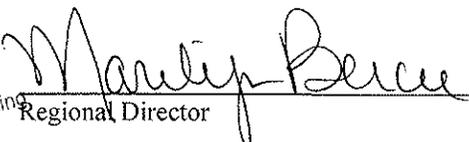
***Fort Berthold Indian Reservation
McKenzie County, North Dakota***

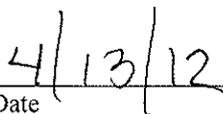
The U.S. Bureau of Indian Affairs (BIA) has received a proposal for an addendum to the above referenced Environmental Assessment (EA). The proposal is to acquire a 100-foot right-of-way (ROW) corridor (50 feet of temporary ROW and 50 feet of permanent ROW) for construction of approximately 1.3 miles of natural gas, oil and/or water pipelines (four lines), as well as to construct a natural gas compressor station in McKenzie County, North Dakota, on the Fort Berthold Reservation. The new lines would connect to the SBP Red Tipped Arrow Pipeline (February 2010 EA/ Finding of No Significant Impact (FONSI)). The pipelines would tie into previously approved EOG well pads. Associated federal actions by BIA include determinations of impacts and effects regarding environmental resources for developments on tribal lands.

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

This determination is based on the following factors:

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


Acting Regional Director


Date

ENVIRONMENTAL ASSESSMENT

Addendum

United States Bureau of Indian Affairs

Great Plains Regional Office
Aberdeen, South Dakota



Saddle Butte Pipeline, LLC

Bear Den Pipeline and Compressor Station

Addendum to:

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

Fort Berthold Indian Reservation

April 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

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1 PURPOSE AND NEED FOR THE PROPOSED ACTION

Saddle Butte Pipeline, LLC (SBP) proposes to construct approximately 1.3 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 to the SBP Red Tipped Arrow Pipelines (February 2010 Environmental Assessment (EA)/ Finding of No Significant Impact (FONSI)) and tie into existing EOG well pads. The compressor station would connect to the pipelines proposed in this Addendum and be used to more efficiently move product associated with this gathering system.

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. Additionally, the purpose is to allow SBP to construct a compressor station to move natural gas through their pipeline system to market.

The proposed pipelines and compressor station would be located on tribal lands and would connect to a pipeline alignment that has separately achieved a 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 Sections 17, 20 and 21, T150N, R94W. The proposed compressor station would be located in Section 20, T150N, R94W.

Installation of the proposed pipelines and compressor station 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.

Please refer to **Figure 1, Project Location Map**.

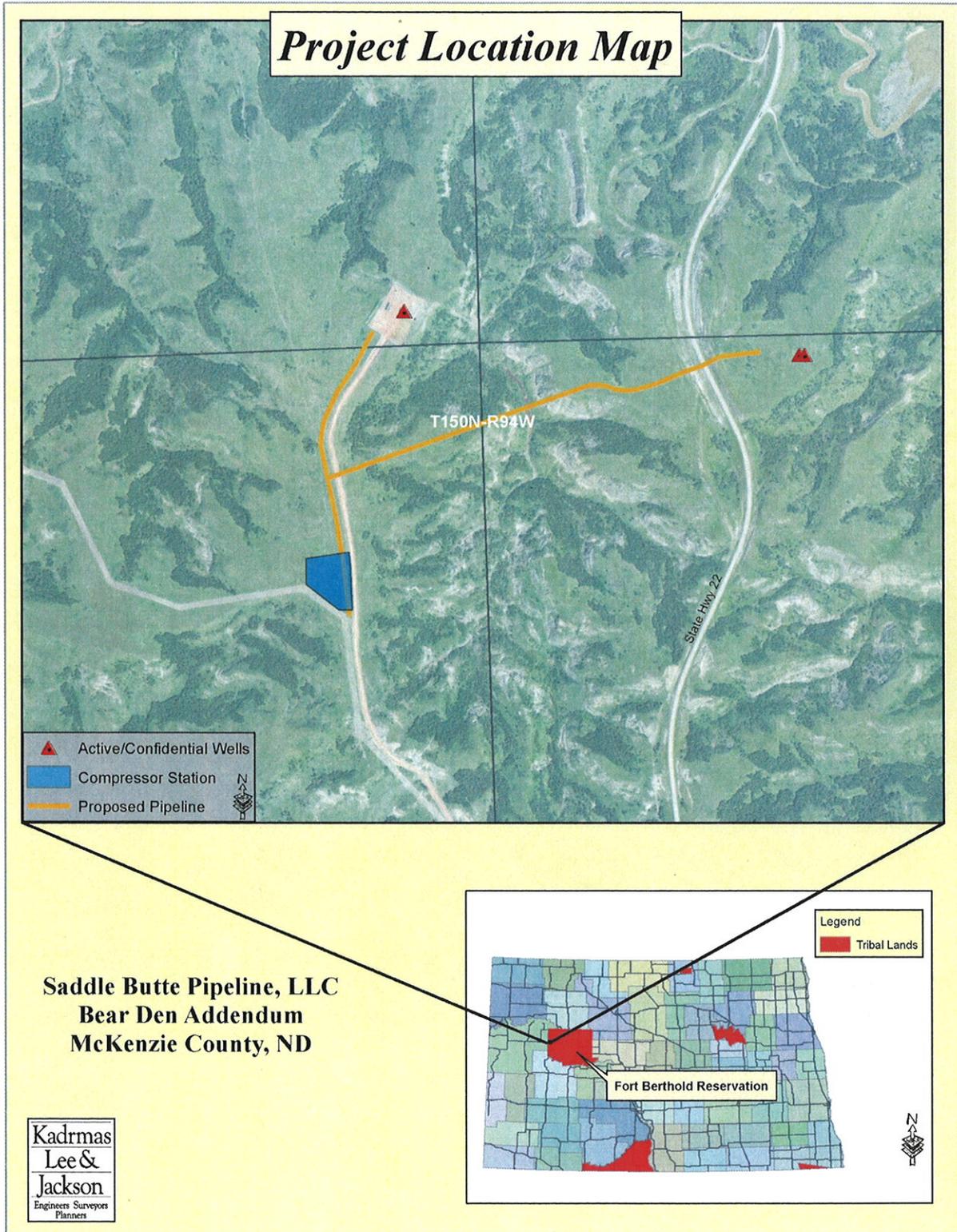


Figure 1, Project Location Map

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, in the following location:

- T150N, R94W, Sections 17, 20 and 21

The proposed compressor station would be located in McKenzie County, North Dakota, in the following location:

- T150N, R94W, Section 20

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, as well as authorization to construct and install a compressor station on the proposed natural gas pipeline. The proposed oil and gas pipelines would likely consist of steel lines up to eight inches in diameter, while the water line would likely consist of a poly line up to six inches in diameter. The proposed compressor station would likely consist of a generator, compressor, liquid separator tanks and associated components.

Four and a half miles of natural gas and oil pipelines were approved in a FONSI for the SBP Red Tipped Arrow Pipelines on February 25, 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 SBP Red Tipped Arrow lines. With the addition of the natural gas pipeline, compressor stations are needed to efficiently move the product through the pipelines to market. 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. 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 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, 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 use 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:

- Environmental Assessment: Saddle Butte Pipeline, LLC, Red Tipped Arrow 33-11H Well Site to Bear Paw Energy Connection, February 2010.
 - The EA FONSI was issued February 25, 2010.

6 FIELD RESOURCE SURVEYS

An intensive, pedestrian resource survey of the proposed pipeline corridor and proposed compressor station location was conducted on February 7, 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 100-foot wide pipeline corridor and a 10 acres site centered around the proposed compressor station pad 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 and compressor station was also conducted on February 7, 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 Saddle Butte Pipeline plans to implement, the proposed pipelines and compressor station are positioned in areas which would minimize impacts to sensitive wildlife and botanical resources.

A Class I Literature Review for the proposed site was conducted by KL&J on December 14, 2011. A Class III Cultural Resources Survey was conducted by KL&J on January 5, 2012. A tribal monitor from the Three Affiliated Tribes Tribal Historic Preservation Office was invited to attend the survey. The Area of Potential Effect (APE), or area surveyed, consisted of an approximately 34.2 acre site which included a 200-foot corridor centered on the proposed pipeline as well as the area for the proposed compressor station.

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 February 2010 EA, or to note why the impact assessment has not changed.

A. Air Quality

Natural gas compressor stations do produce air emissions. However, the installation of the compressor station would allow for a more efficient distribution of natural gas through the pipeline system. This would result in less natural gas being flared at individual well sites. Because of the reduction in flaring, no adverse impacts to air quality are expected.

B. Cultural Resources

Class I literature reviews and Class III cultural resource surveys were conducted for the proposed compressor station location and pipeline routes. The literature review revealed 21 previously identified cultural resources within one-mile of the project area. No new or previously recorded cultural materials were encountered during the Class III inventory.

A cultural resource inventory of this pipeline route and compressor station site was conducted by personnel of Kadmas, Lee & Jackson, Inc., using an intensive pedestrian methodology. Approximately 38.7 acres were inventoried on January 5, 2012 (Macy 2012). No historic properties were located that appear to possess the quality of integrity and meet at least one of the criteria (36 CFR 60.6) for inclusion on the National Register. As the lead federal agency, and as provided for in 36 CFR 800.5, on the basis of the information provided, BIA reached a determination of **no historic properties affected** for this undertaking. This determination was communicated to the THPO on March 21, 2012, and the THPO concurred on March 30, 2012.

Macy, Jennifer N.

(2012) Bear Den Natural Gas Gathering Line and Compressor Station: A Class III Cultural Resource Inventory in McKenzie County, North Dakota. KLJ Cultural Resources for Saddle Butte Pipeline, LLC, Durango, CO.

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.

C. 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.

D. Land Use

The proposed project area is located within a predominantly rural area; land use consists primarily of grassland (77 percent). The proposed project would temporarily convert approximately 16.3 acres of tribal trust land from its existing use into a pipeline corridor. The proposed project would also permanently convert approximately 4.0 acres of grassland from tribal trust land into a compressor station. Please refer to *Table 1, Land Use for Proposed Pipeline Corridor*, *Figure 2, Typical Route Vegetation* and *Figure 3, Proposed Compressor Station Site*. 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. Additionally, SBP committed to reducing the ROW to 50 feet for approximately 150 feet through a wooded area, as shown on *Figure 4, Reduced ROW Location Map*. No mitigation is proposed.

Table 1, Land Use for Proposed Pipeline Corridor

LAND CLASSIFICATION	PERCENT OF STUDY AREA	IMPACTED ACRES
Developed	6	1.0
Grassland	77	12.5
Woodland	17	2.8



Figure 2, Typical Route Vegetation



Figure 3, Proposed Compressor Station Site



Figure 4, Reduced ROW Location Map

E. 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 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).

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.

F. Surface Water

No significant impacts to surface water are expected to result from the proposed pipelines or compressor station. 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. Additionally, SBP has committed to bore under a large drainage/wooded draw area, shown in **Figure 5, Wooded Draw to be Bored** and **Figure 6, Bore Location Map**.



Figure 5, Wooded Draw to be Bored

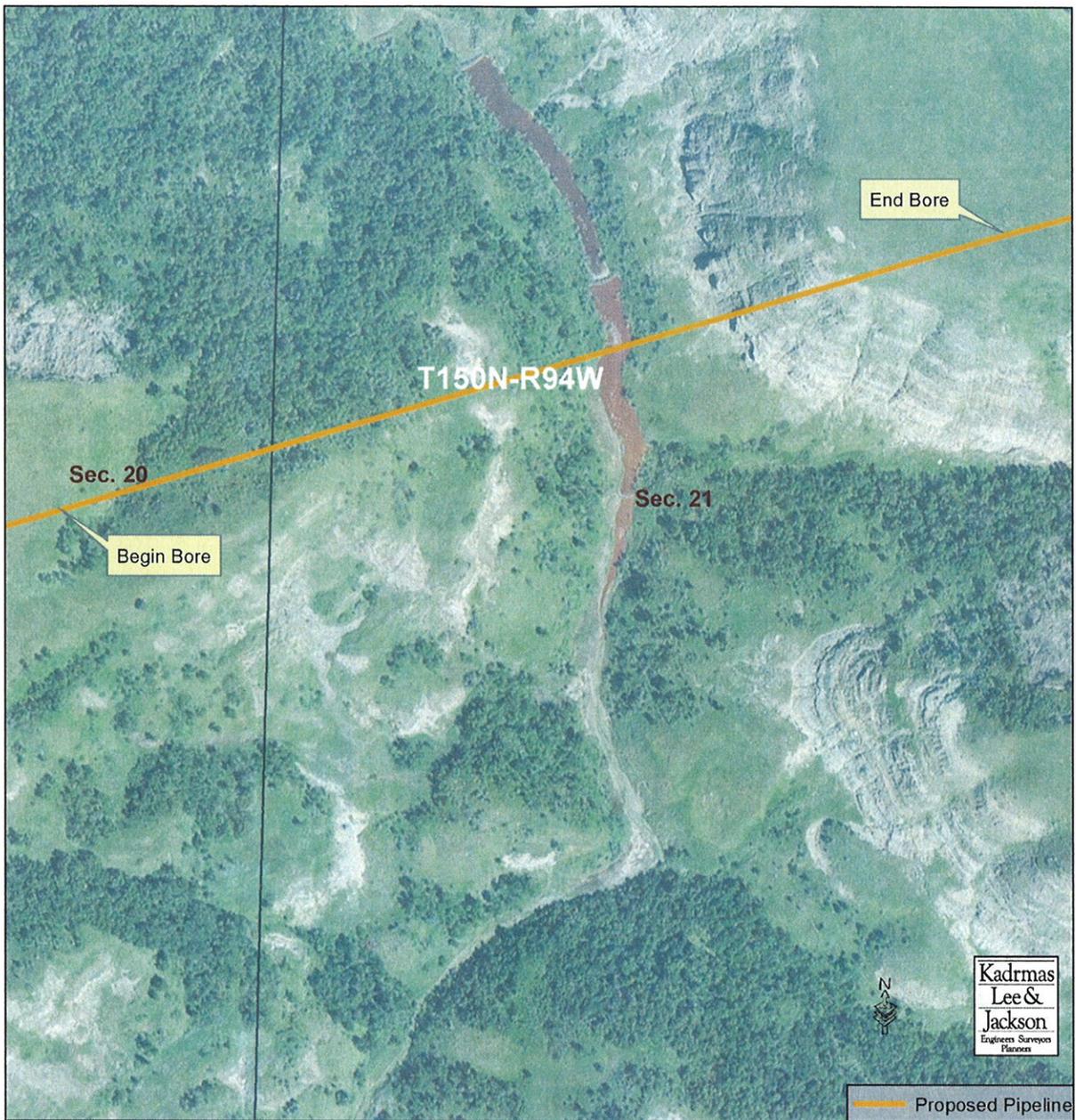


Figure 6, Bore Location Map

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 also 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.

8 NEPA ADEQUACY CRITERIA

This document has identified one previously prepared NEPA document, *Saddle Butte Pipeline, LLC February 2010 EA and 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

MAR 21 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 gathering pipeline and compressor station in McKenzie County, North Dakota. Approximately 38.7 acres were intensively inventoried using a pedestrian methodology. Potential surface disturbances are not expected to exceed the area depicted in the enclosed report. No historic properties were located that appear to possess the quality of integrity and meet at least one of the criteria (36 CFR 60.4) for inclusion on the National Register of Historic Places. No properties were located which appear to 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. Catalogued as **BIA Case Number AAO-2028/FB/12**, the proposed undertaking, location, and project dimensions are described in the following report:

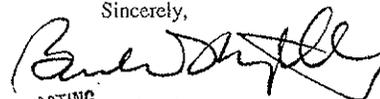
Macy, Jennifer N.

(2012) Bear Den Natural Gas Gathering Line and Compressor Station: A Class III Cultural Resource Inventory in McKenzie County, North Dakota. KLI 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

Murdy, Carson

From: Brian ODonnchadha [Brian.ODonnchadha@kljeng.com]
Sent: Friday, March 30, 2012 3:41 PM
To: Murdy, Carson
Cc: Grady Wolf
Subject: FW: Saddle Butte Pipeline Cultural Report

Carson,
Pete Coffey e-mailed me the concurrence for the Bear Den gathering line and compressor station below. And I, every your dutiful servant, am passing it on to you.

Have a great weekend,

Brian.

From: Pete Coffey [pcoffey@mhanation.com]
Sent: Friday, March 30, 2012 3:30 PM
To: Brian ODonnchadha
Subject: RE: Saddle Butte Pipeline Cultural Report

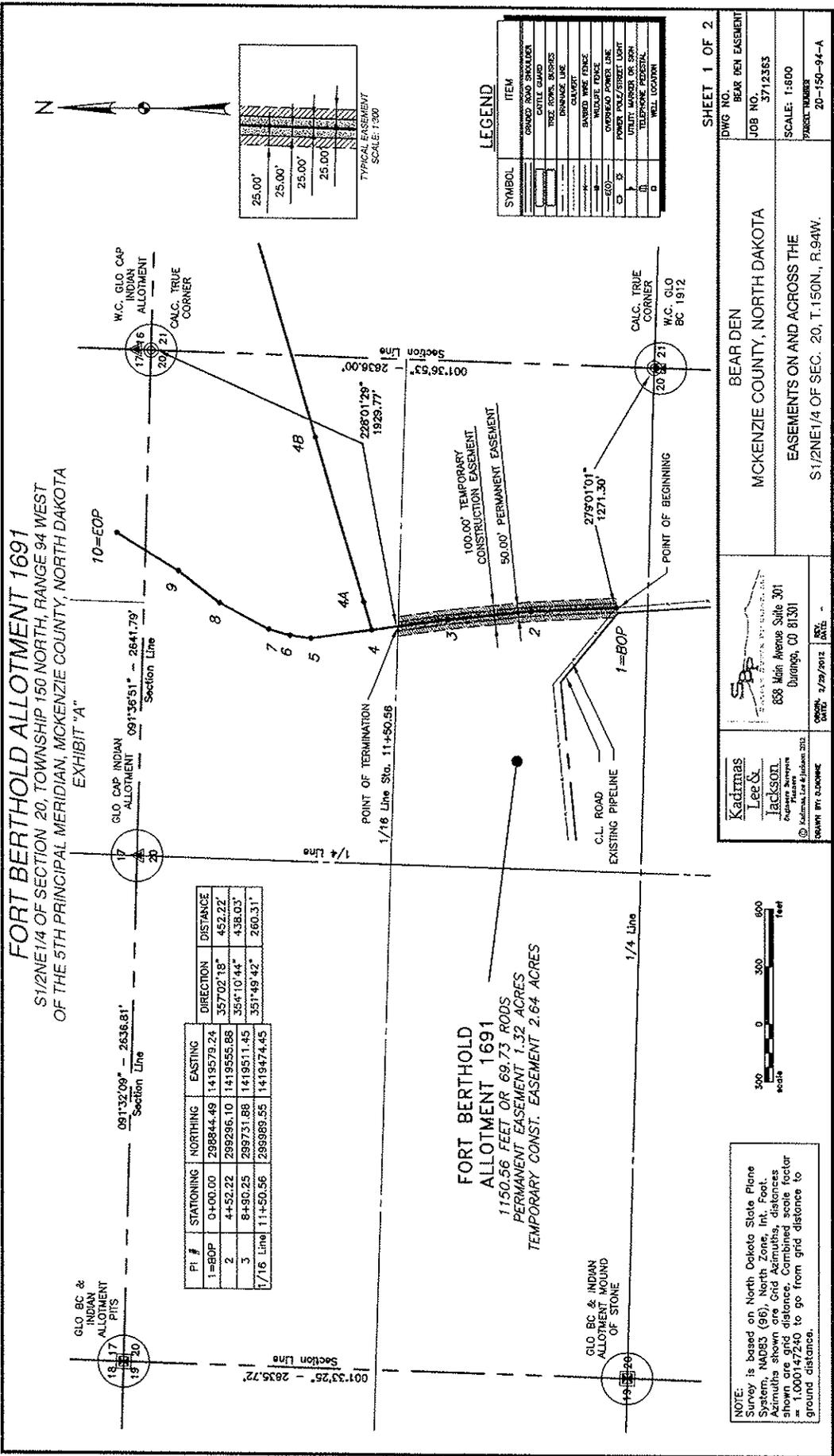
Brian:

Please take this email as official concurrence of 'no historic properties affected' for the Bear Den Natural Gas Gathering Line and Compressor Station, BIA case #: AAO-2028/FB/12 located at McKenzie county, range 150 94, sections 17, 20, 21. I am not sure if this concurrence should go to you or Grady Wolf. Can you please pass on if need be?

Many Thanks
Pete Coffey Jr
Compliance Officer
Tribal Historic Preservation
Mandan Hidatsa Arikara Nation
404 Frontage Road,
New Town, ND, 58763
701.862.2474
701.421.8710

Appendix A

Pipeline Layout and Right-of-Way Plats



FORT BERTHOLD ALLOTMENT 1691
 S1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
1=BOP	0+00.00	298844.49	1419579.24	357°02'18"	452.22'
2	4+52.22	298296.10	1419595.88	354°10'44"	438.03'
3	8+90.25	299731.88	1419511.45	351°49'42"	260.31'
1/16 Line	11+50.56	299389.55	1419474.45		

FORT BERTHOLD ALLOTMENT 1691
 1150.56 FEET OR 69.73 RODS
 PERMANENT EASEMENT 1.32 ACRES
 TEMPORARY CONST. EASEMENT 2.64 ACRES

LEGEND

SYMBOL	ITEM
[Symbol]	GRASSY SOIL SHALLOWS
[Symbol]	CATTLE GUARD
[Symbol]	TREE ROWS, BRUSHES
[Symbol]	DRAINAGE LINE
[Symbol]	CAULVERT
[Symbol]	SHARED WIRE FENCE
[Symbol]	WIDUPE FENCE
[Symbol]	OVERHEAD POWER LINE
[Symbol]	POWER POLE/STREET LIGHT
[Symbol]	UTILITY POLE/STREET LIGHT
[Symbol]	TEMPORARY EASEMENT
[Symbol]	PERMANENT EASEMENT
[Symbol]	WELL LOCATION

SHEET 1 OF 2
 DWG NO. BEAR DEN EASEMENT
 JOB NO. 3712363
 SCALE: 1:800
 PROJECT NUMBER 20-150-94-A

Kadimas Lee & Jackson
 Registered Surveyors
 838 Main Avenue Suite 301
 Durango, CO 81301
 PHONE: 279/2912 FAX: -
 DATE: 2/29/2012
 DRAWN BY: S.DONNER

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.

DRAWN BY: M. Hedrick	DATE: 2/29/2012	REV: 1	S1/2NE1/4 OF SEC. 20, T.150N., R.94W.
Kadmas, Lee & Johnson, PLLC Kadmas Surveyors Jackson Leek Kadmas	858 Main Ave, Suite 301 Durango, CO 81301		EASEMENTS ON AND ACROSS THE
JOB NO. 3712363			SCALE: NONE
DWG NO. BEAR DEN EASEMENT			TAXLOT NUMBER 20-150-94 A

BEAR DEN MCKENZIE COUNTY, NORTH DAKOTA SHEET 2 OF 2

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.
3. Myron J. Kadmas, 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 Robbie Johnson on December 16, 2011.

I, Myron J. Kadmas, 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 Robbie Johnson on December 16, 2011.

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

Date: 3-1-12



DESCRIPTION: PERMANENT EASEMENT SURVEY

BEAR DEN SADDLE BUTTE PIPELINE COMPANY

EXHIBIT "A"

FORT BERTHOLD ALLOTMENT 1691

S1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA

A fifty (50) foot wide permanent easement for utilities and pipelines of an oil and gas collection system over, under and across the South Half of the Northeast Quarter (S1/2NE1/4) of Section 20, Township 150 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 20; thence on an azimuth of 279°01'01" a distance of 1271.30 feet to the POINT OF BEGINNING (PI #1=BOP); thence on an azimuth of 357°02'18" a distance of 452.22 feet to a point (PI #2); thence on an azimuth of 354°10'44" a distance of 438.03 feet to a point (PI #3); thence on an azimuth of 351°49'42" a distance of 260.31 feet to the POINT OF TERMINATION on the north line of the South Half of the Northeast Quarter of said Section 20. Said point is located on an azimuth of 228°01'29" a distance of 1929.77 feet from the northeast corner of the Northeast Quarter of said Section 20.

Covering in all 1150.56 feet or 69.73 rods.

Sold 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 South Half of the Northeast Quarter (S1/2NE1/4) of Section 20, Township 150 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 Northeast Quarter of said Section 20; thence on an azimuth of 279°01'01" a distance of 1271.30 feet to the POINT OF BEGINNING (PI #1=BOP); thence on an azimuth of 357°02'18" a distance of 452.22 feet to a point (PI #2); thence on an azimuth of 354°10'44" a distance of 438.03 feet to a point (PI #3); thence on an azimuth of 351°49'42" a distance of 260.31 feet to the POINT OF TERMINATION on the north line of the South Half of the Northeast Quarter of said Section 20. Said point is located on an azimuth of 228°01'29" a distance of 1929.77 feet from the northeast corner of the Northeast Quarter of said Section 20.

Covering in all 1150.56 feet or 69.73 rods.

Sold temporary construction easement contains 2.64 acres, more or less.

FORT BERTHOLD ALLOTMENT 1694
 N1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

GLO BC &
 INDIAN
 ALLOTMENT
 PITS

091°32'39" - 2636.81'
 Section Line

GLO CAP INDIAN
 ALLOTMENT

091°36'51" - 2841.79'
 Section Line

271°36'51"
 1047.09'

W.C. GLO CAP
 INDIAN
 ALLOTMENT

174°16'
 20' 21"

**FORT BERTHOLD
 ALLOTMENT 1694**
 1450.16 FEET OR 87.89 RODS
 PERMANENT EASEMENT 1.66 ACRES
 TEMPORARY CONST. EASEMENT 3.33 ACRES

001°33'25" - 2636.72'
 Section Line

1/16 Line Sta. 11+50.56

001°36'53"
 2636.00'

W.C. GLO CAP
 INDIAN
 ALLOTMENT

174°16'
 20' 21"

PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
1/16 Line	11+50.56	299989.55	1419474.45	351°49'42"	136.01'
4	12+88.57	300126.15	1419454.83	351°45'38"	321.61'
5	16+10.18	300444.45	1419408.74	007°55'48"	111.32'
6	17+21.50	300554.70	1419424.10	015°41'32"	114.99'
7	18+36.49	300665.40	1419455.20	027°51'57"	290.69'
8	21+27.18	300922.39	1419591.07	037°34'20"	271.31'
9	23+98.49	301137.43	1419756.51	031°35'09"	202.23'
S LINE	26+00.72	301309.69	1419862.43		

GLO BC & INDIAN
 ALLOTMENT
 WOUND
 OF STONE

1/4 Line

W.C. GLO
 CORNER
 BC 1512

174°16'
 20' 21"

W.C. GLO CAP
 INDIAN
 ALLOTMENT

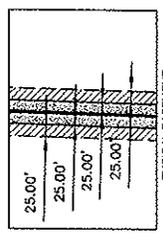
174°16'
 20' 21"

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.



LEGEND

SYMBOL	ITEM
(Symbol)	GROUND BOUNDARY
(Symbol)	CONCRETE CURB
(Symbol)	WIRE EMBOSSE
(Symbol)	ORANGE LINE
(Symbol)	CAVITY
(Symbol)	BARBED WIRE FENCE
(Symbol)	WALDLIFE FENCE
(Symbol)	OVERHEAD POWER LINE
(Symbol)	POWER POLE/STREET LIGHT
(Symbol)	UTILITY NUMBER OR SIGN
(Symbol)	TELEPHONE PERSONAL
(Symbol)	WELL LOCATION



SHEET 1 OF 2
 DWG NO. BEAR DER EASEMENT
 JOB NO. 3712363
 SCALE: 1:600
 PAPER NUMBER 20-150-94-B
 UNCONF: 20-150-94-B (1)

BEAR DEN
 MCKENZIE COUNTY, NORTH DAKOTA
 EASEMENTS ON AND ACROSS THE
 N1/2NE1/4 OF SEC. 20, T.150N., R.94W.

Kadmas
Lee & Jackson
 Registered Surveyors
 838 Main Avenue Suite 301
 Durango, CO 81301
 © Kadmas, Lee & Jackson 2011
 DRAWN BY: DBOONEK
 CHECKED: J. J. JACKSON
 DATE: 2/29/2012

FORT BERTHOLD ALLOTMENT 1694
 N1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BEAR DEN

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 Northeast Quarter (N1/2NE1/4) of Section 20, Township 150 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 20; thence on an azimuth of 314°39'34" a distance of 1912.53 feet to the POINT OF BEGINNING on the north line of the South Half of the Northeast Quarter of said Section 20; thence on an azimuth of 351°49'42" a distance of 138.01 feet to a point (PI #4); thence on an azimuth of 351°45'38" a distance of 321.61 feet to a point (PI #5); thence on an azimuth of 007°55'48" a distance of 111.32 feet to a point (PI #6); thence on an azimuth of 015°41'32" a distance of 114.99 feet to a point (PI #7); thence on an azimuth of 027°51'57" a distance of 290.69 feet to a point (PI #8); thence on an azimuth of 037°34'20" a distance of 271.31 feet to a point (PI #9); thence on an azimuth of 031°35'09" a distance of 202.23 feet to the POINT OF TERMINATION on the north line of the Northeast Quarter of said Section 20. Said point is located on an azimuth of 271°36'51" a distance of 1047.09 feet from the northeast corner of the Northeast Quarter of said Section 20.

Covering in all 1450.16 feet or 87.89 rods.
 Said permanent easement contains 1.66 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 Northeast Quarter (N1/2NE1/4) of Section 20, Township 150 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:

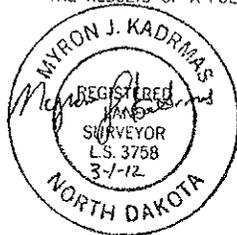
Commencing at the southeast corner of the Northeast Quarter of said Section 20; thence on an azimuth of 314°39'34" a distance of 1912.53 feet to the POINT OF BEGINNING on the north line of the South Half of the Northeast Quarter of said Section 20; thence on an azimuth of 351°49'42" a distance of 138.01 feet to a point (PI #4); thence on an azimuth of 351°45'38" a distance of 321.61 feet to a point (PI #5); thence on an azimuth of 007°55'48" a distance of 111.32 feet to a point (PI #6); thence on an azimuth of 015°41'32" a distance of 114.99 feet to a point (PI #7); thence on an azimuth of 027°51'57" a distance of 290.69 feet to a point (PI #8); thence on an azimuth of 037°34'20" a distance of 271.31 feet to a point (PI #9); thence on an azimuth of 031°35'09" a distance of 202.23 feet to the POINT OF TERMINATION on the north line of the Northeast Quarter of said Section 20. Said point is located on an azimuth of 271°36'51" a distance of 1047.09 feet from the northeast corner of the Northeast Quarter of said Section 20.

Covering in all 1450.16 feet or 87.89 rods.
 Said temporary construction easement contains 3.33 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. Kadrmaz, 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 Robbie Johnson on December 16, 2011.



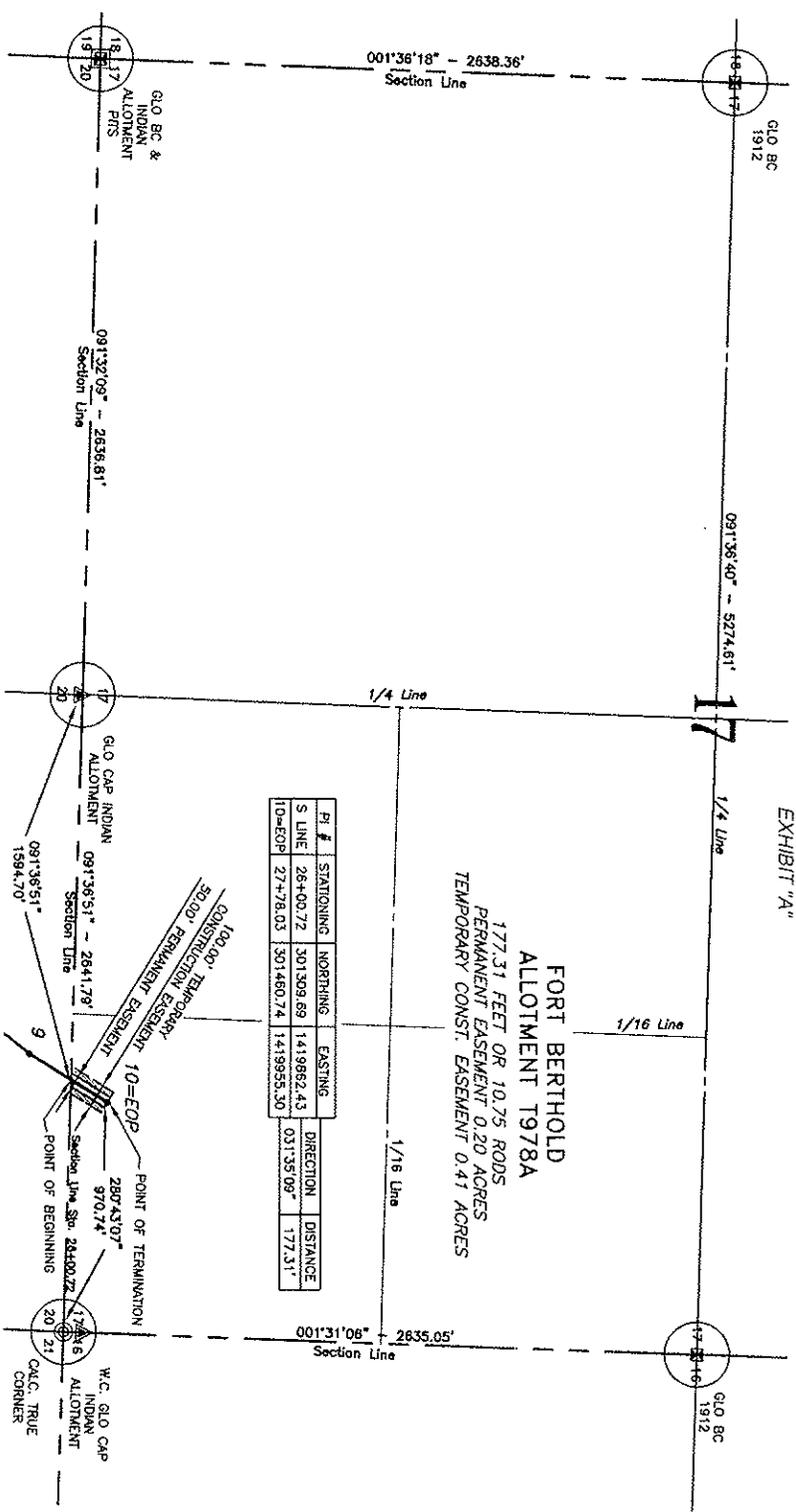
3-1-12
 Date

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

SHEET 2 OF 2

 Kadrmaz Lee & Jackson Engineers Surveyors Planners <small>© Kadrmaz, Lee & Jackson 2012</small> DRAWN BY: M. Hoobar CHECKED BY: M. Hoobar DATE: 2/29/2012 REV. DATE:	 SPP 858 Main Ave, Suite 301 Durango, CO 81301	BEAR DEN MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. BEAR DEN EASEMENT JOB NO. 3712363
		EASEMENTS ON AND ACROSS THE N1/2NE1/4 OF SEC. 20, T.150N., R.94W.	SCALE: NONE PARCEL NUMBER 20-150-94 B

FORT BERTHOLD ALLOTMENT T978A
 SE1/4SE1/4 OF SECTION 17, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"



PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
S LINE	26+00.72	301309.69	1419862.43	031°35'09"	177.31'
10=EDP	27+78.03	301480.74	1419955.30		

LEGEND

SYMBOL	ITEM
[Symbol]	GRADED ROAD SHOULDER
[Symbol]	CATTLE GROUND
[Symbol]	TRAIL CORNER
[Symbol]	BOUNDARY LINE
[Symbol]	CONCRETE
[Symbol]	DUGGED WIRE FENCE
[Symbol]	MULTIPLY FENCE
[Symbol]	OVERHEAD POWER LINE
[Symbol]	OVERHEAD POWER LINE
[Symbol]	UTILITY MARKER SIGN
[Symbol]	UTILITY MARKER SIGN
[Symbol]	UTILITY MARKER SIGN
[Symbol]	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 Distances. Combined scale factor is 0.99999997240 to 90 from grid distance to ground distance.



Kadmas
 Lee & Jackson
 Registered Professional Surveyors
 838 Main Avenue Suite 201
 Dunwoody, CO 81301

SP
 SURVEY PROFESSIONAL
 2/29/2012

MCKENZIE COUNTY, NORTH DAKOTA
EASEMENTS ON AND ACROSS THE
SE1/4SE1/4 OF SEC. 17, T.150N., R.94W.

DWG NO. BEAR DEN EASEMENT
JOB NO. 3712365
SCALE: 1:800
FRONT TIER: 17-150-94-A

FORT BERTHOLD ALLOTMENT T978A
 SE1/4SE1/4 OF SECTION 17, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BEAR DEN

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 of the Southeast Quarter (SE1/4SE1/4) of Section 17, Township 150 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 Southeast Quarter of said Section 17; thence on an azimuth of 091°36'51" a distance of 1594.70 feet to the POINT OF BEGINNING on the south line of the Southeast Quarter of said Section 17; thence on an azimuth of 031°35'09" a distance of 177.31 feet the POINT OF TERMINATION (PI# 10=EOP). Said point is located on an azimuth of 280°43'07" a distance of 970.74 feet from the southeast corner of the Southeast Quarter of said Section 17.

Covering in all 177.31 feet or 10.75 rods.
 Said permanent easement contains 0.20 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 of the Southeast Quarter (SE1/4SE1/4) of Section 20, Township 150 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 Southeast Quarter of said Section 17; thence on an azimuth of 091°36'51" a distance of 1594.70 feet to the POINT OF BEGINNING on the south line of the Southeast Quarter of said Section 17; thence on an azimuth of 031°35'09" a distance of 177.31 feet the POINT OF TERMINATION (PI# 10=EOP). Said point is located on an azimuth of 280°43'07" a distance of 970.74 feet from the southeast corner of the Southeast Quarter of said Section 17.

Covering in all 177.31 feet or 10.75 rods.
 Said temporary construction easement contains 0.41 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 Robbie Johnson on December 16, 2011.



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

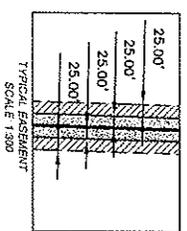
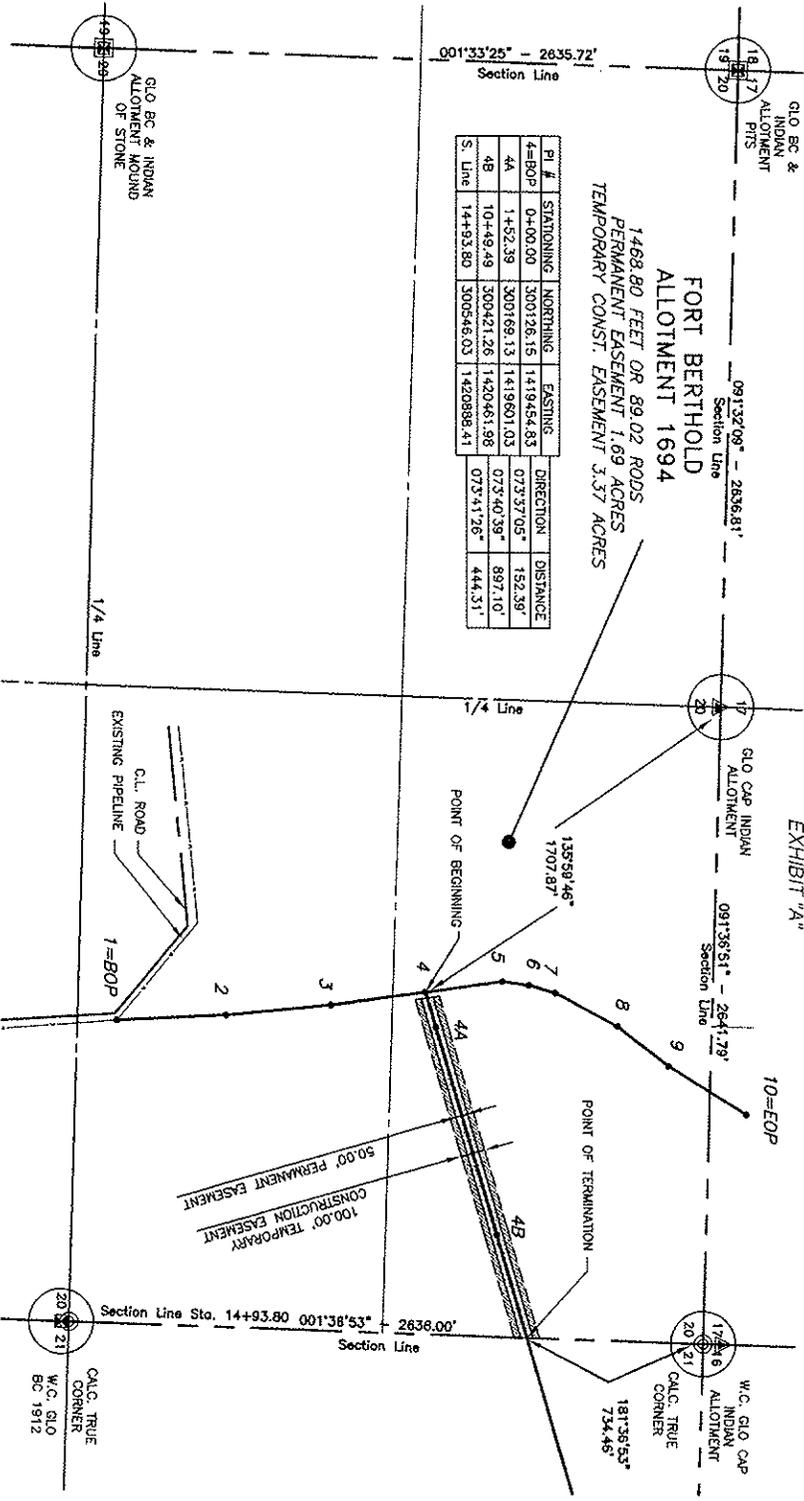
3-1-12
 Date

SHEET 2 OF 2

 Kadrmias, Lee & Jackson 2011 DRAWN BY: M. Hecker	 858 Main Ave, Suite 301 Durango, CO 81301	BEAR DEN	DWG NO.
		MCKENZIE COUNTY, NORTH DAKOTA	BEAR DEN EASEMENT
		EASEMENTS ON AND ACROSS THE	JOB NO.
		SE1/4SE1/4 OF SEC. 17, T.150N., R.94W.	3712363
			SCALE: NONE
			FIGURE NUMBER
			17-150-94 A

FORT BERTHOLD ALLOTMENT 1694
 N1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

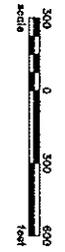
PI #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
4=BOP	0+00.00	300126.15	1419454.83	073°37'05"	152.39'
4A	1+52.39	300169.13	1419601.03	073°40'39"	897.10'
4B	10+49.49	300421.26	1420461.98	073°41'26"	444.31'
S. Line	14+93.80	300546.03	1420898.41		



LEGEND

SYMBOL	ITEM
[Symbol]	BOUNDARY
[Symbol]	ROAD ROAD STRUCTURE
[Symbol]	CATTLE GUARD
[Symbol]	TRAIL ROME, BARRIS
[Symbol]	ORANGE LINE
[Symbol]	OVERLAY
[Symbol]	BARRIS WIRE FENCE
[Symbol]	INDIAN TRAIL
[Symbol]	INDIAN TRAIL
[Symbol]	POWER POLYETHYLENE TUB
[Symbol]	UTILITY MARKER OR SIGN
[Symbol]	TEMPORARY EASEMENT
[Symbol]	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 distances. Combined scale factor = 1.000147240 to go from grid distance to ground distance.



Kadimas
 Lee & Jackson
 888 Main Avenue Suite 301
 Durango, CO 81301
 970.247.2727

BEAR DEN
 MCKENZIE COUNTY, NORTH DAKOTA
 EASEMENTS ON AND ACROSS THE
 N1/2NE1/4 OF SEC. 20, T.150N., R.94W.

DWG NO. BEAR DEN EASMENT
 JOB NO. 3712383
 SCALE: 1:500
 SHEET 1 OF 2
 20-15-94 C

FORT BERTHOLD ALLOTMENT 1694
 N1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BEAR DEN

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 Northeast Quarter (N1/2NE1/4) of Section 20, Township 150 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 Northeast Quarter of said Section 20; thence on an azimuth of 135°59'46" a distance of 1707.87 feet to the POINT OF BEGINNING; thence on an azimuth of 073°37'05" a distance of 152.39 feet to a point (PI #4A); thence on an azimuth of 073°40'39" a distance of 897.10 feet to a point (PI #4B); thence on an azimuth of 073°41'26" a distance of 444.31 feet to the POINT OF TERMINATION on the east line of the Northeast Quarter of said Section 20. Said point is located on an azimuth of 181°36'53" a distance of 734.46 feet from the northeast corner of the Northeast Quarter of said Section 20. Except the west 25 feet of said easement.

Covering in all 1468.80 feet or 89.02 rods.
 Said permanent easement contains 1.69 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 Northeast Quarter (N1/2NE1/4) of Section 20, Township 150 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 Northeast Quarter of said Section 20; thence on an azimuth of 135°59'46" a distance of 1707.87 feet to the POINT OF BEGINNING; thence on an azimuth of 073°37'05" a distance of 152.39 feet to a point (PI #4A); thence on an azimuth of 073°40'39" a distance of 897.10 feet to a point (PI #4B); thence on an azimuth of 073°41'26" a distance of 444.31 feet to the POINT OF TERMINATION on the east line of the Northeast Quarter of said Section 20. Said point is located on an azimuth of 181°36'53" a distance of 734.46 feet from the northeast corner of the Northeast Quarter of said Section 20. Except the west 25 feet of said easement.

Covering in all 1468.80 feet or 89.02 rods.
 Said temporary construction easement contains 3.37 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 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 Robbie Johnson on December 16, 2011.



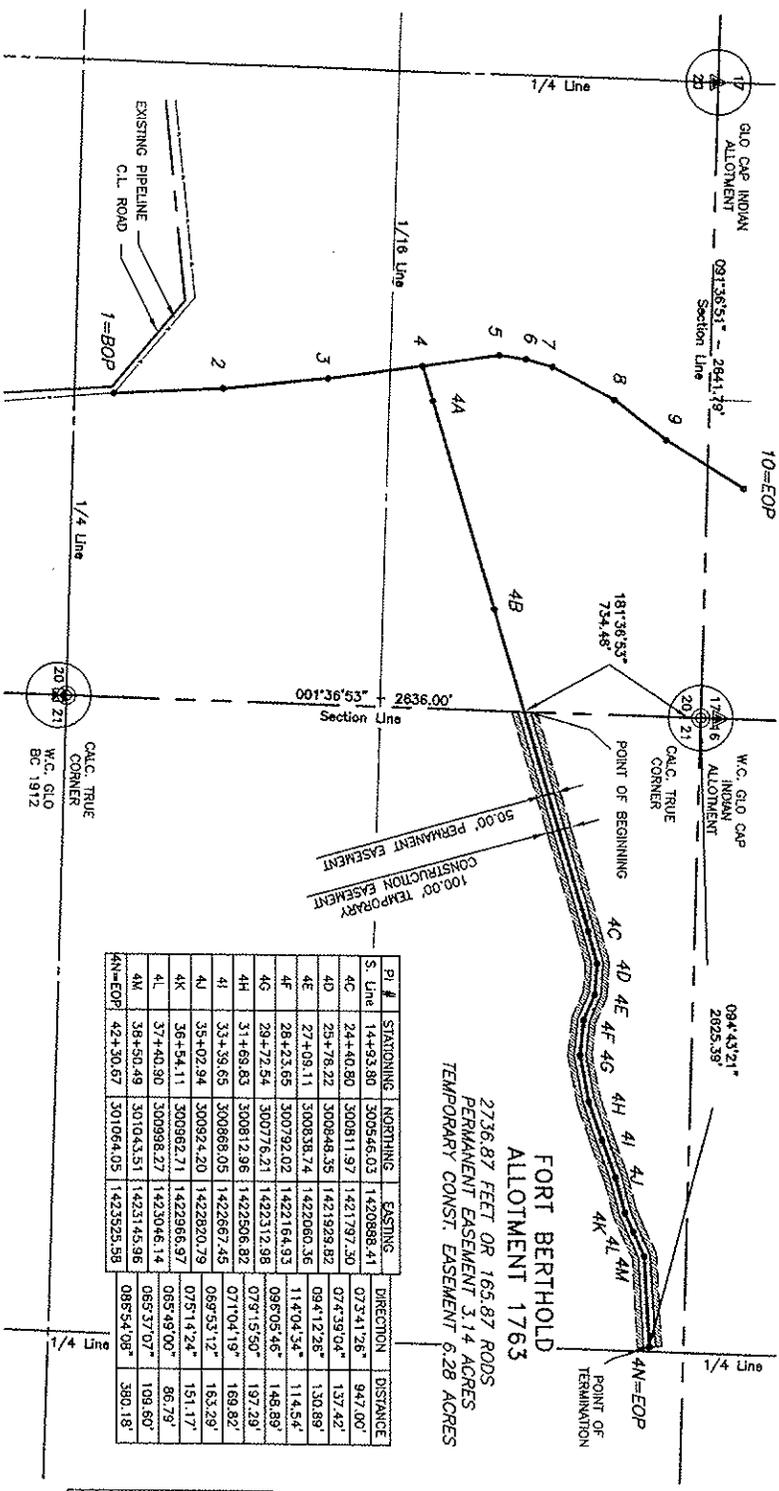
3-1-12
 Date

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

SHEET 2 OF 2

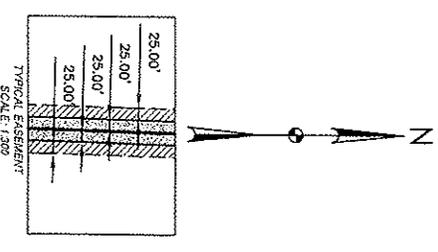
 Kadmas Lee & Jackson Registered Surveyors Planners © Kadmas, Lee & Jackson 2012	 SADDLE BUTTE PIPELINE 858 Main Ave, Suite 301 Durango, CO 81301	BEAR DEN MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. BEAR DEN EASEMENT
		EASEMENTS ON AND ACROSS THE N1/2NE1/4 OF SEC. 20, T.150N., R.94W.	JOB NO. 3712363
DRAWN BY: M. Hecker ORIGINAL DATE: 2/29/2012 REV. DATE:			SCALE: NONE PARCEL NUMBER 20-150-94 C

FORT BERTHOLD ALLOTMENT 1763
 N1/2NW1/4 OF SECTION 21, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

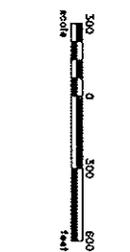


FORT BERTHOLD ALLOTMENT 1763
 2736.87 FEET OR 165.87 RODS
 PERMANENT EASEMENT 3.14 ACRES
 TEMPORARY CONST. EASEMENT 6.28 ACRES

PT. #	STATIONING	NORTHING	EASTING	DIRECTION	DISTANCE
S Line	14+93.80	300546.03	1420888.41	073°41'26"	947.00'
4C	24+40.80	300811.97	1421797.30	074°39'04"	137.42'
4D	25+78.22	300848.35	1421928.82	094°12'26"	130.89'
4E	27+09.11	300838.74	1422060.36	114°04'54"	114.54'
4F	28+23.65	300792.02	1422164.93	096°05'46"	148.89'
4G	29+72.54	300776.21	1422312.88	079°15'50"	197.29'
4H	31+65.83	300812.96	1422506.82	071°04'19"	169.82'
4I	33+39.65	300868.05	1422674.45	089°53'12"	163.29'
4J	35+02.94	300924.20	1422820.79	075°14'24"	151.17'
4K	36+54.11	300962.71	1422966.37	085°49'00"	86.79'
4L	37+40.90	300998.27	1423046.14	085°37'07"	109.60'
4N=EQP	38+50.49	301044.51	1423145.96	085°54'08"	380.18'
4N=EQP	42+30.67	301064.05	1423323.58		



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.



Kadmas Lee & Jackson
 Registered Surveyors
 858 Main Avenue Suite 301
 Fargo, ND 58101
 PHONE: 701.785.1111
 FAX: 701.785.1112

BEAR DEN MCKENZIE COUNTY, NORTH DAKOTA
 EASEMENTS ON AND ACROSS THE
 N1/2NW1/4 OF SEC. 21, T.150N., R.94W.

SHEET 1 OF 2
 DWG. NO. BEAR DEN EASMENT
 JOB NO. 3712363
 SCALE: 1:600
 PROJECT NUMBER: 21-150-94 A (1)
 LAYOUT: 21-150-94 A (1)

FORT BERTHOLD ALLOTMENT 1763
 N1/2NW1/4 OF SECTION 21, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BEAR DEN

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 Northwest Quarter (N1/2NW1/4) of Section 21, Township 150 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 said Section 21; thence on an azimuth of 181°36'53" a distance of 734.46 feet to the POINT OF BEGINNING on the west line of said Section 21; thence on an azimuth of 073°41'26" a distance of 947.00 feet to a point (PI #4C); thence on an azimuth of 074°39'04" a distance of 137.42 feet to a point (PI #4D); thence on an azimuth of 094°12'26" a distance of 130.89 feet to a point (PI #4E); thence on an azimuth of 114°04'34" a distance of 114.54 feet to a point (PI #4F); thence on an azimuth of 096°05'46" a distance of 148.89 feet to a point (PI #4G); thence on an azimuth of 079°15'50" a distance of 197.29 feet to a point (PI #4H); thence on an azimuth of 071°04'19" a distance of 169.82 feet to a point (PI #4I); thence on an azimuth of 069°53'12" a distance of 163.29 feet to a point (PI #4J); thence on an azimuth of 075°14'24" a distance of 151.17 feet to a point (PI #4K); thence on an azimuth of 065°49'00" a distance of 86.79 feet to a point (PI #4L); thence on an azimuth of 065°37'07" a distance of 109.60 to a point (PI #4M); thence on an azimuth of 086°54'08" a distance of 380.18 feet to the POINT OF TERMINATION (PI #4N=EOP) Said point is located on an azimuth of 094°43'21" a distance of 2625.39 feet from the northwest corner of said Section 21.

Covering in all 2736.87 feet or 165.87 rods.
 Said permanent easement contains 3.14 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 Northwest Quarter (N1/2NW1/4) of Section 21, Township 150 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:

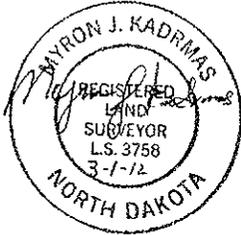
Commencing at the northwest corner of said Section 21; thence on an azimuth of 181°36'53" a distance of 734.46 feet to the POINT OF BEGINNING on the west line of said Section 21; thence on an azimuth of 073°41'26" a distance of 947.00 feet to a point (PI #4C); thence on an azimuth of 074°39'04" a distance of 137.42 feet to a point (PI #4D); thence on an azimuth of 094°12'26" a distance of 130.89 feet to a point (PI #4E); thence on an azimuth of 114°04'34" a distance of 114.54 feet to a point (PI #4F); thence on an azimuth of 096°05'46" a distance of 148.89 feet to a point (PI #4G); thence on an azimuth of 079°15'50" a distance of 197.29 feet to a point (PI #4H); thence on an azimuth of 071°04'19" a distance of 169.82 feet to a point (PI #4I); thence on an azimuth of 069°53'12" a distance of 163.29 feet to a point (PI #4J); thence on an azimuth of 075°14'24" a distance of 151.17 feet to a point (PI #4K); thence on an azimuth of 065°49'00" a distance of 86.79 feet to a point (PI #4L); thence on an azimuth of 065°37'07" a distance of 109.60 to a point (PI #4M); thence on an azimuth of 086°54'08" a distance of 380.18 feet to the POINT OF TERMINATION (PI #4N=EOP) Said point is located on an azimuth of 094°43'21" a distance of 2625.39 feet from the northwest corner of said Section 21.

Covering in all 2736.87 feet or 165.87 rods.
 Said temporary construction easement contains 6.28 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 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 Robbie Johnson on December 16, 2011.



3-1-12
 Date

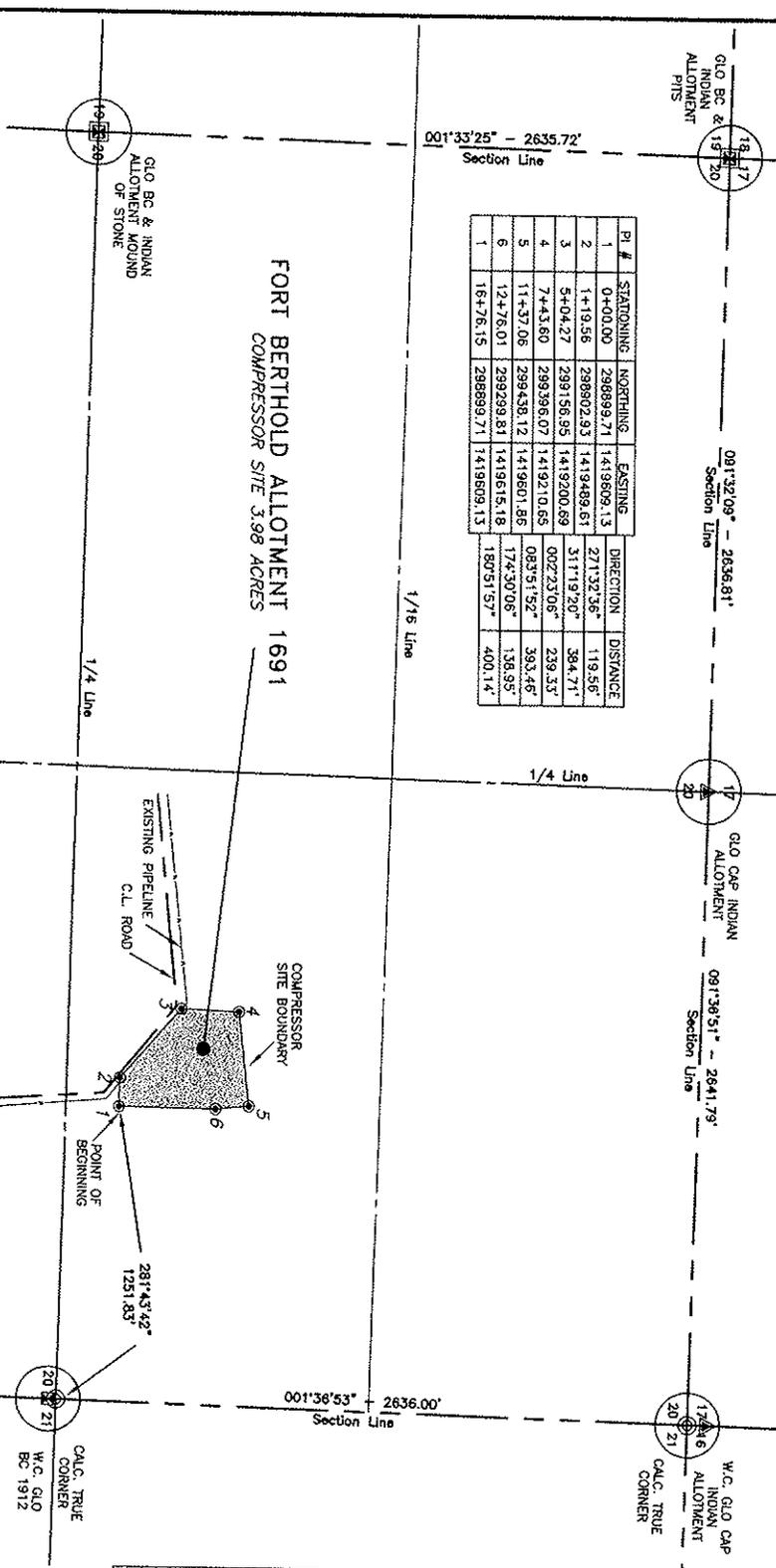
Myron J. Kadrmias
 Myron J. Kadrmias, Registered Land Surveyor
 N.D. RLS No. 3758

SHEET 2 OF 2

 Kadrmias, Lee & Jackson Engineers Surveyors Planners 858 Main Ave, Suite 301 Durango, CO 81301	ORIGIN DATE: 2/29/2012 REV. DATE:	BEAR DEN MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. BEAR DEN EASEMENT
		EASEMENTS ON AND ACROSS THE N1/2NW1/4 OF SEC. 21, T.150N., R.94W.	JOB NO. 3712363
			SCALE: NONE PARCEL NUMBER 21-150-94 A

FORT BERTHOLD ALLOTMENT 1691
 S1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

PI #	STATIONING	NORTHINGS	EASTINGS	DIRECTION	DISTANCE
1	0+00.00	298899.71	1419809.13	271°32'36"	119.56'
2	1+19.56	298902.93	1419489.61	317°19'20"	384.71'
3	5+04.27	299156.95	1419200.69	002°23'06"	239.33'
4	7+43.60	299396.07	1419210.65	083°51'52"	393.46'
5	11+37.06	299438.12	1419601.85	174°30'06"	136.95'
6	12+76.01	299299.81	1419615.18	150°51'57"	400.14'
1	16+76.15	298899.71	1419809.13		



NOTE:
 Survey is based on North Dakota State Plane System, NAD83 (98), North Zone, Int. Foot. Azimuths shown are grid azimuths; distances shown are grid distances. Combined scale factor is 1.000000240 to go from grid distance to ground distance.



LEGEND

SYMBOL	ITEM
-----	GRADED ROAD SURVEYOR
-----	CHUTE GARD
-----	TRIP RINGS, BARRIS
-----	SHADAGE LINE
-----	CALLOUT
-----	BARRED WIRE FENCE
-----	WALUTE FENCE
-----	OVERHEAD POWER LINE
-----	POWER POLE/STREET LIGHT
-----	UTILITY MARKER OR SIGN
-----	TITLE MARK, PROSICAL
-----	WELL CLOSURE

Kadimas
 Lee &
JACKSON
 DEPARTMENT SURVEYORS
 888 Main Avenue Suite 301
 Bismarck, ND 58101
 701.224.2222
 www.kadimas.com

BEAR DEN COMPRESSOR STATION
 MCKENZIE COUNTY, NORTH DAKOTA
 A TRACT OF LAND LYING IN
 S1/2NE1/4 OF SEC. 20, T.150N., R.94W.

FORT BERTHOLD ALLOTMENT 1691
 S1/2NE1/4 OF SECTION 20, TOWNSHIP 150 NORTH, RANGE 94 WEST
 OF THE 5TH PRINCIPAL MERIDIAN, MCKENZIE COUNTY, NORTH DAKOTA
 EXHIBIT "A"

SADDLE BUTTE PIPELINE COMPANY
 BEAR DEN COMPRESSOR

DESCRIPTION: PERMANENT EASEMENT SURVEY

A tract of land located in the South Half of the Northeast Quarter (S1/2NE1/4) of Section 20, Township 150 North, Range 94 West of the 5th Principal Meridian, McKenzie County, State of North Dakota, being more particularly described as follows:

Commencing at the southeast corner of the Northeast Quarter of said Section 20; thence on an azimuth of 281°43'42" a distance of 1251.83 feet to the POINT OF BEGINNING (PI #1); thence on an azimuth of 271°32'36" a distance of 119.56 feet to a point (PI #2); thence on an azimuth of 311°19'20" a distance of 384.71 feet to a point (PI #3); thence on an azimuth of 002°23'06" a distance of 239.33 feet to a point (PI #4); thence on an azimuth of 083°51'52" a distance of 393.46 feet to a point (PI #5); thence on an azimuth of 174°30'06" a distance of 138.95 feet to a point (PI #7); thence on an azimuth of 180°51'57" a distance of 400.14 feet to the POINT OF BEGINNING (PI #1) Said point is located on an azimuth of 281°43'42" a distance of 1251.83 feet from the southeast corner of the Northeast Quarter of said Section 20.

Said tract contains 3.98 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. 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 Robbie Johnson on December 16, 2011.



3-1-12
 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 © Kadrmias, Lee & Jackson 2012 DRAWN BY: M. Hoeker	 SADDLE BUTTE PIPELINE, LLC 858 Main Ave, Suite 301 Durango, CO 81301	BEAR DEN COMPRESSOR STATION MCKENZIE COUNTY, NORTH DAKOTA	DWG NO. BEAR DEN COMPRESSOR JOB NO. 3712363
		EASEMENTS ON AND ACROSS THE S1/2NE1/4 OF SEC. 21, T.150N., R.94W.	SCALE: NONE PARCEL NUMBER 20-150-94 A
COORDINATE DATE: 2/29/2012	REV. DATE:		

Notice of Availability and Appeal Rights

Saddle Butte Pipeline, LLC (SBP): Bear Den Pipeline and Compressor Station

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 Bear Den Pipeline and Compressor Station 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 May 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 701-627-4707.

Project locations.

