



STATE OF COLORADO
STATE BOARD OF LAND COMMISSIONERS

SURFACE USE AGREEMENT
OT 112505

Non-State and Pooled or Communitized Minerals

THIS SURFACE USE AGREEMENT ("Agreement"), dated this first day of April, 2019, ("Effective Date") is made by and between the State of Colorado, acting by and through the Colorado State Board of Land Commissioners, whose address is 1127 Sherman Street, Suite 300, Denver, CO 80203, herein called the "State Land Board", and, Bison Oil & Gas II, LLC, whose address is 518 17th Street, Suite 1800, Denver, CO 80202, herein called the "Operator".

WHEREAS, the State Land Board represents that it is the surface owner and in possession of the surface estate in all or part of the following lands located in Weld County, Colorado (the "Property"):

Subdivision NWSW, Section 16, Township 8N, Range 59W

WHEREAS, the State Land Board acknowledges that the Operator has certain rights to conduct oil and gas operations under the terms of oil and gas lease(s) underlying or adjacent to the Property;

WHEREAS, the State Land Board and the Operator, together also herein be called the "Parties", desire to facilitate development of the oil and gas resources based on reasonable access and use of the Property, and to reach an understanding and agreement regarding the Operator's surface access and use and to minimize disturbance associated with oil and gas operations.

NOW, THEREFORE, in consideration of the terms and conditions cited below, the State Land Board and the Operator agree as follows:

1. Surface Rights

The State Land Board agrees to allow the Operator reasonable use of a portion of the Property to build well pad(s), tank batteries, access road(s); construct pipelines, flowlines, gathering lines and powerlines; and to drill, complete, produce and operate vertical, directional or horizontal wells (the "Operations"). Operations on the Property shall be confined to a limited portion of the surface of the Property exclusively reserved for Operations (the "Operations Area"), together with an "Access Corridor," as necessary, for access roads and associated lines, containing 15.898 acres which is further identified on Exhibit A. The Operator shall have the exclusive right to utilize the Operations Area provided the State Land Board may use the balance of the Property and the Access Corridor for State Land Board purposes that do not materially interfere with Operations. Furthermore, the Operator shall have the right to access and use the Property in "Emergency Situations". Emergency Situations is defined as situations that require immediate attention in order to protect human life or prevent further degradation of the land.

2. Subsurface Easement

To the extent the State Land Board owns the sub-surface rights underlying the Property, the State Land Board hereby grants the Operator a sub-surface easement for passage of any portion of the directional or horizontal wellbore for a well located on the Operations Area through the State Land Board owned sub-surface. If a wellbore from a well located on the Operations Area leaves the sub-

surface boundaries of one State Land Board oil and gas lease and enters lands covered under a separate oil and gas lease or leases, the State Land Board grants an easement to allow the wellbore to travel and produce from all applicable leases, provided such easement does not conflict with the terms of any State Land Board lease now in effect.

3. Term

This Agreement shall have a primary term of three (3) years (the "Primary Term") and shall continue for so long thereafter as any well utilizing the Operations Area continues to produce oil or gas. If, after the expiration of the Primary Term of this Agreement, production from all wells utilizing the Operations Area should cease for any cause for a period of more than two (2) years, the State may terminate this Agreement, provided that the Operator may request annual one-year extensions to this Agreement by (i) providing evidence of compliance with COGGC Rule 326.B - Mechanical Integrity Testing for Shut-in Wells, which may be in the form of COGGC Form 21 - Mechanical Integrity Test and, (ii) paying the State Land Board, in addition to the Annual Payment, [REDACTED] per acre of the Operations Area.

If the Operator fails to commence Operations on the Operations Area during the Primary Term by established production from wells located on the Operations Area or from off-site Wells utilizing facilities located on the Operations Area, this Agreement will terminate at the end of the Primary Term.

Upon termination of Operations, this Agreement shall remain in effect as to other terms and conditions until all wells are plugged and abandoned and the reclamation and clean-up requirements set out in the "Reclamation" section below have occurred consistent with the Colorado Oil and Gas Conservation Commission (the "COGCC") regulations then in effect, and to the reasonable satisfaction of the State Land Board.

Agreement extensions in the absence of oil or gas production or in the event that the Operator fails to comply with 3.i and 3.ii above may be granted at the sole discretion of the State Land Board.

4. Payments to the State Land Board

- A. Initial Damage Payment - On the Effective Date of the Agreement the Operator shall pay the State Land Board [REDACTED] based on the surface use rates set forth on Exhibit B for surface damage, impact and use of the Operations Area.
- B. Well Payments - In addition to the Initial Damage Payment, the Operator shall pay the State Land Board a one-time payment for any and all wells located on the Operations Area based on the rates set forth on Exhibit B. Well Payments are due on the next annual anniversary date of the Effective Date following the well spud date, defined as when the drill bit contacts the ground to start the process to drill for and install surface casing.
- C. Annual Payment - The Operator shall pay the State Land Board annually, on or before each anniversary of the Effective Date for so long as this Agreement remains in effect, an Annual Payment of [REDACTED], calculated based on the rates set forth on Exhibit B. The State Land Board may accept, in lieu of Annual Payments, a lump-sum one-time payment on the Effective Date of this Agreement, at the sole and absolute discretion of the State Land Board.

- D. **Access Corridor Payment:** The operator shall pay a one-time Access Corridor Payment to the State Land Board of [REDACTED] based on the rates set forth on Exhibit B, for access roads, pipeline and powerline easements, and all other disturbances outside the Operations Area. Payment shall be made on the Effective Date of the Agreement and the Operator may be subject to either the SUA or a separate Right-of-Way ("ROW") agreement. Operator shall consult with and obtain approval from the State Land Board for Access Corridors and shall cooperate with the State Land Board regarding the location and construction timing for any pipeline burial in order to minimize surface disturbance, and shall pay the State Land Board based on the compensation schedule set forth on Exhibit B. For accuracy of measurement, Operator shall provide an As-Built Survey and the Access Corridor Payment may be adjusted accordingly.
- E. **Production Facilities Payment -** Upon written approval by the State Land Board, the Operator shall pay the State Land Board a one-time payment for each well located off the Operations Area ("Off-Site Wells") that uses facilities located on the Operations Area, including without limitation, tanks and compressors, and all associated oil and gas production and operational facilities (the "Production Facilities"), calculated based on Exhibit B ("Production Facilities Payment"). The State Land Board's written approval and the Production Facilities Payment are due prior to constructing pipelines or producing hydrocarbons from Off-Site Wells to the facilities located on the Operations Area and such use will be granted at the State Land Board's sole and absolute discretion.
- F. **Rental Adjustment -** On the tenth anniversary of this Agreement and every fifth anniversary date thereafter the Annual Payment shall be increased based on the change in Consumer Price Index - All Urban Consumers, "CPI-U" (CUUR0000SA4) (Base Period 1982-84=100) (the "Index"), as first published by the U. S. Department of Labor, Bureau of Labor Statistics, for the five year period preceding such anniversary date.

On the tenth anniversary of this agreement and annually thereafter the Annual Payment may be reduced based on a reduction in size of the Operations Area due to interim reclamation subject to written approval by the State Land Board's District Manager or their appointee.

5. Excess Damage

If the Operations cause damage to (i) the Property located outside of the Operations Area or (ii) any other State Land Board-owned surface, or (iii) personal property located on Property outside of the Operations Area and Access Corridor, or if Operator's surface use exceeds the use contemplated herein, causing damage, including without limitation damage or destruction of land, crops, livestock, structures, buildings, fences, culverts, concrete ditches, irrigation systems, and natural water ways, Operator shall repair or replace the damaged property, or shall pay reasonable compensation to the State Land Board or the owner of such personal property for the replacement or repair of the damaged property. Failure to timely repair, replace or pay for additional damages may result in termination of this Agreement subject to notice and cure rights contained in paragraph 20.

6. Consultation

- A. **Surface Owner -** Prior to execution of this Agreement, Operator shall meet with a State Land Board representative to define the Operations Area and Access Corridor as set forth on Exhibit A. Except for Emergency Situations, Operators shall be confined to the Operations Area and

Access Corridor, and any change to Exhibit A requires prior consultation and written approval of the State Land Board. Except as indicated in paragraph 28, the State Land Board does not waive any COGCC surface owner consultation requirements, and the Operator shall not seek a variance to any required consultation without the advance written approval of the State Land Board.

- B. Colorado Parks and Wildlife - Prior to executing this Agreement, Operator shall consult with Colorado Parks and Wildlife (CPW) representatives as required by COGCC Rules, and as required by the State Land Board, to determine if the Property contains CPW mapped High Priority Habitat (HPH) and/or occurrences of Federally-listed Endangered, Threatened, or Candidate Wildlife. The Operator shall review the Colorado Natural Heritage Program (CNHP) data to identify animal and plant species of concern. Evidence of such consultation and review and the Operator's design measures and best management practices (BMPs) to be employed to avoid and minimize adverse impacts to biological resources, species, and habitats must be attached to this Agreement as Exhibit C. The Parties mutually agree that any violation or non-compliance with the Exhibit C design measures and BMPs, in whole or in part, arising directly or indirectly from the use, occupation or control of the Property and the Operations Area, by the Operator or the Operator's Contactors is a default of this Agreement and the State Land Board may terminate this Agreement, subject to notice and cure rights contained in paragraph 20. In addition, the Parties mutually agree that Operator will pay liquidated damages of [REDACTED] per day for any such violation of or non-compliance with the Exhibit C design measures and BMPs.

7. As-Built Information

No later than 90 days after completion of construction of the well site, Production Facilities, access roads and pipelines, individually or together, or concurrently upon an Operator's submission of an As-Built Survey to the COGCC, whichever is earlier, the Operator shall provide the State Land Board with a certified plat showing the actual dimensions of the Operations Area and the Access Corridor and the total number of acres disturbed ("As-Built Survey"). Should the operator need to use lands to conduct additional operations outside of the area defined in the As-Built Survey, the Operator must obtain written approval from the State Land Board and the State Land Board can require a new As-Built Survey to include the additional acreage being used.

8. Operational Standards

At all times the Operator and its Contractors shall enter and use the Property, including the Operations Area, and shall conduct all Operations thereon, in a good, careful, safe, and workmanlike manner, in compliance with applicable state rules and regulations including those of the COGCC, the Colorado Air Quality Control Commission and any other State or Federal agency with jurisdiction over Operations, the applicable oil and gas lease(s), and this Agreement. Operator shall strive to identify and use the best management practices then available for surface management of oil and gas operations. The term "Contractors" shall include any third party and its employees, agents and affiliates that are retained, engaged or employed by the Operator to conduct Operations on the Property.

- A. Limitation - The Operator shall use the Operations Area only for Operations as depicted and detailed on Exhibit A. No Operations, compressors, pipelines, powerlines, access roads, facilities, and equipment beyond those provided for on Exhibit A are allowed without the prior written consent of the State Land Board, except for Emergency Situations.

- B. Compliance - Operator shall inform all Contractors of the standards contained herein. Should any Contractor fail to comply with Operator's obligations set forth herein, Operator shall be responsible and liable to the State Land Board for resulting damages.
- C. Road standards - To the extent technically feasible, as agreed to by the Parties, Operator shall use existing roads to access the Operations Area and Access Corridor, except for Emergency Situations.
- I. Access roads shall be limited to approximately thirty-feet, being fifteen feet on each side of the centerline, and shall be constructed along the boundary lines of the Property, or along the section lines of the Property, to the extent technically feasible, as agreed by the Parties.
 - II. Culverts shall be installed at ditch and drainage crossings, and shall be sized to prevent obstruction to the free flow of the volumes of water being carried, inclusive of flood stages. If existing culverts are damaged or destroyed Operator agrees to promptly repair or replace such culverts.
 - III. Upon the State Land Board's written request, the Operator shall construct cattle guards at all places where Operator requires access through the State Land Board's fences. Permanent gates shall be installed at each point where an access road intersects perimeter or cross fences. If the State Land Board or Operator elects to lock any gate on the access road, keys shall be provided to the other party.
 - IV. All access roads shall be kept and maintained free from ruts. Access roads shall be compacted and an adequate amount of crushed aggregate and lighter gravel shall be added on top of the surface of the access road to minimize rutting and damage to the surface.
 - V. During dry months, Operator shall apply fresh water (or water to a standard suitable for irrigation purposes) to the surface of the access roads to reasonably limit dissemination of dust.
 - VI. The use and construction of any access roads shall not include a right of use by the general public. Operator shall be responsible for maintaining all access roads and any existing roads utilized by Operator, at Operator's sole cost and expense.
 - VII. Operator shall impose a reasonable speed limit, not to exceed twenty miles per hour on the access road, and Operator shall be responsible for all traffic on the access road occurring in connection with Operations, including without limitation any damage to livestock or growing crops.
- D. Water Protection - Operator shall protect all water sources and conveyance structures, and test water quality in accordance with COGCC rules and regulations. All water sampling and testing shall be completed at Operator's expense by a reputable testing consultant selected by the

Operator.

- E. Fencing - To exclude livestock, upon the State Land Board's request, Operator shall fence any drill site, or if production is established, any well site, with a wildlife friendly four strand wire fence secured by posts at appropriate intervals. Pits must be separately fenced and netted according to the State Land Board's specifications to protect birds and wildlife. Final fencing materials shall be determined based on best management practices for the protection of wildlife agreed to by the Parties.
- F. Production Containment - Operator will install and maintain steel containment rings around production tanks and associated facilities, and install steel berms and an impervious synthetic liner within bermed areas and use best management practices to prevent any hydrocarbon substances from infiltrating soil or ground water.
- G. Buried Pipelines - Operator shall bury all pipelines to a minimum depth of 36 inches.
- H. Additional Surface Installations - At the State Land Board's request, Operator shall install additional screening, fencing, and landscaping around a wellsite to minimize noise and aesthetic impacts.
- I. Prohibited Activities - The Operator and its Contractors may not hunt, fish, or possess firearms, alcoholic beverages, or illegal drugs on the Property.
- J. Weed Control - The Operator shall keep the Operations Area and Access Corridor free of weeds as required by COGCC Rule 1003(f). Noxious weeds shall be sprayed within two (2) weeks of any request by the State Land Board for such spraying.
- K. Trash and Debris - Operator shall keep the Operations Area free from trash and debris and shall provide for periodic removal of all trash and debris from the Operations Area.
- L. Erosion Control - If the State Land Board identifies portions of the Property where Operations have caused erosion Operator agrees to take reasonable measures to control erosion, including without limitation installation of soil berms or diversions, mulching, seeding or soil binders.
- M. Storage Prohibited - The Operator shall not store any oil and gas equipment, machinery, vehicles, pipe or other item on the Operations Area that is not required in connection with Operations, without the prior written consent of the State Land Board.
- N. Unmanned Aerial Systems - The State Land Board maintains the right to access, inspect and monitor the Leased Land at all reasonable times, utilizing all reasonable means and methods, including but not limited to gate counters, game cameras and Unmanned Aerial Systems (UAS). The use of UAS will be in accordance with applicable Federal Aviation Administration (FAA) rules and regulations. The Operator shall cooperate with the State Land Board and will not interfere with all reasonable means and methods of access, inspection and monitoring,

including the State Land Board's actions necessary to comply with FAA rules and regulations.

9. Reclamation

Prior to initiating reclamation activities, Operator agrees to consult with the State Land Board. The Operator shall reclaim the Operations Area and the Access Corridor(s) and other associated impacted State Land Board-owned land for damages resulting from the Operator's Operations, at its sole expense as nearly as practicable to its original condition. Interim and final reclamation shall be to the satisfaction of the State Land Board and shall, at a minimum, comply with all appropriate reclamation regulations, including COGCC Reclamation Regulation Series 1000 and Series 1100, and any more stringent reclamation regulations adopted by the COGCC while this Agreement is in effect. Additional interim and final reclamation requirements and standards, if any, are attached hereto as Exhibit D.

The existence of this Agreement shall not relieve the Operator of its obligation to fully comply with all of the COGCC Rules.

10. Other Lessees

Subject to Section 1 of this Agreement, Operator acknowledges that the State Land Board may have granted rights of surface use to additional third-parties. The State Land Board will provide Operator, upon request from the Operator, with the necessary information regarding any rights granted to additional third-parties. The Operator must use reasonable efforts to minimize the impact of its Operations on the other surface lessees and their surface use(s).

11. Assignment

This Agreement is assignable, in whole or in part, by either party, subject to the following:

- A. The Operator may assign this Agreement in whole or in part with written consent of the State Land Board. Such consent will not be unreasonably withheld. The Operator may assign its rights in the Agreement only following written disclosure to the assignee of the existence of this Agreement, and such assignment must be expressly subject to the assignee's assumption of all terms, conditions and obligations of this Agreement.
- B. The State Land Board may assign or convey its interest in the Property or any portion thereof only following written disclosure to the assignee of the existence of this Agreement, and such assignment or conveyance must be expressly subject to all terms and conditions of this Agreement, and the assumption by such assignee or grantee of all obligations of the State Land Board under this Agreement.

12. Successors and Assigns

When the word Operator is used in this Agreement, it shall also mean the successors and assigns of the Operator, including but not limited to its employees and officers, agents, affiliates, Contractors, subcontractors and/or purchasers. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the Parties.

13. Confidentiality

The existence and terms of this Agreement may be a public record and subject to the Colorado Open Records Act ("CORA"), C.R.S. § 24-72-200.1, et. seq. Data, maps, surveys, and other information prepared by or furnished to the State Land Board pursuant to this Agreement are subject to the confidentiality provisions of C.R.S. § 36-1-138(2). The Operator may record a memorandum or redacted form evidencing the existence of this Agreement.

14. Governing Law/Venue

This Agreement shall be interpreted according to the laws of the State of Colorado. Venue for any dispute shall be the City and County of Denver.

15. Written Modifications

This Agreement, including its Exhibits, may only be amended in writing signed by both Parties. All notices to either party shall be in writing addressed to the Parties at the address first set forth below.

16. Notices

Any notice or other communication given by either party to the other relating to this Agreement shall be in writing, delivered by U.S. mail or sent by reputable overnight courier, to such other party at the respective addresses set forth in this Agreement (or at such other address as may be designated from time to time by written notice given in the manner provided in this Agreement). If sent by certified mail, return receipt requested, such notice shall be deemed effective on receipt.

If to the State Land Board:

Colorado State Board of Land Commissioners
Attention: Oil and Gas Leasing Manager
1127 Sherman St., #300
Denver, CO 80203

If to Operator:

Bison Oil & Gas II, LLC
518 17th Street, Suite 1800
Denver, CO 80202

17. Governmental Immunity

Liability for claims or injuries to persons or property arising from the negligence of the State of Colorado, its departments, institutions, agencies, boards, officials, and employees is controlled and limited by the provisions of the Governmental Immunity Act, C.R.S. § 24-10-101 et seq., and the risk management statutes, C.R.S. § 24-30-1501 et seq., as amended. No term or condition of this Agreement will be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protections, or other provisions, of the Governmental Immunity Act as applicable now or hereafter amended.

18. Indemnification

The Operator assumes all liability arising from the use, occupation or control of the Property by Operator under this Agreement. This assumption includes, but is not limited to, liability for all personal injuries (including death) and environmental and property damage and destruction. The Operator agrees to defend, indemnify and hold harmless the State Land Board from and against any and all liabilities, losses, damages, liens, expenses, claims, demands, debts, obligations, fines, penalties, suits or actions, judgments, and costs of any kind whatsoever arising from the use, occupation or control of the Property, caused by any act, omission or neglect of Operator, or Operator's employees, agents, guests, invitees, contractors or assigns. The Operator further agrees to indemnify the State Land Board for any costs, including costs of suit and fees for consultants, experts, and attorneys, incurred by the State Land Board in terminating or canceling, enforcing obligations or defending itself against any matter arising under this Agreement caused or permitted by Operator or Operator's employees, agents, guests, invitees, contractors or assigns. This provision shall survive termination, cancellation or relinquishment of this Agreement and any cause of action by the State Land Board to enforce it shall not be deemed to accrue until the State Land Board's actual discovery of said liability, claim, loss, damage, or exposure. This indemnity is in addition to any other indemnity provided for in this Agreement. The Operator will not be responsible for any liability caused by persons granted other uses of the Property by the State Land Board.

19. Insurance

The Operator, at its sole cost and expense, shall during the entire term of this Agreement procure, pay for and keep in full force and effect an occurrence based general liability insurance policy from an insurance carrier licensed to do business in Colorado, in an amount not less than [REDACTED] per occurrence and [REDACTED] aggregate. The Operator, at its sole cost and expense, shall during the entire term of this Agreement procure, pay for and keep in full force and effect a property insurance policy from an insurance carrier licensed to do business in Colorado covering all insurable improvements owned by the State Land Board located on the Property in an amount not less than necessary to cover the replacement cost. All policies shall name the State Land Board as an additional insured, shall provide that the coverage is primary and noncontributory over any other insurance coverage available to the State Land Board, its agents and employees and shall include a clause waiving all rights of recovery, under subrogation or otherwise against the State Land Board, its agents and employees. Failure to buy and maintain the required insurance is a default of this Agreement. Before starting work under this Agreement, Operator shall, at the State Land Board's request, furnish a certificate of liability insurance, referencing the agreement number and reflecting the above requirements. The State Land Board may alter any requirements of this section to meet the requirements of the Colorado Governmental Immunity Act or any requirements determined by the Colorado Office of Risk Management.

20. Bond

Without impacting the requirements of the COGCC, prior to accessing the Property and commencing construction and Operations, the State Land Board will require Operator to file a good and sufficient bond in the initial minimum amount of [REDACTED] securing the state against loss of rents or other loss or waste, or occupation of the land for more than thirty days after the cancellation or expiration of the lease by Operator, on up to five acres of the Property. The Bond amount will increase at a rate of [REDACTED] per acre or fraction thereof for surface disturbance and damage in excess of five acres. The Operator may satisfy this individual lease bond obligation by maintaining a blanket bond with Lessor in an amount determined by Lessor. The State Land Board may accept cash, a surety bond, or a bank irrevocable letter of credit and will require that such bond be held in full force and effect after the termination or expiration of this Agreement until such time that the State Land Board has approved final reclamation of the Operations Area. The State Land Board agrees to take into account any additional bonding requirements imposed for the protection of the surface estate, provided there is no obligation that the State Land Board will reduce the bond amount.

21. Default and Remedies

- A. In addition to any defaults specified in other sections of this Agreement, the failure of Operator to comply with or to perform any of its obligations under this Agreement in whole or in part or in a timely or satisfactory manner may constitute a default.
- B. The State Land Board may also determine the Operator is in default any time the COGCC issues to the Operator a Notice of Alleged Violation relating to the Operator's Operations on or connected to the Property.
- C. The State Land Board shall promptly notify the Operator in writing of any default under this Agreement. Operator shall immediately commence and diligently pursue action calculated to cure the claimed default and prosecute such action as necessary to fully remedy and cure such default to the reasonable satisfaction of the State Land Board within 60 days after service of written default notice. Operator will contact the State Land Board within 10 days after service of written notice to the Operator by the State Land Board if the cure will reasonably require

more than 60 days to complete or if concurrent corrective actions required by the COGCC may require an extension to the 60 day cure period.

- D. If Operator fails to cure the default as provided in this Paragraph 20.C., the State Land Board may:
- I. Declare this Agreement terminated and the Operator shall surrender and peaceably deliver to the State Land Board the Property and the Operations Area, in accordance with and subject to the terms of this Agreement, and such Property shall be in good condition.
 - II. Require the Operator to pay [REDACTED] per day of the Default as Liquidated Damages commencing on the date that the Default occurs and ending on date that the Operator has fully remedied and cured the default to the reasonable satisfaction of the State Land Board or when the Parties have otherwise reached an agreement to settle the default. Whenever Liquidated Damages are available in this Agreement, the Parties have agreed that the State Land Board's actual damages, in the event of the Operator's Default, would be extremely difficult or impracticable to determine. After negotiation, the Parties have agreed that, considering all the circumstances existing on the date of this Agreement, this amount is a reasonable estimate of the damages that the State Land Board would incur in such event. Each party specifically confirms the accuracy of the statements made above and each party has had the opportunity to be represented by counsel to explain, at the time this Agreement was made, the consequences of this Liquidated Damages provision. The Parties represent that they have either retained legal counsel, or have declined to do so.
 - III. Enforce the terms of this Agreement through specific performance.
 - IV. Seek damages for the failure to comply with the terms of this Agreement.
 - V. Require payment from the bond required in Paragraph 19.
 - VI. Seek all other available remedies in law and equity.
- E. The State Land Board's rights and remedies, including those not specifically described, available in law or equity shall be cumulative, and the State Land Board may pursue any or all of such rights and remedies at the same time or separately. Nothing in this Paragraph 20 relieves the Operator of any responsibility for the final reclamation of the Property and the Operations Area and the Access Corridors, or the requirement to comply with all COGCC rules and regulations.

22. Title and Condition

The Operator enters into this Agreement with the Property in its "as is" condition with all faults, including the environmental condition of the Property. The State Land Board makes, and the Operator affirms that the State Land Board has made no representations or warranties, express or implied, of any kind whatsoever with regard to the title or condition of the Property or its fitness or suitability for any particular use. The Operator acknowledges that it is solely responsible for performing its own due diligence and for becoming fully familiar with the title, encumbrances and

condition of the Property and any applicable restrictions, uses, or other conditions that might affect the Operator's development or use for a particular purpose.

23. Force Majeure

If performance of this Agreement or of any obligation hereunder is prevented or substantially restricted or interfered with by reason of an event of "Force Majeure" (defined below), the affected party, upon giving notice to and receiving approval from the other party, shall be excused from such performance to the extent of and for the duration of such prevention, restriction or interference for a period not to exceed ten (10) years, provided Force Majeure shall not excuse the obligation to timely pay the Annual Payment that shall continue to be due as set forth herein. The affected party shall use its reasonable efforts and due diligence to avoid or remove such causes of nonperformance, and shall continue performance hereunder whenever such causes are removed. "Force Majeure" means flood, drought, earthquake, storm, fire, tornado, lightning, windstorm, unusually inclement weather or other natural catastrophe; acts of God, casualty or accident; war, sabotage, vandalism, civil strife or other violence; strikes or labor disputes; or any law, order, proclamation, regulation, ordinance, action, demand or requirement of any government agency or utility. Such determination of Force Majeure shall be at the State Land Board's reasonable sole discretion.

24. No Partnership or Joint Venture

This Agreement does not create any agent-principal or principal-agent relationship, joint venture, partnership, or other similar relationship between the State Land Board and the Operator, and neither party shall have the power to bind the other except as expressly set forth in this Agreement.

25. Partial Invalidity

If any term, covenant, condition or provision of this Agreement or the application thereof to any person or circumstance shall at any time or to any extent be invalid or unenforceable, the remainder of this Agreement or the application of such term or provision to persons or circumstances other than those to which it is held invalid or unenforceable shall not be affected and each term, covenant, condition and provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

26. Severability and Survival of Terms

No waiver of any right under this Agreement shall be effective for any purpose unless in writing signed by the party possessing the right, and no such waiver shall be construed to be a waiver of any subsequent provision, right, or term of this Agreement. Failure of the State Land Board or the Operator to complain of any act or omission on the part of the other party, no matter how long the same may continue, shall not be deemed to be a waiver of any of its rights under this Agreement. No waiver by the State Land Board or the Operator at any time, express or implied, of any breach of any provision of this Agreement shall be deemed a waiver of a breach of any other provisions of this Agreement or a consent to any subsequent breach of the same or any other provision.

27. Entire Agreement

This Agreement and all addenda, exhibits, and schedules attached hereto, contains the entire agreement with respect to the subject matter. No oral statement or prior written matter shall have any force or effect, with an exception being for a separate Right of Way ("ROW") agreement. The

Operator agrees that it is not relying on any representations or agreements other than those contained in this Agreement.

28. Counterpart signatures

This Agreement may be executed in duplicate counterparts, each of which shall be considered an original, but both of which shall constitute one and the same instrument. This agreement shall be binding on all signers whether or not signed by the other party.

29. Rules and Laws

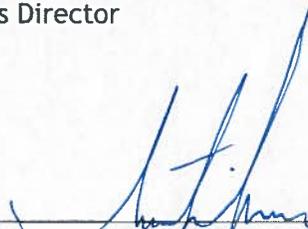
The terms and conditions of this Agreement shall be performed and exercised subject to all applicable federal, state, and local laws, rules, regulations, orders, local ordinances or resolutions applicable to and binding upon the administration of lands owned by the State of Colorado, and to laws, rules and regulations governing oil and gas operations in Colorado, including, but not limited to, the rules and regulations of the COGCC. The Operator must immediately forward any notice of noncompliance of violation related to Operations on the Property to the State Land Board. Should the Operator have a good faith dispute with any local government or authority, other than the State Land Board, regarding the application of a rule, regulation, ordinance, order or ruling, the State Land Board shall not consider the good faith contest or appeal of such rule, regulation, ordinance, order or ruling a violation of this Agreement while any appeal or other recognized legal or administrative process is pending to resolve the dispute.

The State Land Board shall approve all COGCC required waivers that are consistent with the terms of this Agreement and the Exhibit A Operations on the Operations Area. Waivers for operations outside of or in conflict with this Agreement may be approved at the State Land Board's absolute and sole discretion.

AGREED TO AND ACCEPTED AS OF THE DATE FIRST WRITTEN ABOVE.

The State Land Board: Colorado State Board of Land Commissioners

By: 
Printed Name: Christel Koranda
Title: Minerals Director

Operator: 

By: Austin Akers - Bison Oil & Gas II, LLC
Printed Name: _____
Title: CEO

**SURFACE USE AGREEMENT
OT 112505**

**EXHIBIT A
OPERATIONS, OPERATIONS AREA AND ACCESS CORRIDOR(S)**

**EXHIBIT B
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**EXHIBIT C
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Page 16-17	Multi well plan
Page 18-28	Plats (all wells)

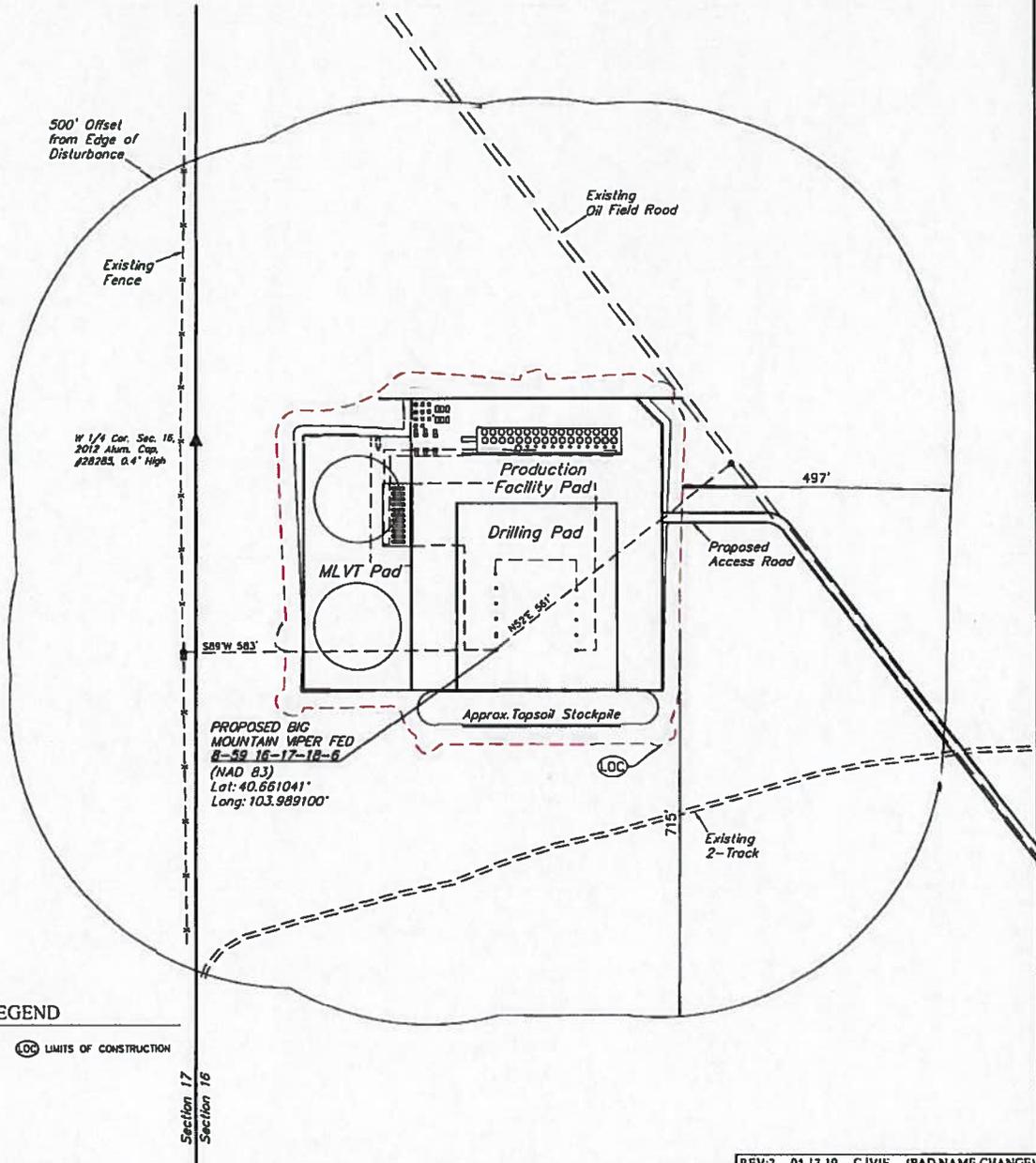
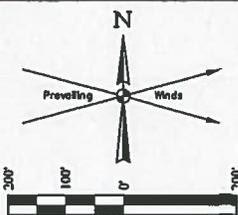
Exhibit B

Page 29	Surface use agreement pay table
Page 30-31	Payment calculators

Exhibit C

Page 32	CPW review letter
Page 33	CNHP review letter

Exhibit A



BMP LEGEND

--- LOC LIMITS OF CONSTRUCTION

REV:2 04-17-19 C.IVIE (PAD NAME CHANGE)

PLANT COMMUNITY	
<input type="checkbox"/>	DISTURBED GRASSLAND
<input type="checkbox"/>	NATIVE GRASSLAND
<input type="checkbox"/>	SHRUB LAND
<input type="checkbox"/>	PLAINS RIPARIAN
<input type="checkbox"/>	MOUNTAIN RIPARIAN
<input type="checkbox"/>	FOREST LAND
<input type="checkbox"/>	WETLANDS AQUATIC
<input type="checkbox"/>	ALPINE
<input type="checkbox"/>	OTHER (Describe)

CURRENT LAND USE					
CROP LAND:	<input type="checkbox"/> IRRIGATED	<input type="checkbox"/> DRY LAND	<input type="checkbox"/> IMPROVED PASTURE	<input type="checkbox"/> HAY MEADOW	<input type="checkbox"/> CRP
NON-CROP LAND:	<input type="checkbox"/> RANGELAND	<input type="checkbox"/> TIMBER	<input type="checkbox"/> RECREATIONAL	<input type="checkbox"/> OTHER (Describe)	
SUBDIVIDED:	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> RESIDENTIAL		

FUTURE LAND USE					
CROP LAND:	<input type="checkbox"/> IRRIGATED	<input type="checkbox"/> DRY LAND	<input type="checkbox"/> IMPROVED PASTURE	<input type="checkbox"/> HAY MEADOW	<input type="checkbox"/> CRP
NON-CROP LAND:	<input type="checkbox"/> RANGELAND	<input type="checkbox"/> TIMBER	<input type="checkbox"/> RECREATIONAL	<input type="checkbox"/> OTHER (Describe)	
SUBDIVIDED:	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> RESIDENTIAL		

NOTES:

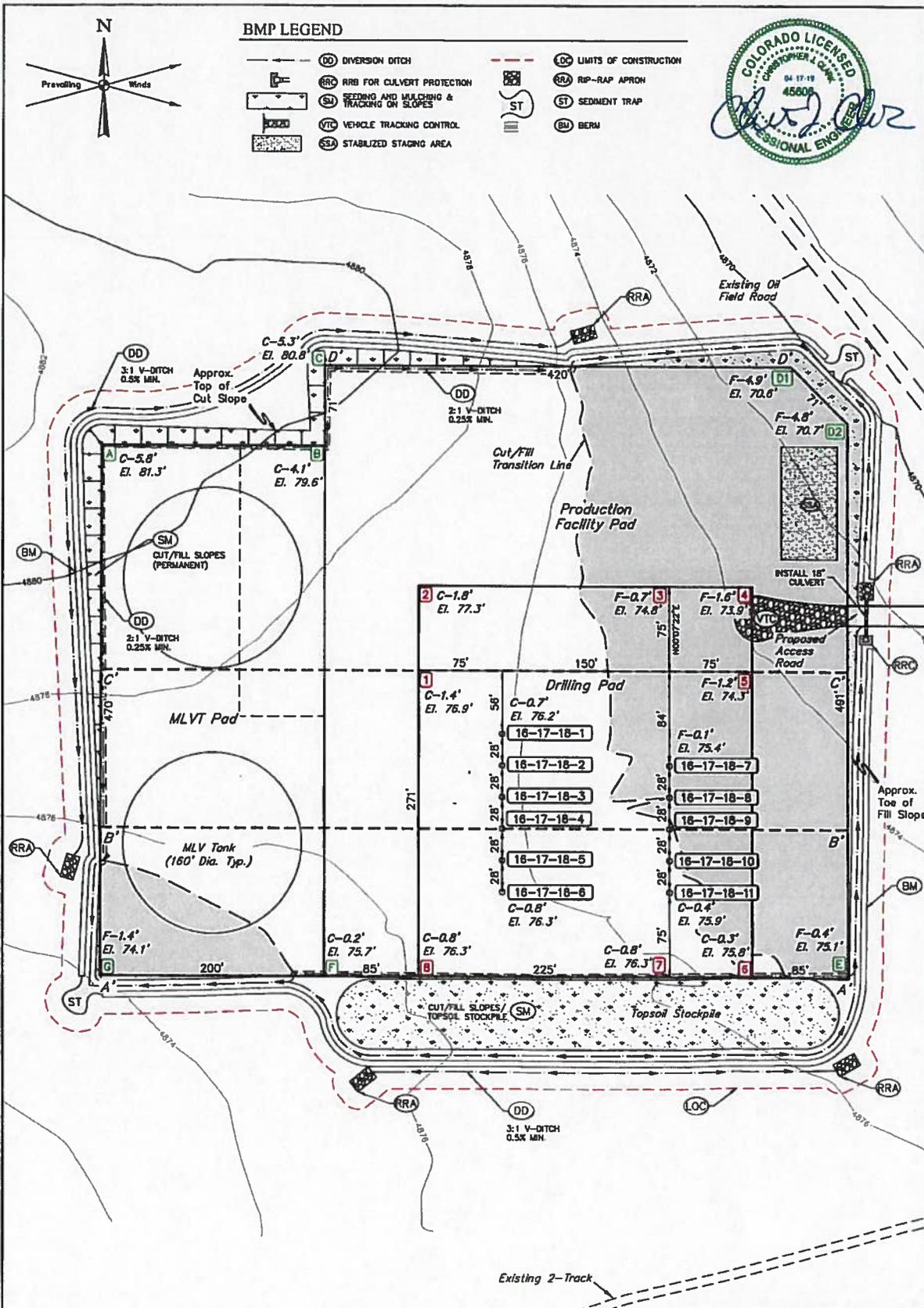
BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO



UELS, LLC
Corporate Office • 85 South 200 East
Vernal, UT 84078 • (435) 789-1017

SURVEYED BY	CIAD MEIERS, O.R.	03-15-19	SCALE
DRAWN BY	K.B.	03-19-19	1" = 200'
LOCATION DRAWING		FIGURE #1	



REV: 04-17-19 C.IVIE (PAD NAME CHANGE)

FINISHED GRADE ELEVATION = 4875.5'

NOTE: Earthwork calculations require a fill @ some location stakes for balance. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

NOTES:

- Construct diversion ditches as needed.
- Contours shown at 2' intervals.
- Cut/Fill slopes 3:1 (Typ.).

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BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

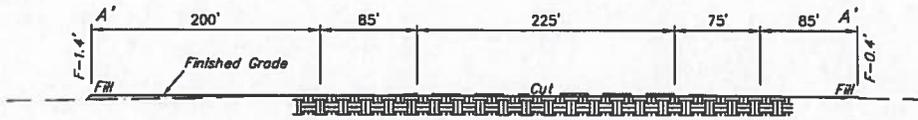
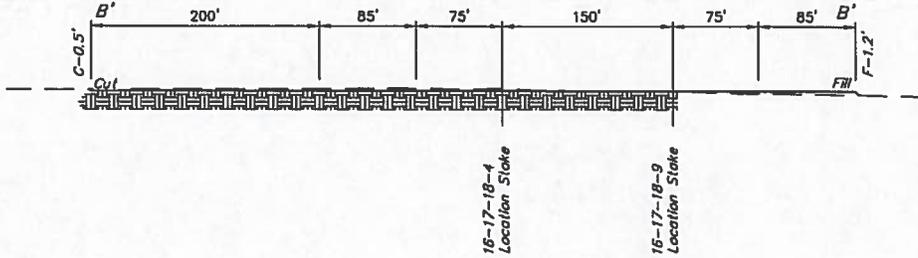
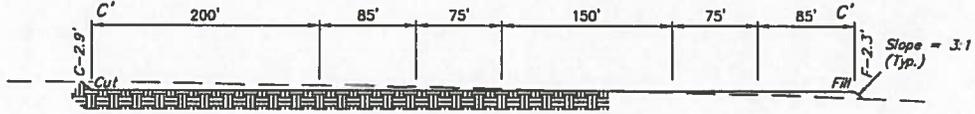
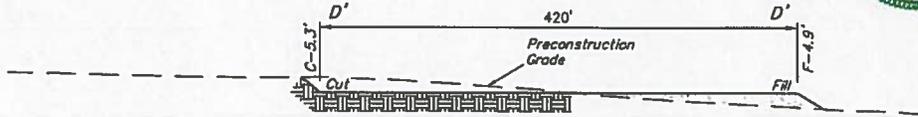
SURVEYED BY	CHAD MEIERS, O.R.	03-13-19	SCALE
DRAWN BY	CIVIE	03-29-19	1" = 80'

CONSTRUCTION LAYOUT FIGURE #1

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1" = 40'
 X-Section
 Scale
 1" = 100'



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	6,750 Cu. Yds.
REMAINING LOCATION	9,850 Cu. Yds.
TOTAL CUT	16,600 Cu. Yds.
FILL	9,850 Cu. Yds.
EXCESS MATERIAL	6,750 Cu. Yds.
TOPSOIL	6,750 Cu. Yds.
EXCESS UNBALANCE (After Material Rehabilitation)	0 Cu. Yds.

APPROXIMATE WELL SITE DISTURBANCE AREAS	
USEABLE PAD DISTURBANCE	ACRES ±7.966
CONSTRUCTION DISTURBANCE	±3.064
TOTAL WELL SITE DISTURBANCE	±11.030

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±11.030
30' WIDE PROPOSED ACCESS ROAD R-O-W DISTURBANCE	±207'	±0.143
30' WIDE EXISTING ACCESS ROAD R-O-W DISTURBANCE	±5007'	±3.448
TOTAL SURFACE USE AREA		±14.621

- NOTES:**
- Fill quantity includes 10% for compaction.
 - Calculations based on 6" of topsoil stripping.
 - Cut/Fill slopes 3:1 (Typ.).

REV:1 04-17-19 C.IVIE (PAD NAME CHANGE)

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO



UELS, LLC
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SURVEYED BY	CHAD MEIERS, O.R.	03-13-19	SCALE
DRAWN BY	C.IVIE	03-29-19	AS SHOWN

CONSTRUCTION LAYOUT CROSS SECTIONS **FIGURE #2**

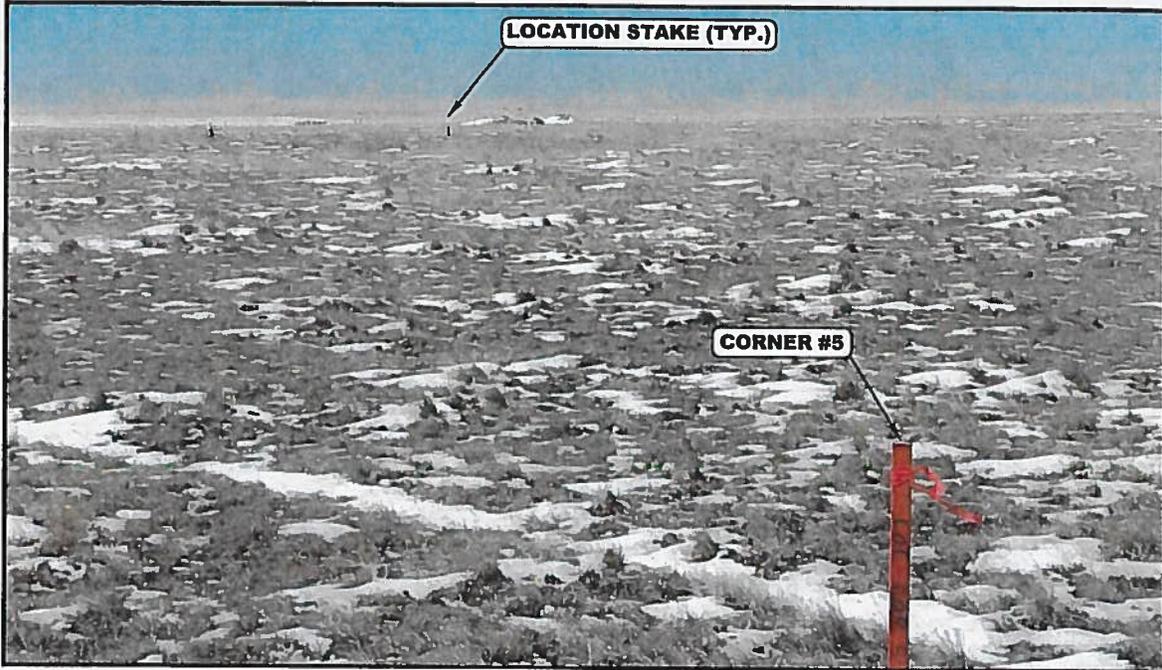


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY

REV: 1 04-17-19 CIVIE (PAD NAME CHANGE)

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO



UELS, LLC
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TAKEN BY	C.M., O.R.	03-15-19	
DRAWN BY	J.L.G.	03-21-19	

LOCATION PHOTOS

PHOTO 1

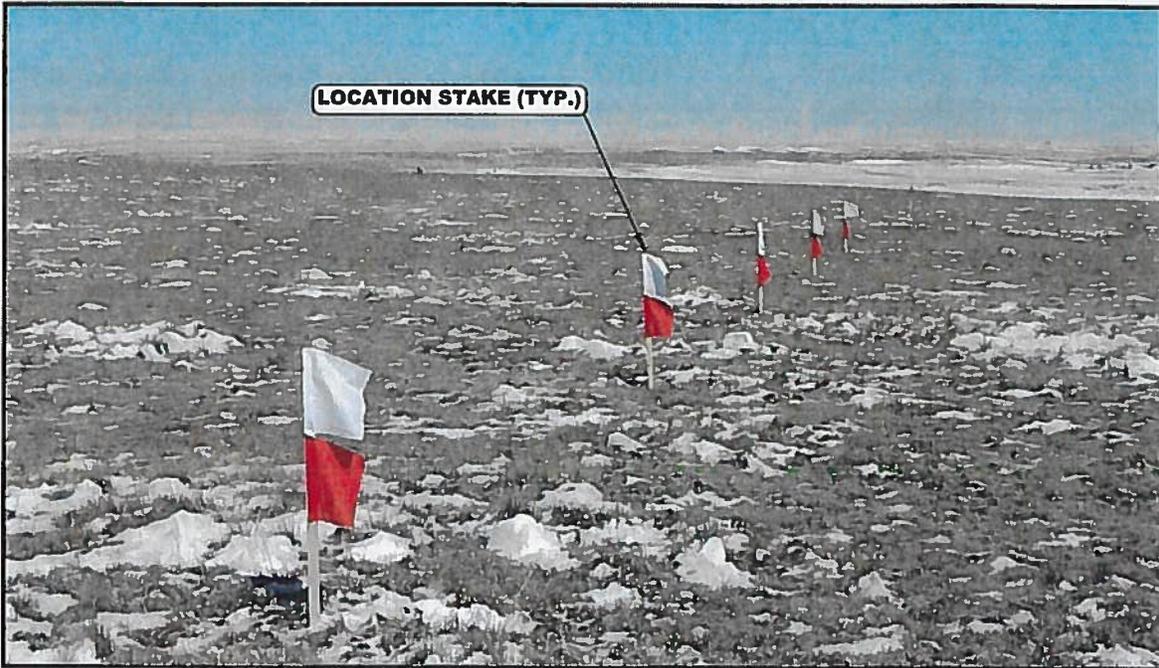


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: NORTHERLY

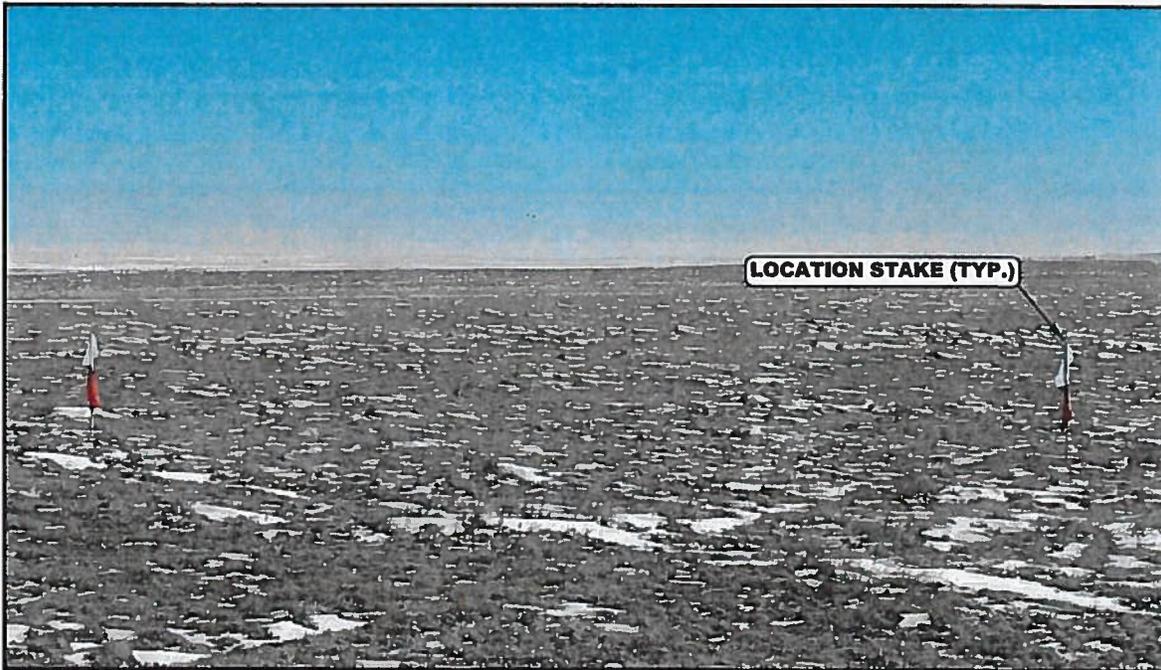


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: EASTERLY

REV: 1 04-17-19 C.IVIE (PAD NAME CHANGE)

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO



UELS, LLC
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TAKEN BY	C.M., O.R.	03-15-19	
DRAWN BY	J.L.G.	03-21-19	
LOCATION PHOTOS			PHOTO 2

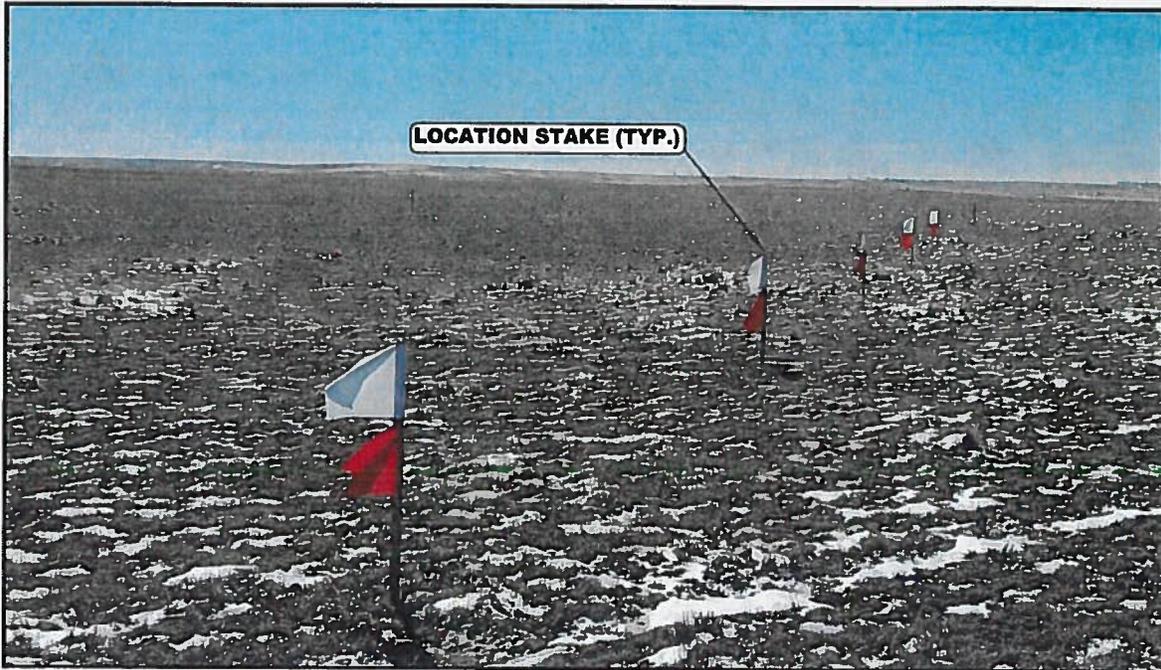


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: SOUTHERLY

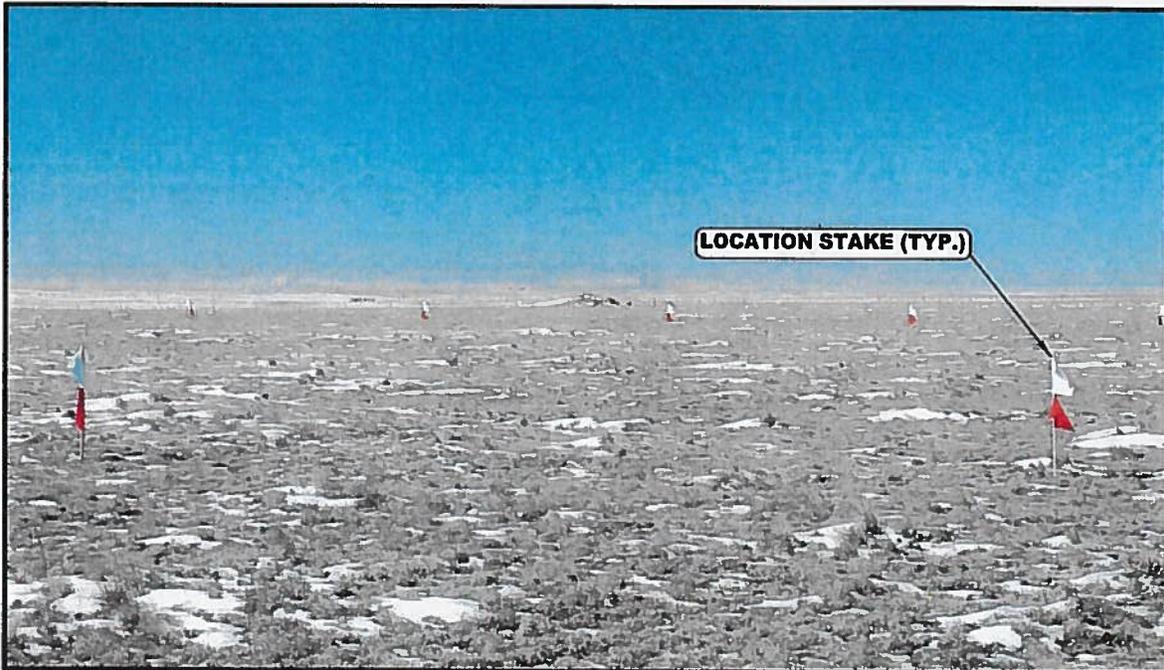


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: WESTERLY

REV: 1 04-17-19 C.IVIE (PAD NAME CHANGE)

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO

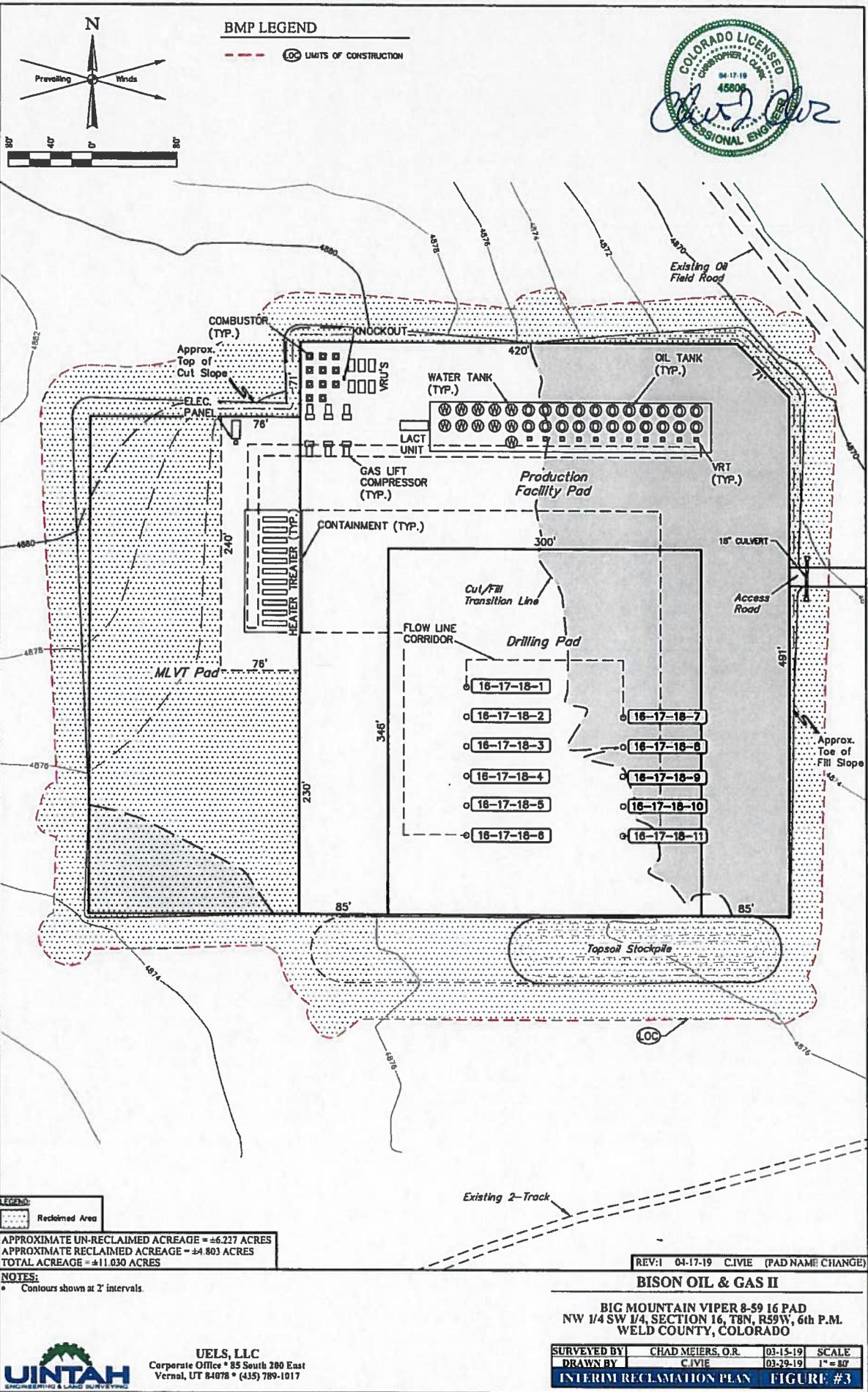


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TAKEN BY	C.M., O.R.	03-15-19	
DRAWN BY	J.L.G.	03-21-19	

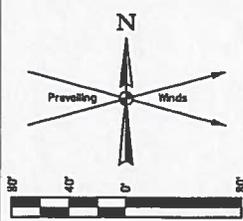
LOCATION PHOTOS

PHOTO 3



BMP LEGEND

--- LIMITS OF CONSTRUCTION



Legend:
 [Dotted Area] Reclaimed Area

APPROXIMATE UN-RECLAIMED ACREAGE = ±6.227 ACRES
 APPROXIMATE RECLAIMED ACREAGE = ±4.803 ACRES
 TOTAL ACREAGE = ±11.030 ACRES

NOTES:
 • Contours shown at 2' intervals.

REV:1 04-17-19 C.VIE (PAD NAME CHANGE)

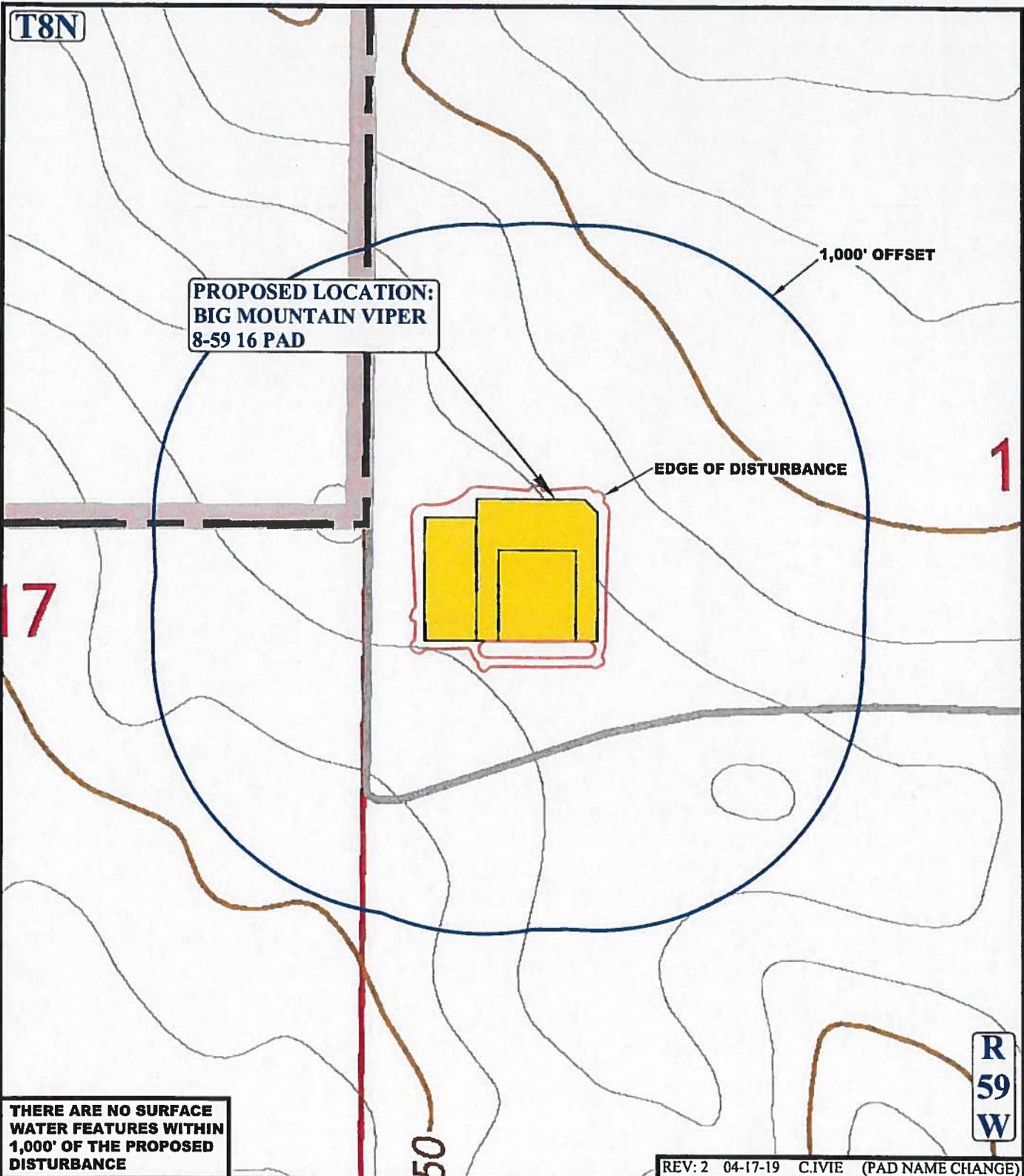
BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, O.R.	03-15-19	SCALE
DRAWN BY	C.VIE	03-29-19	1" = 80'
INTERIM RECLAMATION PLAN		FIGURE #3	

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**PROPOSED LOCATION:
BIG MOUNTAIN VIPER
8-59 16 PAD**

1,000' OFFSET

EDGE OF DISTURBANCE

**THERE ARE NO SURFACE
WATER FEATURES WITHIN
1,000' OF THE PROPOSED
DISTURBANCE**

REV: 2 04-17-19 C.IVIE (PAD NAME CHANGE)

LEGEND:

- 1000' OFFSET BOUNDARY
- EDGE OF DISTURBANCE



BISON OIL & GAS II

**BIG MOUNTAIN VIPER 8-59 16 PAD
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO**

SURVEYED BY	C.M., O.R.	03-15-19	SCALE
DRAWN BY	J.L.G.	03-21-19	1 : 6,000
HYDROLOGY MAP			TOPO W



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PROCEED IN A WESTERLY DIRECTION FROM RAYMER, COLORADO ALONG HIGHWAY 14 APPROXIMATELY 7.5 MILES TO THE JUNCTION OF THIS ROAD AND COUNTY ROAD 115 TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE WEST FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 5,214' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM RAYMER, COLORADO TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 11.1 MILES.

REV: 1 04-17-19 C.IVIE (PAD NAME CHANGE)

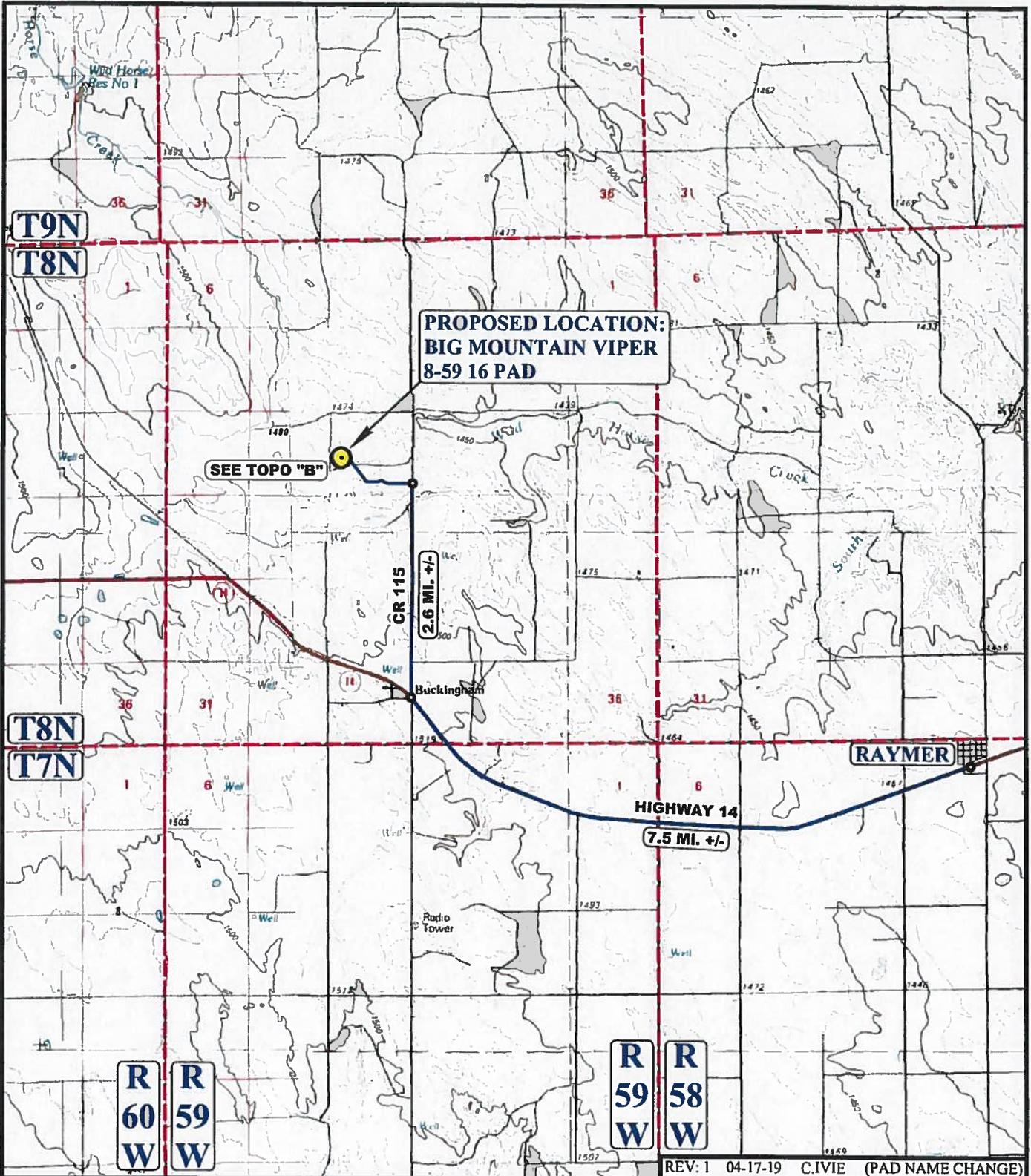
BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

SURVEYED BY	C.M., O.R.	03-15-19	
DRAWN BY	J.L.G.	03-21-19	
ROAD DESCRIPTION			



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REV: 1 04-17-19 C.IVIE (PAD NAME CHANGE)

LEGEND:
 PROPOSED LOCATION



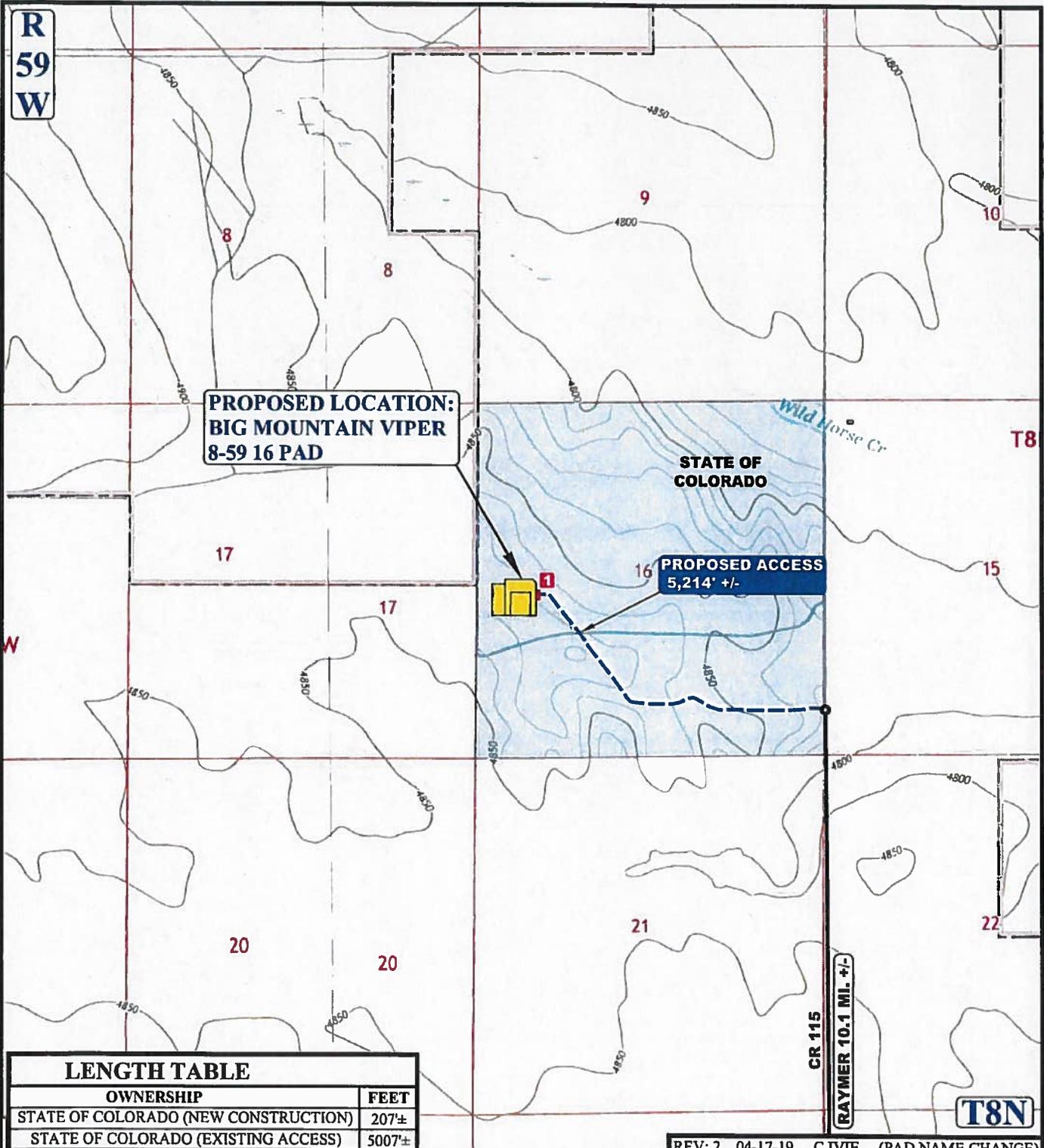
BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO



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SURVEYED BY	C.M., O.R.	03-15-19	SCALE
DRAWN BY	J.L.G.	03-21-19	1 : 100,000
ACCESS ROAD MAP			TOPO A



**PROPOSED LOCATION:
BIG MOUNTAIN VIPER
8-59 16 PAD**

**STATE OF
COLORADO**

**PROPOSED ACCESS
5,214' +/-**

LENGTH TABLE

OWNERSHIP	FEET
STATE OF COLORADO (NEW CONSTRUCTION)	207±
STATE OF COLORADO (EXISTING ACCESS)	5007±

REV: 2 04-17-19 C.IVIE (PAD NAME CHANGE)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

- LEGEND:**
- EXISTING ROAD
 - PROPOSED
 - INSTALL 18" CULVERT

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO



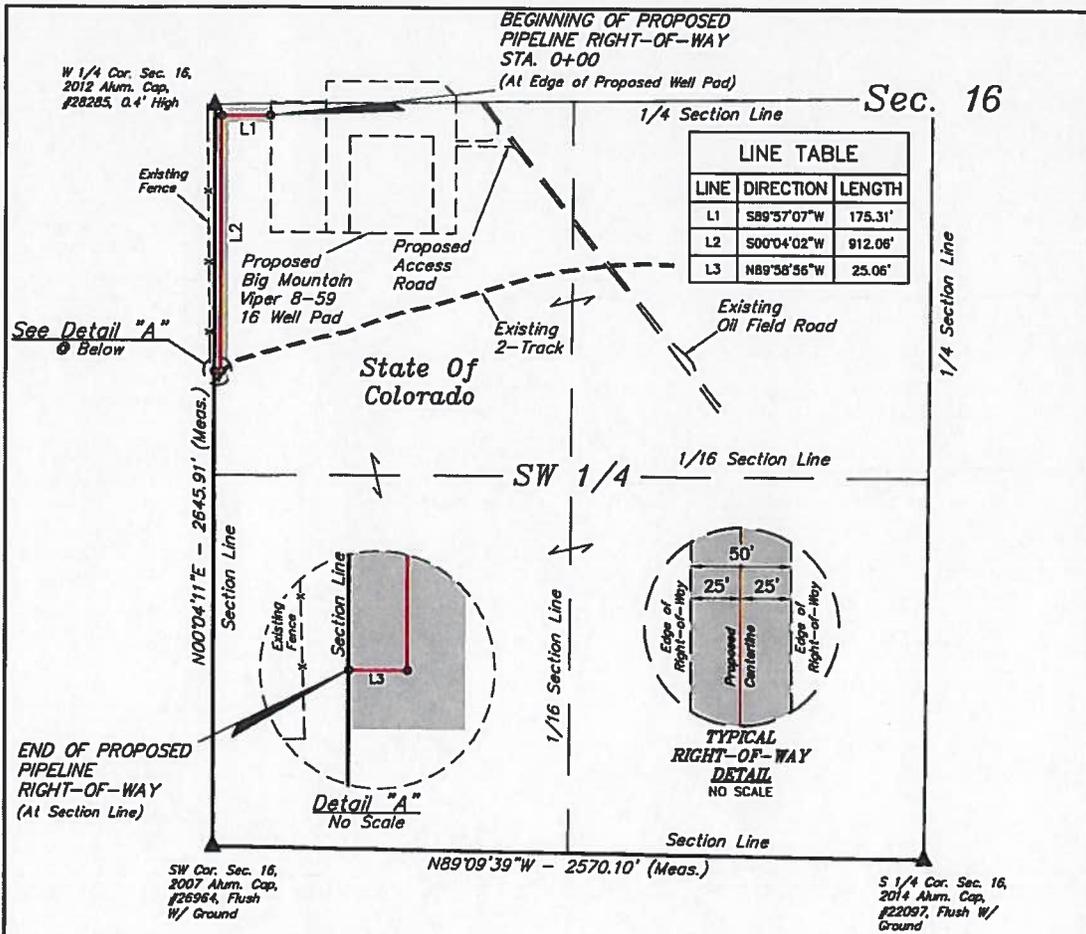
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Vernal, UT 84078 * (435) 789-1017



SURVEYED BY	C.M., O.R.	03-15-19	SCALE
DRAWN BY	J.L.G.	03-21-19	1 : 24,000

ACCESS ROAD MAP

TOPO B



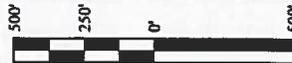
PIPELINE RIGHT-OF-WAY DESCRIPTION

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SW 1/4 OF SECTION 16, T8N, R59W, 6th P.M., WHICH BEARS S79°04'02"E 203.98' FROM THE WEST 1/4 CORNER OF SAID SECTION 16, THENCE S89°57'07"W 175.31'; THENCE S00°04'02"W 912.06'; THENCE N89°58'56"W 25.06' TO A POINT ON THE WEST LINE OF THE NE 1/4 SW 1/4 OF SAID SECTION 16, WHICH BEARS S00°04'11"W 950.88' FROM THE WEST 1/4 CORNER OF SAID SECTION 16. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A TRANSVERSE MERCATOR PROJECTION WITH A CENTRAL MERIDIAN OF W105°00'00". CONTAINS 1.277 ACRES MORE OR LESS.

BEGINNING OF PIPELINE BEARS S79°04'02"E 203.98' FROM THE WEST 1/4 CORNER OF SECTION 16, T8N, R59W, 6th P.M.

END OF PIPELINE BEARS S00°04'11"W 950.88' FROM THE WEST 1/4 CORNER OF SECTION 16, T8N, R59W, 6th P.M.



ACREAGE / LENGTH TABLE		
FEET	RODS	ACRES
1112.43	67.42	1.277

CERTIFICATE OF RECORD
 THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED PIPELINE RIGHT-OF-WAY WAS PREPARED BY ME AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REV: 2 04-17-19 C.IVIE (PAD NAME CHANGE)

NOTES:

* Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W105°00'00"

LEGEND:

▲ = SECTION CORNERS LOCATED.



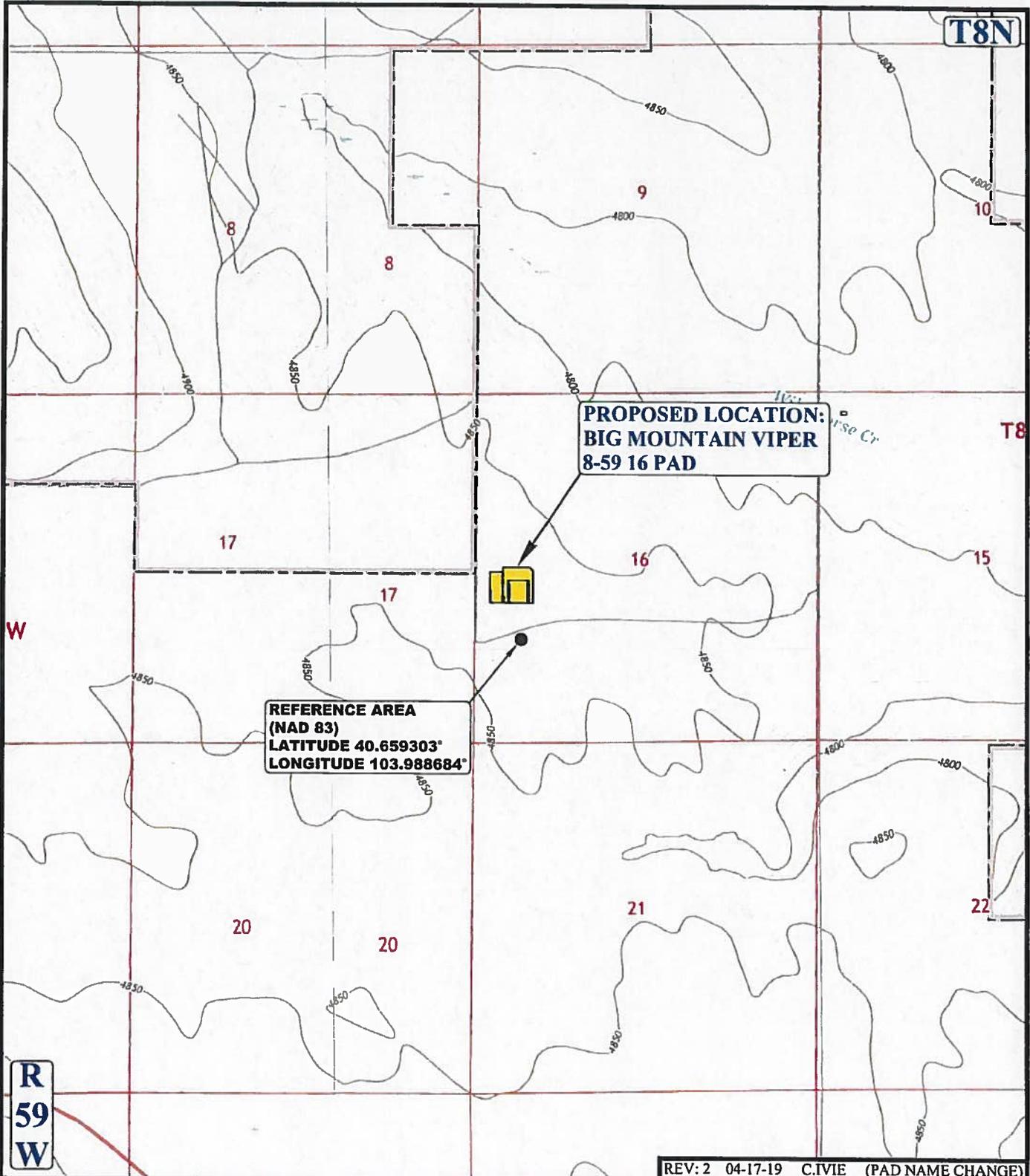
BISON OIL & GAS II
BIG MOUNTAIN VIPER 8-59 16 PAD
PIPELINE RIGHT-OF-WAY ON
STATE OF COLORADO LANDS IN
SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, O.R.	03-22-19	SCALE
DRAWN BY	C.IVIE	03-25-19	1" = 500'
FILE:	65637		

PIPELINE RIGHT-OF-WAY



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 Vernal, UT 84078 * (435) 789-1017



**PROPOSED LOCATION:
BIG MOUNTAIN VIPER
8-59 16 PAD**

**REFERENCE AREA
(NAD 83)
LATITUDE 40.659303°
LONGITUDE 103.988684°**

REV: 2 04-17-19 C.IVIE (PAD NAME CHANGE)

LEGEND:



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BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	C.M., O.R.	03-15-19	SCALE
DRAWN BY	J.L.G.	03-21-19	1 : 24,000
REFERENCE AREA MAP		REF TOPO	

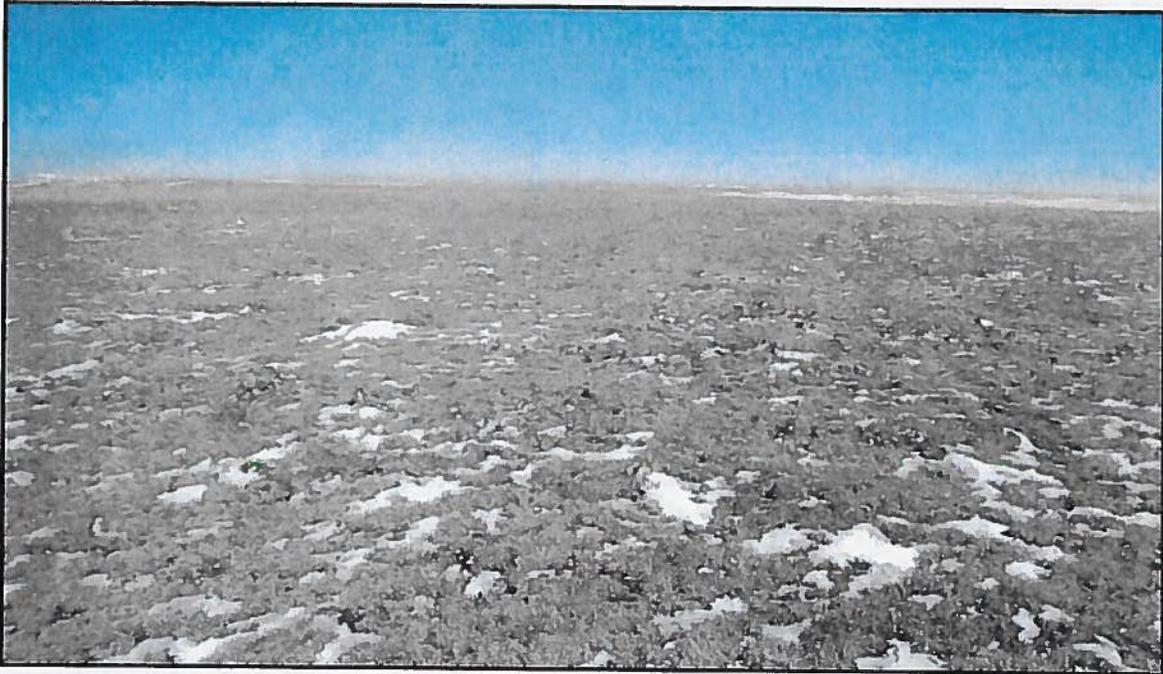


PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: EASTERLY

REV: 1 04-17-19 C.IVIE (PAD NAME CHANGE)

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO



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TAKEN BY	C.M., O.R.	03-15-19	
DRAWN BY	J.L.G.	03-21-19	
REFERENCE AREA PHOTOS			REF 1



PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: WESTERLY

REV: 1 04-17-19 C.IVIE (PAD NAME CHANGE)

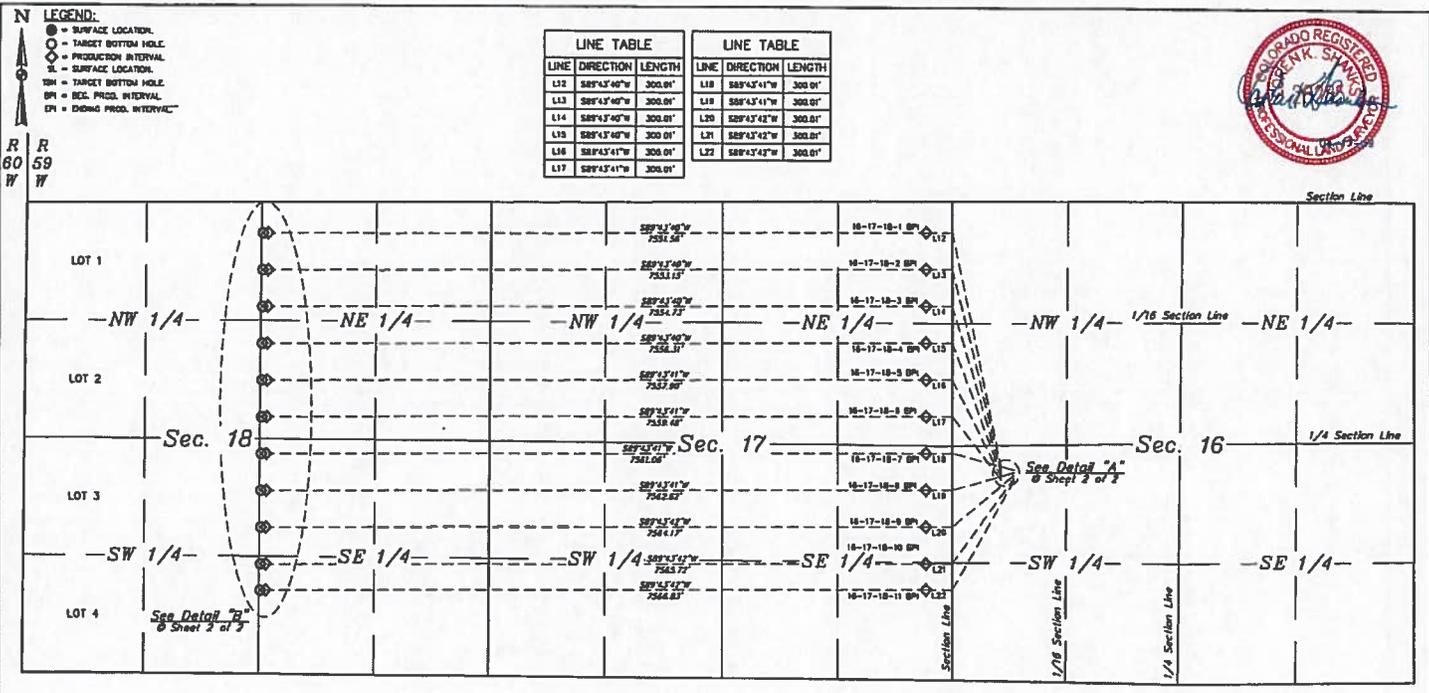
BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO



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 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

TAKEN BY	C.M., O.R.	03-15-19	
DRAWN BY	J.L.G.	03-21-19	
REFERENCE AREA PHOTOS			REF 2



Sheet 1 of 2

REV:2 04-17-19 C.MVE (PAD NAME CHANGE)

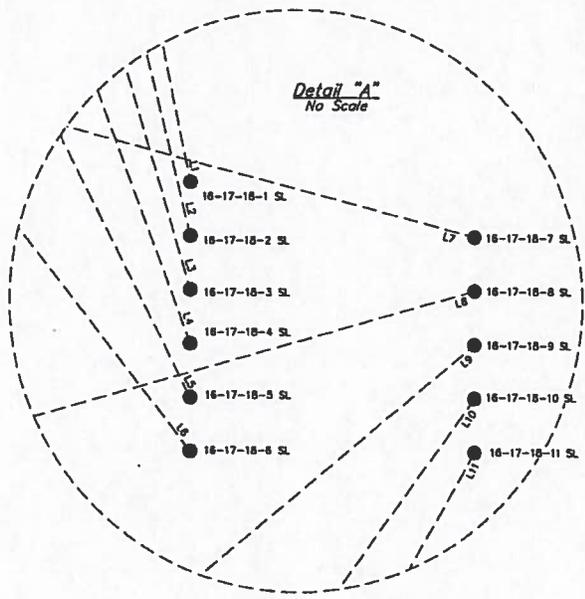
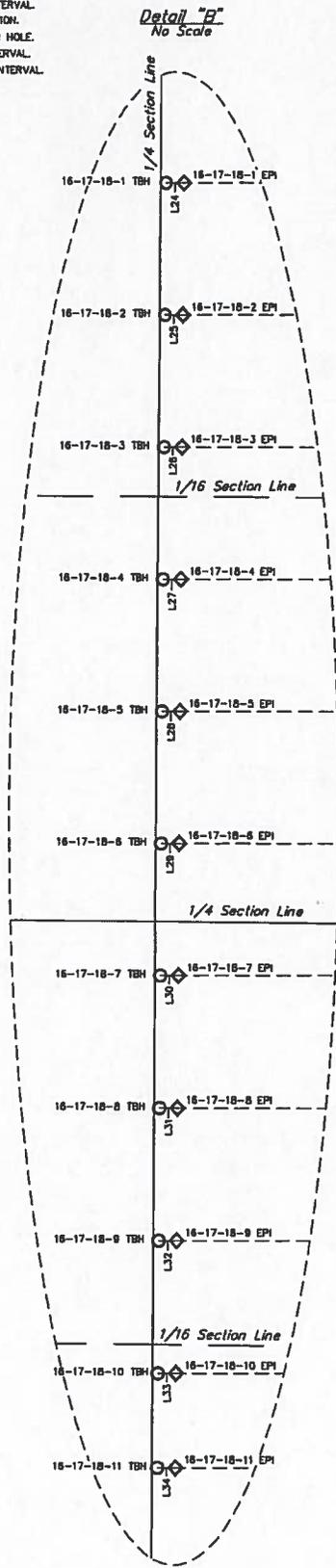
BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
 NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS O.S.	03-13-19	SCALE
DRAWN BY	R.S.	03-13-19	1" = 100'
MULTI-WELL PLAN		FIGURE #5	

UINTEAH
 UELS, LLC
 Corporate Office • 85 South 280 East
 Vernal, UT 84478 • (435) 789-1817

- N** LEGEND:
- - SURFACE LOCATION
 - - TARGET BOTTOM HOLE
 - ◇ - PRODUCTION INTERVAL
 - SL - SURFACE LOCATION
 - TBH - TARGET BOTTOM HOLE
 - BPI - BEG. PROD. INTERVAL
 - EPI - ENDING PROD. INTERVAL



LINE	DIRECTION	LENGTH
L1	N11°01'15"W	2711.94'
L2	N13°49'17"W	2333.66'
L3	N16°32'42"W	1959.20'
L4	N20°32'28"W	1591.24'
L5	N26°33'07"W	1235.61'
L6	N36°03'51"W	908.94'
L7	N75°17'25"W	733.94'
L8	S74°09'07"W	736.40'
L9	S50°19'16"W	923.53'
L10	S36°02'08"W	1209.00'
L11	S29°44'08"W	1434.56'

LINE	DIRECTION	LENGTH
L24	S89°50'15"W	58.00'
L25	S89°50'15"W	58.00'
L26	S89°50'15"W	58.00'
L27	S89°50'15"W	58.00'
L28	S89°50'15"W	58.00'
L29	S89°50'15"W	58.00'
L30	S89°50'15"W	58.00'
L31	S89°50'15"W	58.00'
L32	S89°50'15"W	58.00'
L33	S89°50'15"W	58.00'
L34	S89°50'15"W	58.00'

Sheet 2 of 2

REV:2 04-17-19 C.V.I.E (PAD NAME CHANGE)

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16 PAD
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	CIAD MEIERS, O.R.	03-15-19	SCALE
DRAWN BY	K.R.	03-19-19	1" = 1000'
MULTI-Well PLAN		FIGURE #5	



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

T8N, R59W, 6th P.M.

BISON OIL & GAS II
BIG MOUNTAIN VIPER FED 8-59 16-17-18-2
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO

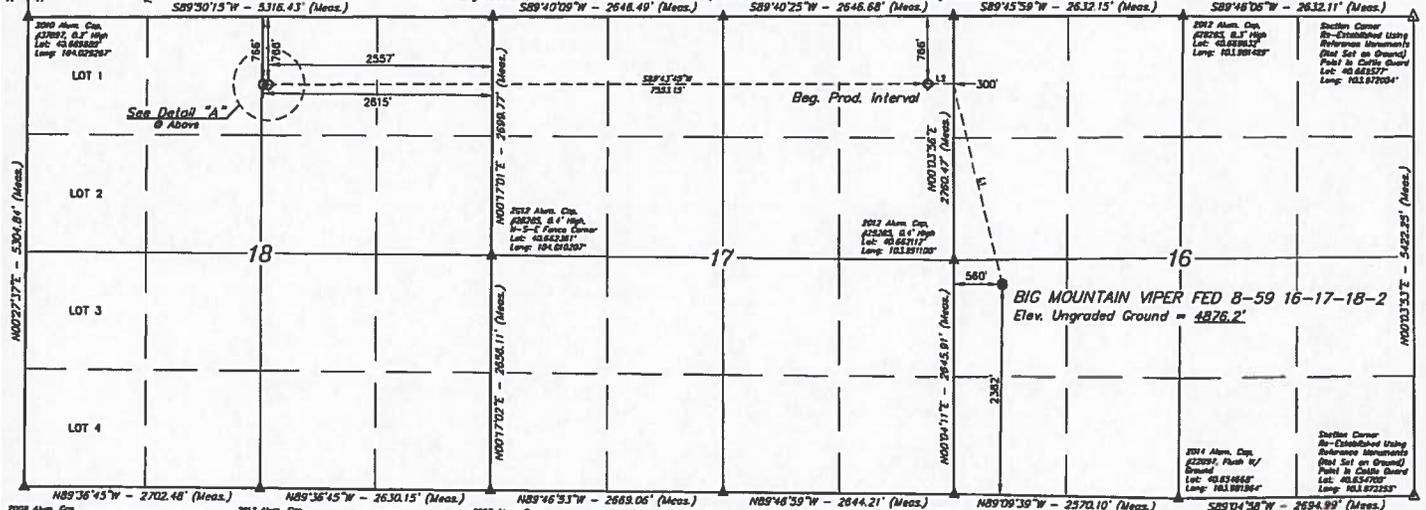
BASIS OF BEARINGS:
TRANSVERSE MERCATOR PROJECTION WITH
A CENTRAL MERIDIAN OF W 105° 00' 00"

BASIS OF ELEVATION:
OPLS SOLUTION GENERATED NAVD 88

LINE	DIRECTION	LENGTH
L1	N15°47'17"W	2333.66'
L2	S89°34'40"W	306.01'
L3	S89°30'15"W	36.00'



R 60 W
R 59 W



2008 Alum. Cap.
#25584
Flush W/ Ground
Lat: 48.83113°
Long: 104.67857°

2012 Alum. Cap.
#25265, 8.1" High
Lat: 48.83301°
Long: 104.67833°

2007 Alum. Cap.
#20964, Flush
W/ Ground
Lat: 48.83327°
Long: 104.67836°

2007 Alum. Cap.
#20964, 8.1" High
Lat: 48.83361°
Long: 104.68071°

2007 Alum. Cap.
#20964, Flush
W/ Ground
Lat: 48.83483°
Long: 103.89421°

2014 Alum. Cap.
#22292, Flush W/
Ground
Lat: 48.83466°
Long: 103.89364°

Section Corner
Re-Established Using
Reference Measurements
(Not Set on Ground)
Point in Chain Survey
Lat: 48.84257°
Long: 103.87204°

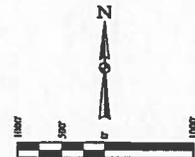
THIS IS TO CERTIFY THAT THE ABOVE
NOTES OF ACTUAL SURVEY MADE
AND THAT THE SAME ARE TRUE AND
CORRECT AND BELIEVED

DO NOT RECORD

REGISTERED LAND SURVEYOR
STATE OF UTAH LICENSE # 19

NOTE:
Distances referenced on
plat to section lines
are perpendicular

LEGEND:
● PROPOSED WELL-CAP.
○ LARGE BOTTOM HOLE.
○ PRODUCTION INTERVAL.
△ SECTION CORNERS LOCATED. (Not Set on Ground) (Not Set)



PDDP = L3		RLV 1 84-17-19 C.V.P.R. (NAME CHANGE)	
SURFACE LOCATION 238' FNL 548' FVL	REAL PROD. INTERVAL 266' FNL 388' FVL	ENDING PROD. INTERVAL 266' FNL 388' FVL	TARGET BOTTOM HOLE 266' FNL 388' FVL
NAD 83 (SURFACE) COORDINATES LATITUDE = 40°37'42.11" (N 4846338.1) LONGITUDE = 103°59'26.52" (W 867644.4)	NAD 83 (REAL PROD. INTERVAL) LATITUDE = 40°40'12.11" (N 4846387.1) LONGITUDE = 103°59'11.52" (W 867599.9)	NAD 83 (ENDING PROD. INTERVAL) LATITUDE = 40°40'11.11" (N 4846725.1) LONGITUDE = 103°59'11.52" (W 867599.9)	NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 40°40'31.11" (N 4846725.1) LONGITUDE = 103°59'11.52" (W 867599.9)
NAD 83 (SURFACE) COORDINATES LATITUDE = 40°37'48.00" (N 4846363.1) LONGITUDE = 103°59'14.42" (W 867635.5)	NAD 83 (REAL PROD. INTERVAL) LATITUDE = 40°40'13.30" (N 4846460.1) LONGITUDE = 103°59'11.71" (W 867595.5)	NAD 83 (ENDING PROD. INTERVAL) LATITUDE = 40°40'13.30" (N 4846707.1) LONGITUDE = 103°59'11.71" (W 867595.5)	NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 40°40'33.30" (N 4846707.1) LONGITUDE = 103°59'11.71" (W 867595.5)
STATE PLANE NAD 83 (CO. NORTH) N: 11097442.17 E: 341906.32	STATE PLANE NAD 83 (CO. NORTH) N: 110968.37 E: 341876.97	STATE PLANE NAD 83 (CO. NORTH) N: 110974.37 E: 341876.97	STATE PLANE NAD 83 (CO. NORTH) N: 110974.37 E: 341876.97
STATE PLANE NAD 83 (CO. NORTH) N: 487411.29 E: 341931.17	STATE PLANE NAD 83 (CO. NORTH) N: 48666.17 E: 341841.48	STATE PLANE NAD 83 (CO. NORTH) N: 48741.17 E: 341841.48	STATE PLANE NAD 83 (CO. NORTH) N: 48741.17 E: 341841.48

UTAH
SURVEYED BY: CHAD MEERS, G.R.
DRAWN BY: E.A.
SCALE: 1" = 1000'

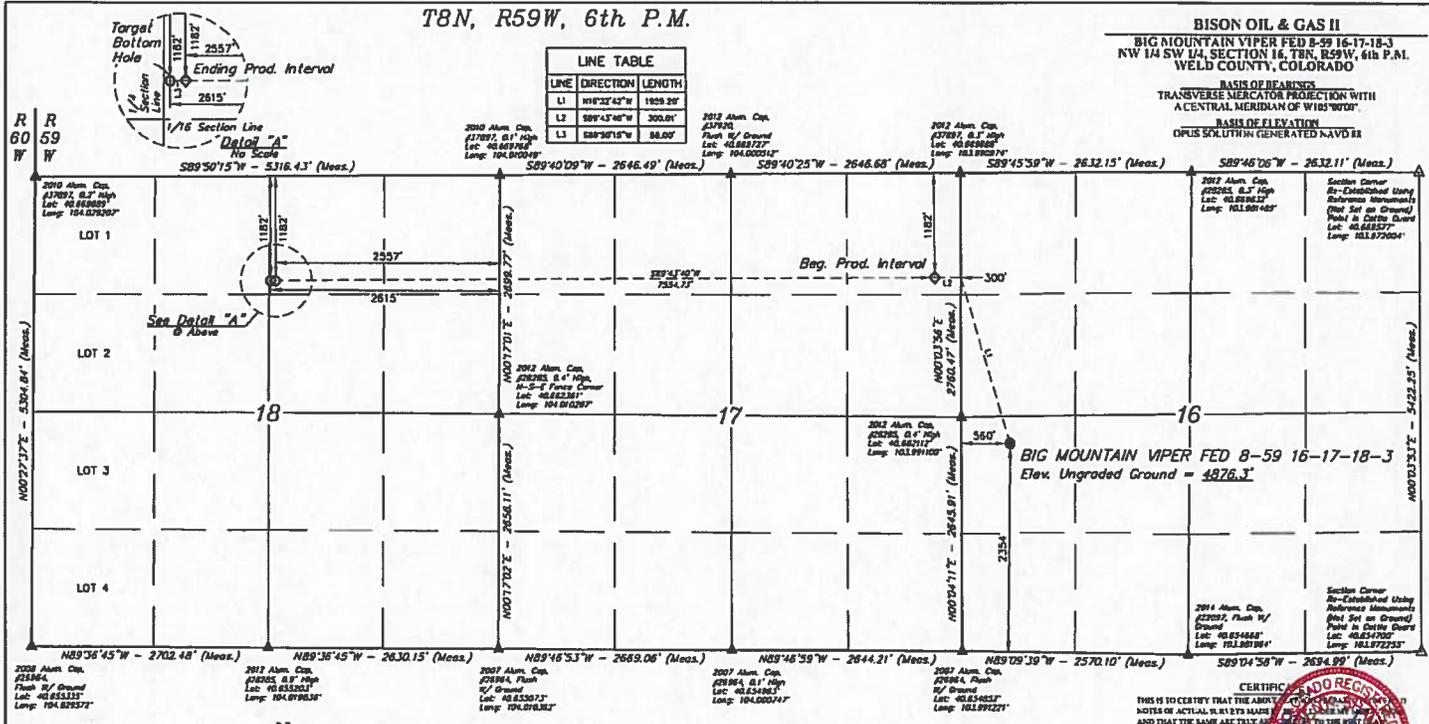
T8N, R59W, 6th P.M.

BISON OIL & GAS II
BIG MOUNTAIN VIPER FED 8-59 16-17-18-3
 NW 1/4 SW 1/4 SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

LINE	DIRECTION	LENGTH
L1	N18°22'43"W	1029.29'
L2	S89°43'04"W	300.01'
L3	S88°50'15"W	86.00'

BASIS OF BEARINGS
 TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF W103°00'00"

BASIS OF ELEVATION
 OPUS SOLUTION GENERATED NAD83



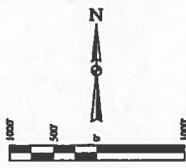
BIG MOUNTAIN VIPER FED 8-59 16-17-18-3
 Elev. Ungraded Ground = 4876.3'

THIS IS TO CERTIFY THAT THE ABOVE NOTES OR ACTUAL SURVEY MAPS AND THAT THE SAME ARE TRUE, KNOWN AND BELIEVED.



NOTE:
 Distances referenced on plot to section lines are perpendicular.

- LEGEND:**
- = PROPOSED WELLHEAD
 - = TARGET BOTTOM HOLE
 - = PRODUCTION INTERVAL
 - △ = SECTION CORNERS LOCATED (NAD 83)
 - △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground) (NAD 83)



PDDF = L3		REV: 1 04-17-19 C.V.M.E. (NAME CHANGE)	
EL REFACE LOCATION	REG. PROD. INTERVAL	ENDING PROD. INTERVAL	TARGET BOTTOM HOLE
1354 FSL 546 FWL	1182 FNL 287 FFL	1182 FNL 287 FFL	1182 FNL 287 FFL
NAD 83 (SURFACE LOCATION)	NAD 83 (REG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'43.5" (403943.5")	LATITUDE = 40°39'59.31" (403959.31")	LATITUDE = 40°39'59.7" (403959.7")	LATITUDE = 40°39'59.3" (403959.3")
LONGITUDE = 104°09'28.25" (1040928.25")	LONGITUDE = 104°09'28.91" (1040928.91")	LONGITUDE = 104°09'28.6" (1040928.6")	LONGITUDE = 104°09'28.35" (1040928.35")
NAD 83 (SURFACE LOCATION)	NAD 83 (REG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'48.2" (403948.2")	LATITUDE = 40°39'59.28" (403959.28")	LATITUDE = 40°39'59.7" (403959.7")	LATITUDE = 40°39'59.3" (403959.3")
LONGITUDE = 104°09'28.17" (1040928.17")	LONGITUDE = 104°09'28.7" (1040928.7")	LONGITUDE = 104°09'28.7" (1040928.7")	LONGITUDE = 104°09'28.35" (1040928.35")
STATE PLANE NAD 83 (CALC. NORTH)	STATE PLANE NAD 83 (CALC. NORTH)	STATE PLANE NAD 83 (CALC. NORTH)	STATE PLANE NAD 83 (CALC. NORTH)
N: 149714.86 E: 341916.47	N: 149714.86 E: 341916.47	N: 149714.86 E: 341916.47	N: 149714.86 E: 341916.47
STATE PLANE NAD 83 (CALC. NORTH)	STATE PLANE NAD 83 (CALC. NORTH)	STATE PLANE NAD 83 (CALC. NORTH)	STATE PLANE NAD 83 (CALC. NORTH)
N: 48111.59 E: 341911.47	N: 48111.59 E: 341911.47	N: 48111.59 E: 341911.47	N: 48111.59 E: 341911.47

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 Corporate Office • 82 South 200 East
 Vernal, UT 84078 • (435) 789-1817

SURVEYED BY: CHAD MEIERS, O.R.
 DRAWN BY: K.B.

DATE: 03-15-19
 SCALE: 1" = 1000'

WELL LOCATION PLAN

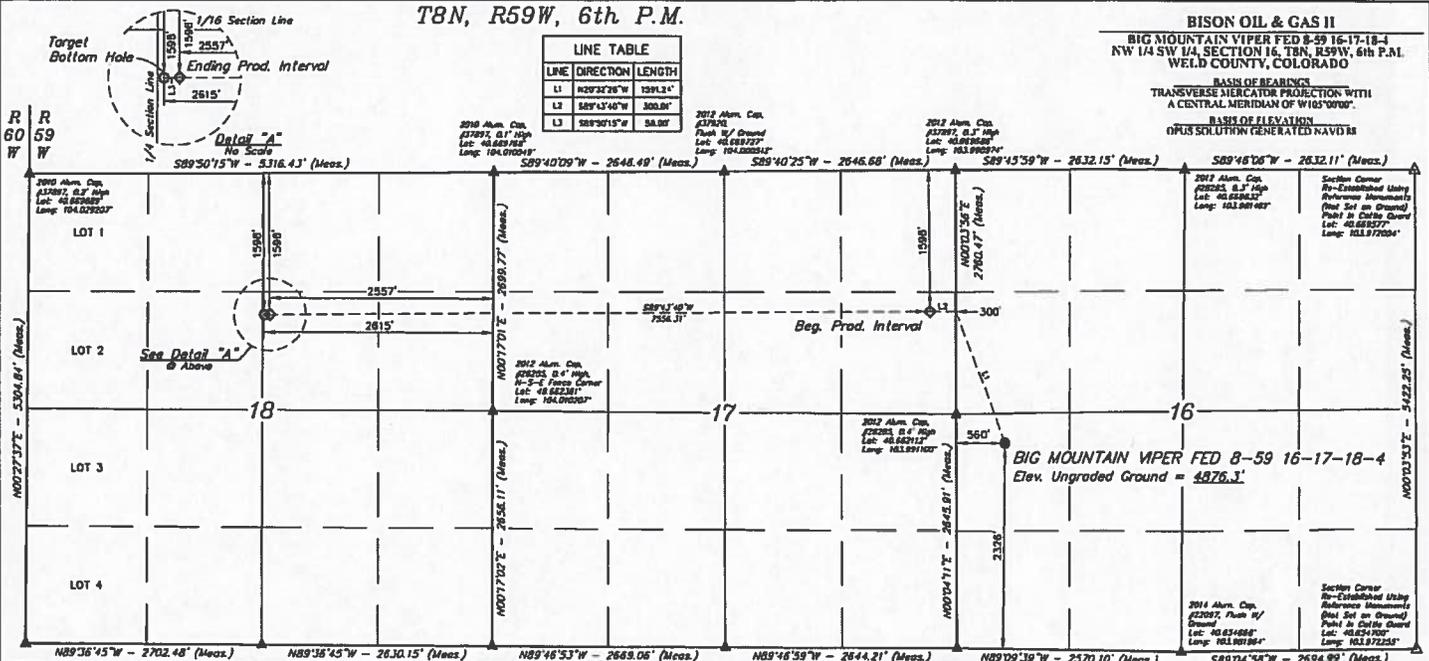
T8N, R59W, 6th P.M.

BISON OIL & GAS II
 BIG MOUNTAIN VPER FED 8-59 16-17-18-1
 NW 1/4 SW 1/4 SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

BASIS OF BEARINGS
 TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF W105°00'00"

BASIS OF ELEVATION
 OPUS SOLUTION GENERATED NAVD83

LINE	DIRECTION	LENGTH
L1	N29°32'26"W	1594.11'
L2	S89°51'15"W	348.04'



2008 Alum. Cap. #22964, Flush 1/2" Ground, Lot: 48.853333", Long: 104.029333"

2017 Alum. Cap. #22785, 8.1" High, Lot: 48.853333", Long: 104.019833"

2007 Alum. Cap. #22964, Flush 1/2" Ground, Lot: 48.853333", Long: 104.019833"

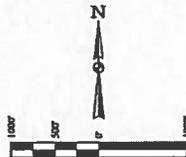
2007 Alum. Cap. #22964, Flush 1/2" Ground, Lot: 48.853333", Long: 104.029333"

2007 Alum. Cap. #22964, Flush 1/2" Ground, Lot: 48.853333", Long: 104.029333"

2011 Alum. Cap. #22964, Flush 1/2" Ground, Lot: 48.853333", Long: 104.019833"

NOTE:
 Distances referenced on plan to section lines are perpendicular.

- LEGEND:**
- PROPOSED WELL-CAD.
 - TARGET BOTTOM HOLE.
 - PRODUCTION INTERVAL.
 - △ SECTION CORNERS LOCATED. (HAD BS)
 - △ SECTION CORNERS RE-ESTABLISHED. (HAD BS on Ground.) (HAD BS)



PDOP - 1.3

SURFACE LOCATION		BEG. PROD. INTERVAL		ENDING PROD. INTERVAL		TARGET BOTTOM HOLE	
2007 FNL 289' FNL	1997 FNL 289' FNL	1997 FNL 289' FNL	1997 FNL 289' FNL	1997 FNL 289' FNL			
NAD 83 (S) SURFACE LOCATION	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)				
LATITUDE = 40°57'40.30" (184.61193)	LATITUDE = 40°57'53.00" (184.63384)	LATITUDE = 40°57'53.00" (184.63384)	LATITUDE = 40°57'53.00" (184.63384)				
LONGITUDE = 104°59'28.71" (184.94997)	LONGITUDE = 104°59'11.00" (184.92172)	LONGITUDE = 104°59'11.00" (184.92172)	LONGITUDE = 104°59'11.00" (184.92172)				
NAD 83 (S) SURFACE LOCATION	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)				
LATITUDE = 40°57'40.30" (184.61193)	LATITUDE = 40°57'53.00" (184.63384)	LATITUDE = 40°57'53.00" (184.63384)	LATITUDE = 40°57'53.00" (184.63384)				
LONGITUDE = 104°59'11.00" (184.92172)							
STATE PLANE NAD 83 (S) NORTH							
N = 1487296.87 E = 3419160.47	N = 1487296.87 E = 3418294.37	N = 1487296.87 E = 3418294.37	N = 1487296.87 E = 3418294.37				
STATE PLANE NAD 83 (S) NORTH							
N = 227255.31 E = 3419111.64	N = 227255.31 E = 3418445.37	N = 227255.31 E = 3418445.37	N = 227255.31 E = 3418445.37				

CERTIFICATE OF RECORDING

THIS IS TO CERTIFY THAT THE ABOVE INSTRUMENT IS A TRUE AND CORRECT COPY OF THE ORIGINAL AS FILED IN THE PUBLIC RECORDS OF WELD COUNTY, COLORADO, AND THAT THE SAME ARE TRUE AND KNOWN AND BELIEVED.

RECORDED

WELD COUNTY, COLORADO

RECORDS & CLERK

APR 17 2009

UNITAH

Corporate Office • 45 South 280 East
 Vernal, UT 84078 • (435) 789-1017

WELL LOCATION PLAN

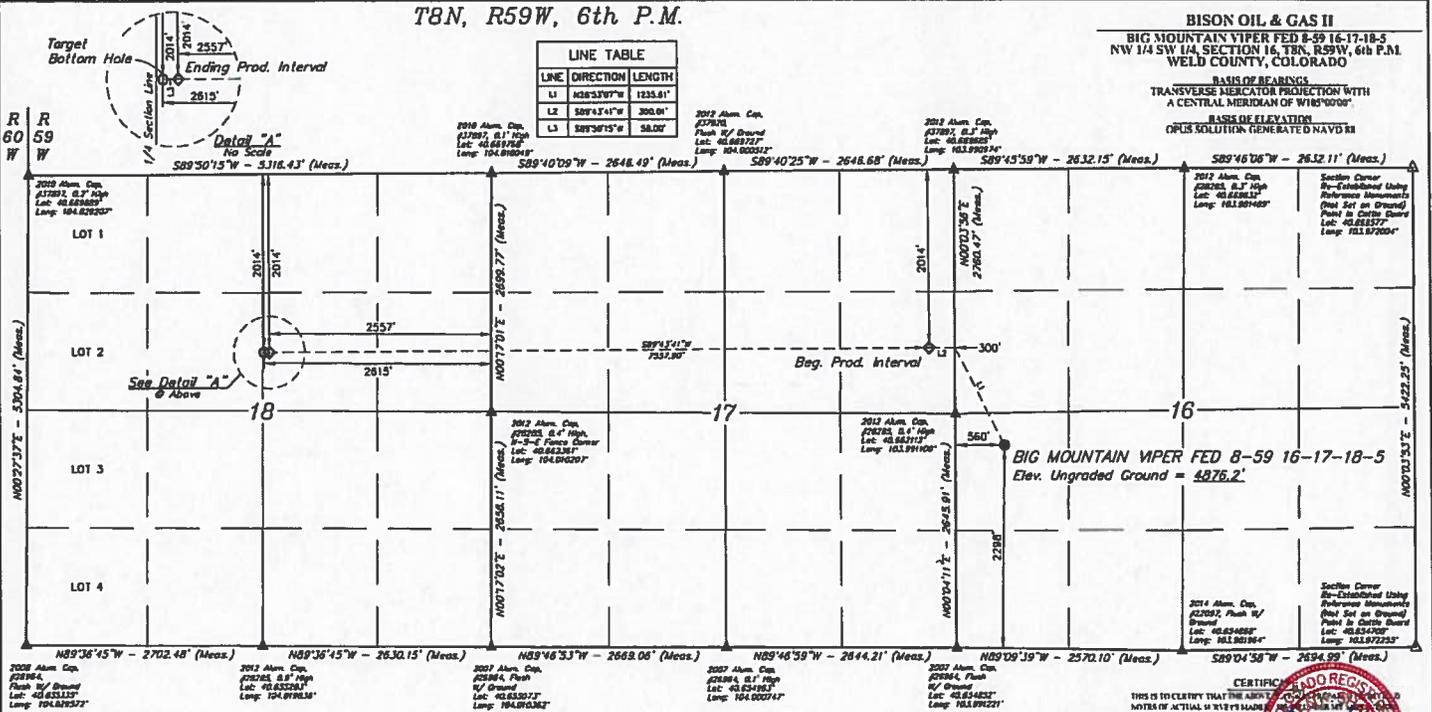
SCALE: 1" = 100'

T8N, R59W, 6th P.M.

BISON OIL & GAS II
 BIG MOUNTAIN YPER FED 8-59 16-17-18-5
 NW 1/4 SW 1/4 SECTION 16, TR. R29W, 6th P.M.
 WELD COUNTY, COLORADO

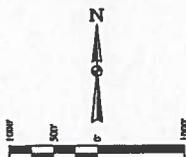
**TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF 108°00'00"**
**BASIS OF ELEVATION
 (PLUS SOLUTION GENERATED NAVD83)**

LINE	DIRECTION	LENGTH
L1	S89°43'07"W	1235.61'
L2	S89°43'41"W	305.09'
L3	S89°39'15"W	58.00'



NOTE:
 Distances referenced on plat to section lines are perpendicular

- LEGEND:**
- PROPOSED WELLHEAD
 - TARGET BOTTOM HOLE
 - PRODUCTION INTERVAL
 - SECTION CORNERS LOCATED (MAD 83)
 - △ SECTION CORNERS RE-ESTABLISHED (MAD Set on Ground) (MAD 83)



PDDP = 1.3		REV: 1 04-17-19 C/PVE (NAME CHANGE)	
SURFACE LOCATION 2014 FNL 349' FFL	REG. PROD. INTERVAL 2014 FNL 257' FFL	ENDING PROD. INTERVAL 2014 FNL 257' FFL	TARGET BOTTOM HOLE 2014 FNL 249' FFL
NAD 83 (SURFACE LOCATION) LATITUDE = 40°39'48.02" (403948.02") LONGITUDE = 101°07'00.12" (1010700.12")	NAD 83 (REG. PROD. INTERVAL) LATITUDE = 40°39'58.99" (403958.99") LONGITUDE = 101°07'17.77" (1010717.77")	NAD 83 (ENDING PROD. INTERVAL) LATITUDE = 40°39'51.48" (403951.48") LONGITUDE = 101°07'00.77" (1010700.77")	NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 40°39'51.47" (403951.47") LONGITUDE = 101°07'18.27" (1010718.27")
NAD 83 (SURFACE LOCATION) LATITUDE = 40°39'48.02" (403948.02") LONGITUDE = 101°07'00.12" (1010700.12")	NAD 83 (REG. PROD. INTERVAL) LATITUDE = 40°39'51.84" (403951.84") LONGITUDE = 101°07'00.89" (1010700.89")	NAD 83 (ENDING PROD. INTERVAL) LATITUDE = 40°39'51.33" (403951.33") LONGITUDE = 101°07'00.89" (1010700.89")	NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 40°39'51.33" (403951.33") LONGITUDE = 101°07'18.27" (1010718.27")
STATE PLANE NAD 83 (CD, NORTH) N: 1487254.87 E: 341916.62	STATE PLANE NAD 83 (CD, NORTH) N: 1488134.33 E: 341676.00	STATE PLANE NAD 83 (CD, NORTH) N: 1488700.80 E: 341874.40	STATE PLANE NAD 83 (CD, NORTH) N: 1488701.11 E: 341883.11
STATE PLANE NAD 83 (CD, NORTH) N: 403948.02 E: 241911.12	STATE PLANE NAD 83 (CD, NORTH) N: 403951.84 E: 241671.33	STATE PLANE NAD 83 (CD, NORTH) N: 403951.33 E: 241671.33	STATE PLANE NAD 83 (CD, NORTH) N: 403951.33 E: 241671.33

THIS IS TO CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CERTIFICATE OF SURVEY

CHAD MEEKER, O.R.
 Surveyor No. 2839
 STATE OF COLORADO

UWELL, LLC
 Corporate Office • 85 South 100 East
 Vernal, UT 84078 • (435) 789-1017

UWELL

SURVEYED BY: CHAD MEEKER, O.R. 03-19-19 SCALE: 1" = 1000'
 DRAWN BY: J.D. 03-16-19

WELL LOCATION PLAT

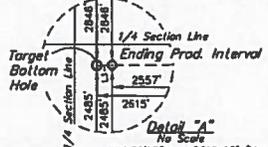
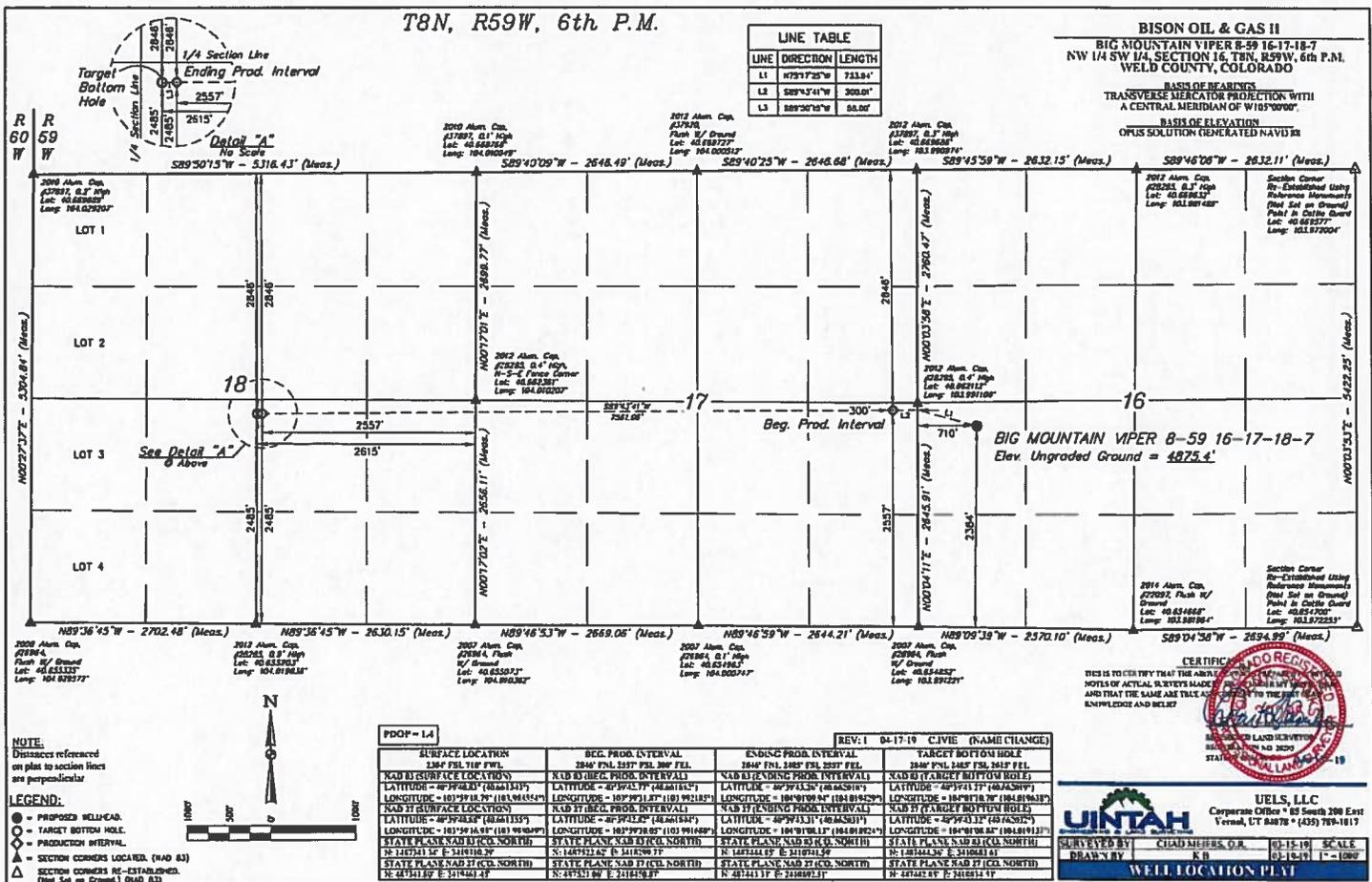
T8N, R59W, 6th P.M.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N79°17'25"W	713.5'
L2	S89°54'1"W	308.0'
L3	S89°54'1"W	68.0'

BISON OIL & GAS II
BIG MOUNTAIN VIPER 8-59 16-17-18-7
 NW 1/4 SW 1/4 SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

BASIS OF BEARINGS
 TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF 105°00'00"

BASIS OF ELEVATION
 OPUS SOLUTION GENERATED NAVD83



CERTIFIED AND REGISTERED
 NOTES OF ACTUAL SURVEY MADE AND THAT THE SAME ARE TRUE AND KNOWN AND BELIEF

UELS, LLC
 Corporate Office: 85 South 200 East
 Vernal, UT 84078 • (435) 769-1817

UINTECH
 SURVEYED BY: CHAD MEERS, O.R. 01-15-19
 DRAWN BY: K.B. 01-15-19
 SCALE: 1" = 1000'

WELL LOCATION PLAN

NOTE:
 Distances referenced on plan to section lines are perpendicular

- LEGEND:**
- PROPOSED WELLHEAD
 - TARGET BOTTOM HOLE
 - PRODUCTION INTERVAL
 - △ SECTION CORNERS LOCATED (NAD 83) (Not Set on Ground) (NAD 83)

PDOP = 1.4		REV: 1 04-17-19 CJVIE (NAME CHANGE)	
SURFACE LOCATION	BEG. PROD. INTERVAL	ENDING PROD. INTERVAL	TARGET BOTTOM HOLE
1246 FUL 716 FUL	2846 FUL 2557 FUL 2846 FUL	2846 FUL 2445 FUL 2557 FUL	2846 FUL 2445 FUL 2557 FUL
KUB 21 (SURFACE LOCATION)	KUB 21 (BEG. PROD. INTERVAL)	KUB 21 (ENDING PROD. INTERVAL)	KUB 21 (TARGET BOTTOM HOLE)
LONGITUDE = 103°29'18.76" (103.48826833)			
LATITUDE = 47°39'48.83" (47.66356389)			
NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LONGITUDE = 103°29'18.76" (103.48826833)	LONGITUDE = 103°29'18.05" (103.48498889)	LONGITUDE = 103°29'18.05" (103.48498889)	LONGITUDE = 103°29'18.05" (103.48498889)
LATITUDE = 47°39'48.83" (47.66356389)			
STATE PLANE NAD 83 (CO. NORTH)			
N: 473948.83 E: 311444.44			

T8N, R59W, 6th P.M.

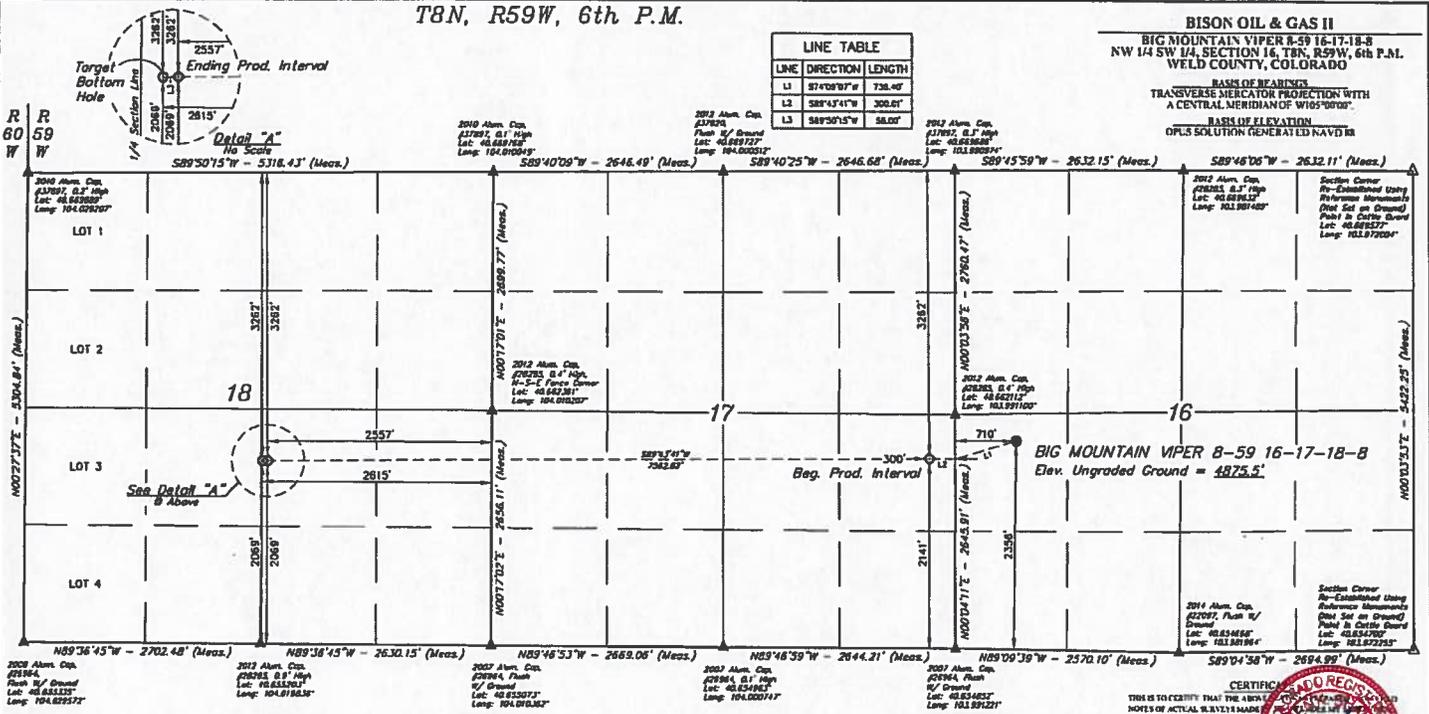
BISON OIL & GAS II
BIG MOUNTAIN VIPER 8-59 16-17-18-B
 NW 1/4 SW 1/4, SECTION 18, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S74°08'07"W	738.40'
L2	S88°43'41"W	300.61'
L3	S89°50'15"W	58.00'

BASIS OF BEARINGS
 TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF W105°00'00"

BASIS OF ELEVATION
 OPLS SOLUTION GENERATED NAVD 83



NOTE:
 Distances referenced on plat to section lines are perpendicular.

- LEGEND:**
- PROPOSED WELL-CAD.
 - TARGET BOTTOM HOLE.
 - PRODUCTION INTERVAL.
 - △ SECTION CORNERS LOCATED. (NAD 83)
 - △ SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground) (NAD 83)



PDO# = 1.4

REV: 1 04-17-19 C.M.V.E. (NAME CHANGE)	REV: 1 04-17-19 C.M.V.E. (NAME CHANGE)	REV: 1 04-17-19 C.M.V.E. (NAME CHANGE)	REV: 1 04-17-19 C.M.V.E. (NAME CHANGE)
SURFACE LOCATION 314° FSL 718' FWL	BEG. PROD. INTERVAL 314° FSL 314' FSL 309' FEL	ENDING PROD. INTERVAL 314° FSL 309' FEL 2537' FEL	TARGET BOTTOM HOLE 314° FSL 309' FEL 3017' FEL
NAD 83 SURFACE LOCATION LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)	NAD 83 BEG. PROD. INTERVAL LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)	NAD 83 ENDING PROD. INTERVAL LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)	NAD 83 TARGET BOTTOM HOLE LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)
NAD 83 SURFACE LOCATION LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)	NAD 83 BEG. PROD. INTERVAL LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)	NAD 83 ENDING PROD. INTERVAL LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)	NAD 83 TARGET BOTTOM HOLE LATITUDE = 40°59'18.36" (183.6431364) LONGITUDE = 103°29'18.36" (103.4895915)
STATE PLANE NAD 83 (CON. NORTH) N: 41471332 E: 34191124	STATE PLANE NAD 83 (CON. NORTH) N: 41471332 E: 34191124	STATE PLANE NAD 83 (CON. NORTH) N: 41471332 E: 34191124	STATE PLANE NAD 83 (CON. NORTH) N: 41471332 E: 34191124

CERTIFICATE OF RECORDING

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED INSTRUMENTS HAVE BEEN RECORDED IN THE PUBLIC RECORDS OF WELD COUNTY, COLORADO, AND THAT THE SAME ARE TRUE AND CORRECT IN ACCORDANCE WITH THE KNOWLEDGE AND BELIEF OF THE CLERK OF SAID COUNTY.

WELD COUNTY, COLORADO

RECORDED IN THE PUBLIC RECORDS OF WELD COUNTY, COLORADO, ON 04/17/19 AT 10:00 AM.

CLERK OF COUNTY

UINTECH

Corporate Office • 85 South 200 East
 Vernal, UT 84078 • (435) 789-1817

WELL LOCATION PLAT

SURVEYED BY: CHAD MEERS, G.S. 03-19-19 SCALE: 1" = 1000'

DRAWN BY: E.B. 03-16-19

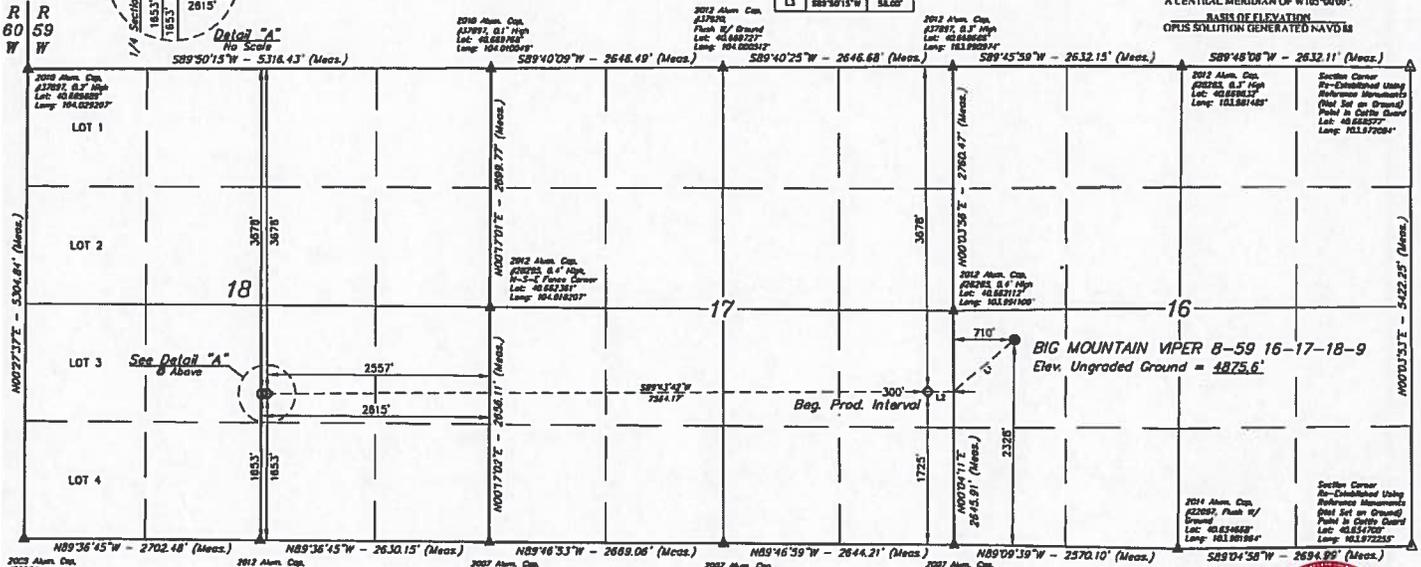
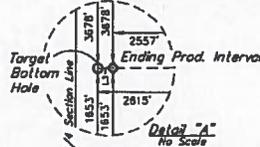
T8N, R59W, 6th P.M.

LINE	DIRECTION	LENGTH
L1	S50°19'34"W	923.53'
L2	S89°43'42"W	308.81'
L3	S89°50'15"W	84.00'

BISON OIL & GAS II
 BIG MOUNTAIN VIPER B-59 16-17-18-9
 NW 1/4 SW 1/4 SECTION 16, T8N, R59W, 6th P.M.
 WELD COUNTY, COLORADO

BASIS OF BEARINGS
 TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF W101°00'00"

BASIS OF ELEVATION
 OPUS SOLUTION GENERATED NAVD83



NOTE:
 Distances referenced on plat to section lines are perpendicular.

- LEGEND:**
- PROPOSED WELL/CAJL
 - TARGET BOTTOM HOLE
 - △ PRODUCTION INTERVAL
 - SECTION CORNERS LOCATED (ONAD B3)
 - △ SECTION CORNERS RE-ESTABLISHED (ONAD B3)



PDOP = 1.4

START LOCATION	BEG. PROD. INTERVAL	ENDING PROD. INTERVAL	TARGET BOTTOM HOLE
NAD BY SURFACE LOCATION 131° FNL 748' FNL	NAD BY BEG. PROD. INTERVAL 367° FNL 1725' FNL 389' FNL	NAD BY ENDING PROD. INTERVAL 367° FNL 1663' FNL 2857' FNL	NAD BY TARGET BOTTOM HOLE 367° FNL 1663' FNL 2816' FNL
LATITUDE = 40°39'43.37" (NAD83)	LATITUDE = 40°39'43.37" (NAD83)	LATITUDE = 40°39'43.37" (NAD83)	LATITUDE = 40°39'43.37" (NAD83)
LONGITUDE = 103°59'18.80" (NAD83)	LONGITUDE = 103°59'12.80" (NAD83)	LONGITUDE = 103°59'12.80" (NAD83)	LONGITUDE = 103°59'12.80" (NAD83)
STATE PLANE NAD 83 (ICD, NORTH)	STATE PLANE NAD 83 (ICD, NORTH)	STATE PLANE NAD 83 (ICD, NORTH)	STATE PLANE NAD 83 (ICD, NORTH)
N: 146723.52 E: 341918.48	N: 146680.87 E: 341921.37	N: 146611.10 E: 341871.80	N: 146611.10 E: 341884.14
S: 417213.82 E: 341944.67	S: 416885.32 E: 341945.48	S: 416811.89 E: 341901.02	S: 416811.10 E: 341913.87

THIS IS TO CERTIFY THAT THE ABOVE NOTES OF ACTUAL SURVEY MADE AND THAT THE SAME ACCURATELY KNOWLEDGE AND BELIEF

REGISTERED PROFESSIONAL SURVEYOR
 STATE OF COLORADO
 No. 2024
 EXPIRES 12/31/2025

UINTECH
 Corporate Office • 45 South 200 East
 Vernal, UT 84078 • (435) 789-1017

SURVEYED BY: CHAD MEYERS, O.R. 04-17-19 SCALE: 1" = 100'

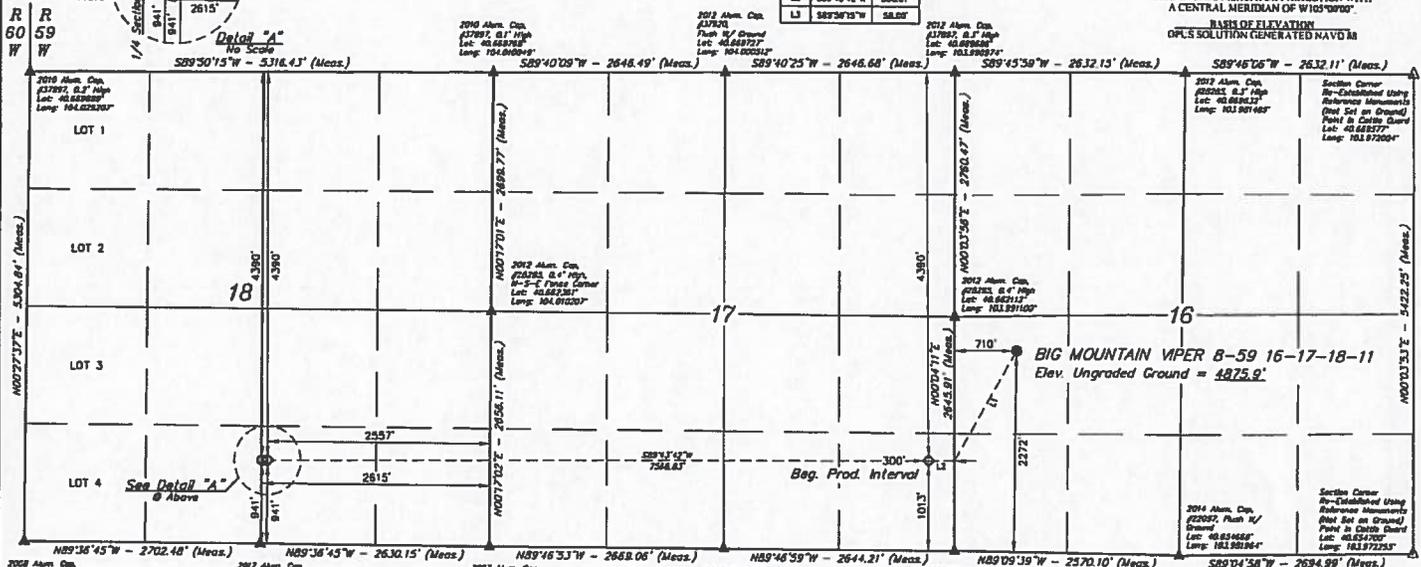
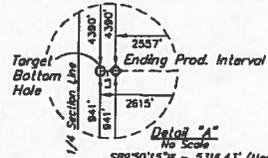
DRAWN BY: E.B. 04-16-19

WELL LOCATION PLAT

T8N, R59W, 6th P.M.

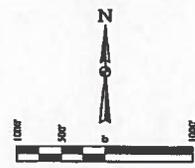
BISON OIL & GAS II
BIG MOUNTAIN VIPER 8-59 16-17-18-11
 NW 1/4 SW 1/4 SECTION 16, T8N, R59W, 6th P.M.,
 WELD COUNTY, COLORADO
 BASIS OF BEARINGS
 TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF W 103°09'00"
 BASIS OF ELEVATION
 DPLS SOLUTION GENERATED NAVD 83

LINE TABLE	
LINE	DIRECTION LENGTH
L1	S89°44'30"W 1434.36'
L2	S89°47'42"W 300.01'
L3	S89°36'15"W 58.09'



NOTE:
 Distances referenced on plat to section lines are perpendicular.

- LEGEND:**
- PROPOSED WELLHEAD
 - TARGET BOTTOM HOLE
 - PRODUCTION INTERVAL
 - △ SECTION CORNERS LOCATED (DAD 83)
 - △ SECTION CORNERS RE-ESTABLISHED (Dist Set on Ground) (DAD 83)



PDOP = 1.4

REV: 04-17-19 C.M.V.E. (NAME CHANGE)

SURFACE LOCATION		BEG. PROD. INTERVAL		ENDING PROD. INTERVAL		TARGET BOTTOM HOLE	
217° PSL 316' PSL		478' PSL 181' PSL 186' PSL		438' PSL 541' PSL 257' PSL		438' PSL 541' PSL 265' PSL	
NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'34.72" (18461813)	LATITUDE = 40°39'41.33" (18461637)	LATITUDE = 40°39'41.33" (18461637)	LATITUDE = 40°39'28.81" (18461782)	LATITUDE = 40°39'34.72" (18461813)	LATITUDE = 40°39'28.81" (18461782)	LATITUDE = 40°39'28.81" (18461782)	LATITUDE = 40°39'28.81" (18461782)
LONGITUDE = 103°09'11.81" (18461915)							
NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'34.77" (18461816)	LATITUDE = 40°39'41.33" (18461638)	LATITUDE = 40°39'41.33" (18461638)	LATITUDE = 40°39'28.81" (18461783)	LATITUDE = 40°39'34.77" (18461816)	LATITUDE = 40°39'28.81" (18461783)	LATITUDE = 40°39'28.81" (18461783)	LATITUDE = 40°39'28.81" (18461783)
LONGITUDE = 103°09'11.81" (18461916)							
STATE PLANE NAD 83 (ICD, NORTH)							
N: 140911.17 E: 311910.67	N: 145929.11 E: 311876.49	N: 145929.11 E: 311876.49	N: 145915.32 E: 311921.56	N: 140911.17 E: 311910.67	N: 145915.32 E: 311921.56	N: 145915.32 E: 311921.56	N: 145915.32 E: 311921.56
STATE PLANE NAD 83 (ICD, NORTH)							
N: 42373.87 E: 211651.87							

THIS IS TO CERTIFY THAT THE ABOVE NOTES OF ACTUAL SURVEY MADE AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CERTIFIED AND REGISTERED
 CHAD MEIERS, C.T.S.
 REGISTERED LAND SURVEYOR
 No. 100160220
 STATE OF COLORADO
 EXPIRES 12/31/19

UINTEA Corporation
 Corporate Office: 85 South 300 East
 Vernal, UT 84479 • (435) 789-1811

SURVEYED BY: CHAD MEIERS, C.T.S. 05-11-19 SCALE: 1" = 1000'
 DRAWN BY: C.M. 05-16-19

WELL LOCATION PLAT