

April 7, 2008

Fluid Minerals Group
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078

RE: Application for Permit to Drill—XTO Energy, Inc.

BPU 1-14H

696' FNL & 629' FEL, NE/4 NE/4, Section 14, T11S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of XTO Energy, Inc. Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM surface and mineral vertical well. A letter from XTO Energy immediately follows this letter to charge the APD processing fee under the Fiscal Year 2008 Consolidated Appropriations Act. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan

Exhibit "E" - Surface Use Plan with APD Certification;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Exhibit "G" - Cultural and Paleontological Clearance Reports.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Ken Secrest of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for XTO Energy, Inc.

cc: Diana Mason, Division of Oil, Gas and Mining
Ken Secrest, XTO Energy, Inc.

FILE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | |
|---|---|
| 5. Lease Serial No. UTU-76266 | |
| 6. If Indian, Allottee or Tribe Name N/A | |
| 7. If Unit or CA Agreement, Name and No. Big Pack Unit | |
| 8. Lease Name and Well No. BPU 1-14H | |
| 9. API Well No. 43-047 40001 | |
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | 10. Field and Pool, or Exploratory undesignated |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | 11. Sec., T. R. M. or Blk. and Survey or Area Section 14, T11S, R20E, SLB&M |
| 2. Name of Operator XTO Energy, Inc. | 12. County or Parish Uintah |
| 3a. Address PO Box 1360; 978 North Crescent Roosevelt, UT 84066 | 13. State UT |
| 3b. Phone No. (include area code) 435-722-4521 | 14. Distance in miles and direction from nearest town or post office* 15.51 miles south of Ouray, Utah |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 696' FNL & 629' FEL, NE/4 NE/4, 39.865805 At proposed prod. zone 616432x 4413540y 709.638701 | 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 696' |
| 16. No. of acres in lease 1,680 acres | 17. Spacing Unit dedicated to this well 40 acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,150' | 20. BLM/BIA Bond No. on file UTB-000138 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,140' GR | 22. Approximate date work will start* 06/15/2008 |
| | 23. Estimated duration 14 days |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

| | | |
|-----------------------------------|---|---------------------------|
| 25. Signature Don Hamilton | Name (Printed/Typed) Don Hamilton | Date 04/07/2008 |
|-----------------------------------|---|---------------------------|

Title **Agent for XTO Energy, Inc.**

| | | |
|-------------------------|--|-------------------------|
| Approved by (Signature) | Name (Printed/Typed) BRADLEY G. HILL | Date 04-14-08 |
| Title | Office ENVIRONMENTAL MANAGER | |

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

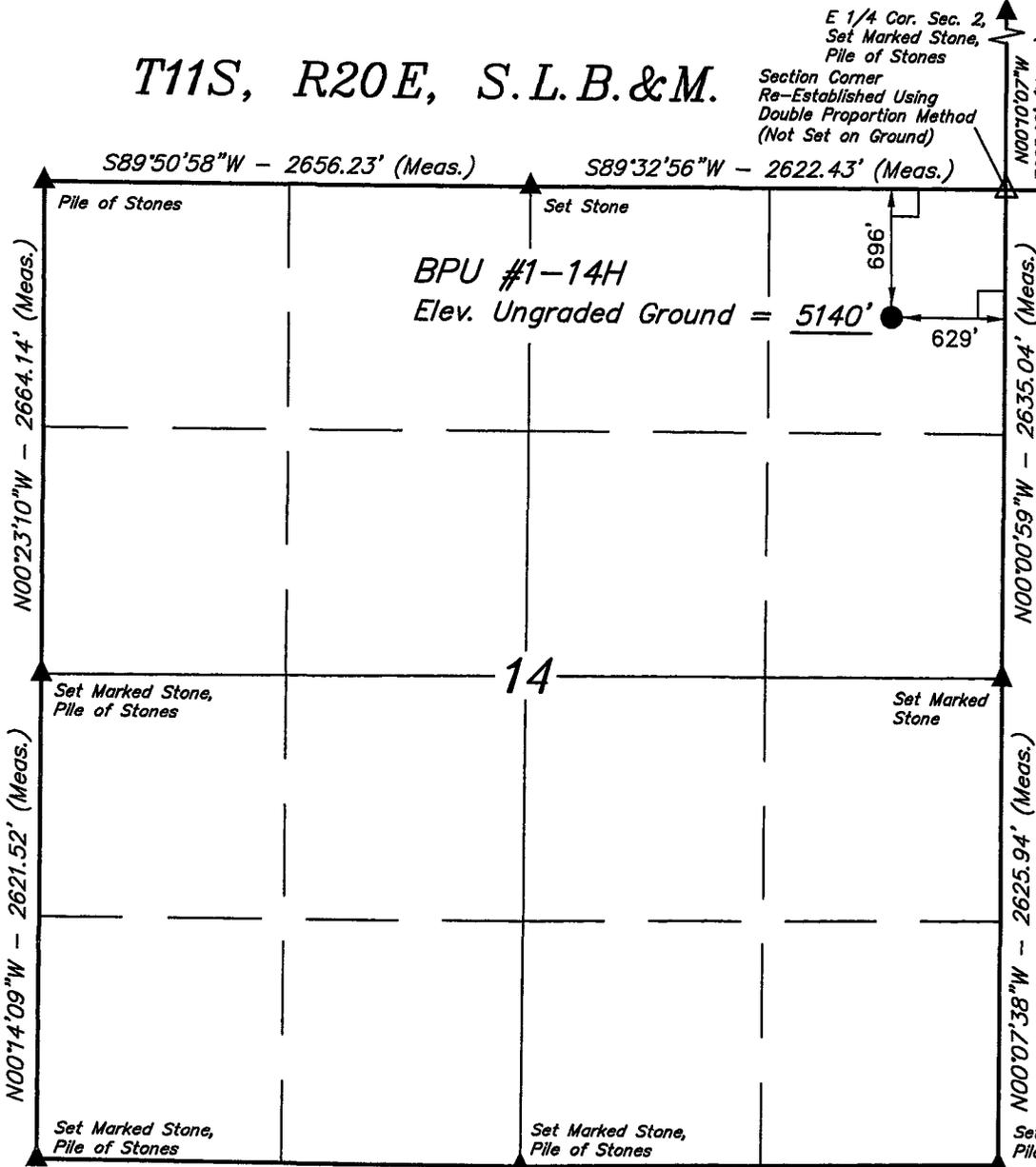
**Federal Approval of this
Action is Necessary**

RECEIVED
APR 10 2008
DIV. OF OIL, GAS & MINING

T11S, R20E, S.L.B.&M.

XTO ENERGY, INC.

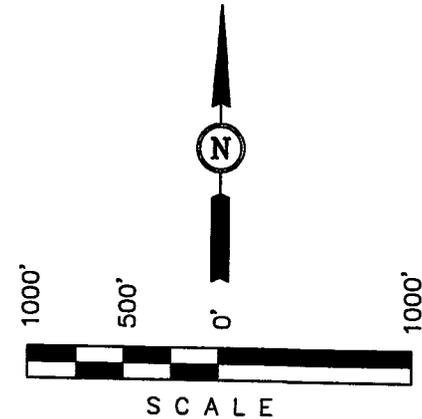
Well location, BPU #1-14H, located as shown in the NE 1/4 NE 1/4 of Section 14, T11S, R20E, S.L.B.&M., Uintah County, Utah.



S89°52'31"E - 5249.98' (Meas.) NE Cor. Sec. 13, Set Marked Stone

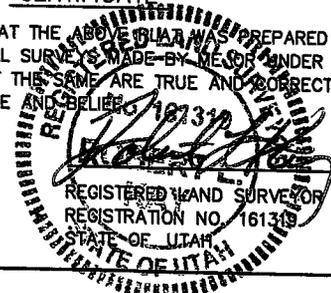
BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE QUARTER WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Revised 3-25-08 D.P.

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD. (Not Set On Ground)

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
 LATITUDE = 39°51'56.72" (39.865756)
 LONGITUDE = 109°38'21.52" (109.639311)
 (NAD 27)
 LATITUDE = 39°51'56.84" (39.865789)
 LONGITUDE = 109°38'19.04" (109.638622)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

| | | |
|-------------------------|----------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 03-22-07 | DATE DRAWN: 03-27-07 |
| PARTY J.R. J.M. L.K. | REFERENCES G.L.O. PLAT | |
| WEATHER COOL | FILE XTO ENERGY, INC. | |



COVER SHEET FOR ALL FEDERAL APDs

Dear BLM Office:

Re: Fiscal Year 2008 Consolidated Appropriations Act

Please charge the \$4000 APD fee to the credit card XTO has provided to the BLM office and send the receipt to:

**Brenda Waller
XTO Energy, Inc.
382 Road 3100
Aztec, NM 87410**

Please contact me if anything further is needed at 505-215-0027.

Sincerely,

XTO Energy, Inc.

Brenda Waller

**Brenda Waller
Manager of Regulatory Compliance**

DRILLING PLAN

BPU 1-14H
March 23, 2008

Location: 696' FNL & 629' FEL, Sec. 14, T11S,RR20E **County:** Uintah **State:** Utah

GREATEST PROJECTED TD: 9000' MD
APPROX GR ELEV: 5140'

OBJECTIVE: Wasatch/Mesaverde
Est KB ELEV: 5154' (14' AGL)

1. MUD PROGRAM:

| INTERVAL | 0' to 2200' | 2200' to 9000' |
|------------|-------------|-------------------------------|
| HOLE SIZE | 12.25" | 7.875" |
| MUD TYPE | FW/Spud Mud | KCl Based LSND / Gel Chemical |
| WEIGHT | 8.4 | 8.6-9.20 |
| VISCOSITY | NC | 30-60 |
| WATER LOSS | NC | 8-15 |

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at \pm 2200' in a 12.25" hole filled with 8.4 ppg mud

| Interval | Length | Wt | Gr | Cplg | Coll Rating (psi) | Burst Rating (psi) | Jt Str (M-lbs) | ID (in) | Drift (in) | SF Coll | SF Burst | SF Ten |
|----------|--------|-----|------|------|-------------------|--------------------|----------------|---------|------------|---------|----------|--------|
| 0'-2200' | 2200' | 36# | J-55 | ST&C | 2020 | 3.66 | 394 | 8.921 | 8.765 | 2.10 | 3.66 | 4.97 |

Production Casing: 5.5" casing set at \pm 9000' in a 7.875" hole filled with 9.2 ppg mud.

| Interval | Length | Wt | Gr | Cplg | Coll Rating (psi) | Burst Rating (psi) | Jt Str (M-lbs) | ID (in) | Drift (in) | SF Coll | SF Burst | SF Ten |
|----------|--------|-----|------|------|-------------------|--------------------|----------------|---------|------------|---------|----------|--------|
| 0'-9000' | 9000' | 17# | N-80 | LT&C | 6280 | 7740 | 348 | 4.892 | 4.767 | 1.84 | 2.27 | 2.27 |

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

4. CEMENT PROGRAM:

- A. Surface: 9.625", 36#, J-55, ST&C casing to be set at \pm 2200' in 12.25" hole.

LEAD:

\pm 185 sx of Type V cement (or equivalent) typically containing accelerator and LCM mixed at 11.0 ppg, 3.82 cu. ft./sk.

TAIL:

225 sx of Class G (or equivalent) typically containing accelerator and LCM mixed at 15.8 ppg, 1.15 cu. ft./sk.

Total estimated slurry volume for the 9.625" surface casing is 956.5 ft³. Slurry includes 35% excess of calculated open hole annular volume to 2200'.

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9000' in 7.875" hole.

LEAD:

±458 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft³/sk, 17.71 gal wtr/sx.

TAIL:

300 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 1953 ft³. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings.

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (9000') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9000') to 2200'.

6. FORMATION TOPS:

| FORMATION | Sub-Sea Elev. (@SHL) | TVD (@SHL) |
|------------------------|-------------------------|---------------|
| Green River | 4755 | 404 |
| Mahogany Bench Mbr. | 4010 | 1,149 |
| Wasatch Tongue | 2,050 | 3,109 |
| Green River Tongue | 1,725 | 3,434 |
| Wasatch* | 1,580 | 3,579 |
| Chapita Wells* | 700 | 4,459 |
| Uteland Buttes | -275 | 5,434 |
| Mesaverde* | -1,050 | 6,209 |
| Castlegate | NA | NA |
| TD** | -3841 | 9000 |

* Primary Objective

7. **ANTICIPATED OIL, GAS, & WATER ZONES:**

A.

| Formation | Expected Fluids | Well Depth Top |
|---------------------|-----------------|----------------|
| Green River | Water/Oil Shale | 404 |
| Mahogany Bench Mbr. | Water/Oil Shale | 1149 |
| Wasatch Tongue | Oil/Gas/Water | 3109 |
| Green River Tongue | Oil/Gas/Water | 3434 |
| Wasatch* | Gas/Water | 3579 |
| Chapita Wells* | Gas/Water | 4459 |
| Uteland Buttes | Gas/Water | 5434 |
| Mesaverde* | Gas/Water | 6209 |
| Castlegate | Gas/Water | N/A |

B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

C. There are no known potential sources of H₂S.

D. Expected bottom hole pressures are between 4100 psi and 4600 psi.

E. Base of Moderately Saline Water (USGS) at 3579'.

8. **BOP EQUIPMENT:**

Surface will not utilize a bop stack.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open. When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

- Annular BOP -- 1500 psi
- Ram type BOP -- 3000 psi
- Kill line valves -- 3000 psi
- Choke line valves and choke manifold valves -- 3000 psi
- Chokes -- 3000 psi
- Casing, casinghead & weld -- 1500 psi
- Upper kelly cock and safety valve -- 3000 psi
- Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

9. **COMPANY PERSONNEL:**

| <u>Name</u> | <u>Title</u> | <u>Office Phone</u> | <u>Home Phone</u> |
|-------------------|-------------------------|---------------------|-------------------|
| John Egelston | Drilling Engineer | 505-333-3163 | 505-330-6902 |
| Bobby Jackson | Drilling Superintendent | 505-333-3224 | 505-486-4706 |
| Glen Christiansen | Project Geologist | 817-885-2800 | |

SURFACE USE PLAN

Name of Operator: XTO Energy, Inc.
Address: P.O. Box 1360; 978 North Crescent
Roosevelt, Utah 84066
Well Location: BPU 1-14H
696' FNL & 629' FEL, NE/4 NE/4,
Section 14, T11S, R20E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction.

The onsite inspection for the referenced well was conducted on Tuesday, May 15, 2007 at approximately 2:00 pm. In attendance at the onsite inspection were the following individuals:

| | | |
|------------------|-----------------------------|---------------------------------------|
| Ken Secrest | Regulatory Coordinator | XTO Energy, Inc. |
| Karl Wright | Natural Resource Specialist | BLM – Vernal Field Office |
| Brandon McDonald | Wildlife Biologist | BLM – Vernal Field Office |
| Dale Birdwell | HSE Coordinator | Dominion E & P, Inc. |
| Don Allred | Surveyor | Uintah Engineering and Land Surveying |
| Randy Jackson | Foreman | Jackson Construction |
| Billy McClure | Foreman | LaRose Construction |
| Don Hamilton | Permitting Agent | Buys & Associates, Inc. |

1. Location of Existing Roads:

- a. The proposed well site is located approximately 15.51 miles south of Ouray, Utah.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Big Pack Unit area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way may be required for the access road and utility corridor segments that are within the Little Canyon Unit area.

2. Planned Access Roads:

- a. From the existing LCU 9-11H access road a new access is proposed trending south approximately 0.6 miles along new disturbance to the proposed well site. The access crosses one significant drainage.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across entirely BLM surface.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project.
- f. No turnouts are proposed since adequate site distance exists in all directions.
- g. One low-water crossing at the existing drainage crossing and one 24" culvert as the access road enters the pad area is anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development (Gold Book – Fourth Edition - Revised 2007).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Existing and/or Proposed Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Covert Green /Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of

sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A pipeline corridor containing a single steel gas pipeline and a single steel or poly pipe water pipeline is associated with this application and is being applied for at this time. The proposed pipeline corridor will leave the north side of the well site and traverse 0.6 miles north to the existing LCU 9-11H pipeline corridor.
- i. XTO Energy, Inc. also requests permission to upgrade the existing pipeline corridor to contain a single steel gas pipeline and a single steel or poly pipe water pipeline within the previously approved pipeline corridor and traverse between the drilled LCU 9-11H and the LCU Trunk Line along the previously approved route.
- j. The new and upgraded segments of the gas pipeline will be a 12" or less buried line and the water pipeline will be a 12" or less buried line within a 45' wide disturbed pipeline corridor.
- k. Construction of the pipeline corridor will temporarily utilize the 30' disturbed width for the road for a total disturbed width of 75' for the road and pipeline corridors. The use of the proposed well site and access roads will facilitate the staging of the pipeline corridor construction.
- l. XTO Energy, Inc. intends to bury the pipeline where possible and connect the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. No water supply pipelines will be laid for this well.
- b. No water well will be drilled for this well.
- c. Drilling water for this will be hauled on the road(s) shown in Exhibit B.
- d. Water will be hauled from one of the following sources:
 - o Water Permit # 43-10991, Section 9, T8S, R20E;
 - o Water Permit #43-2189, Section 33, T8S, R20E;
 - o Water Permit #49-2158, Section 33, T8S, R20E;
 - o Water Permit #49-2262, Section 33, T8S, R20E;
 - o Water Permit #49-1645, Section 5, T9S, R22E;
 - o Water Permit #43-9077, Section 32, T6S, R20E;
 - o Tribal Resolution 06-183, Section 22, T10S, R20E;

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the east side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy, Inc. disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
- b. No camps, airstrips or staging areas are proposed with this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the north.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):
- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
 - b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
 - c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
 - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
 - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
 - o Hy-Crested Wheat Grass (4 lbs / acre)
 - o Needle and Thread Grass (4 lbs / acre)
 - o Squirrel Tail (4 lbs / acre)
 - c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
 - d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
 - e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

a. Operators Contact Information:

| <u>Title</u> | <u>Name</u> | <u>Office Phone</u> | <u>Mobile Phone</u> | <u>e-mail</u> |
|--------------|--------------|---------------------|---------------------|---------------------------|
| Company Rep. | Ken Secrest | 435-722-4521 | 435-828-1450 | Ken_Secrest@xtoenergy.com |
| Agent | Don Hamilton | 435-719-2018 | 435-719-2018 | starpoint@etv.net |

- b. Buys & Associates, Inc. has conducted a Class III archeological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Buys & Associates, Inc.
- c. Alden Hamblin has conducted a paleontological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- d. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.
 - c. The pad will be bermed, ditched and rip-rapped between corners 2 and 6 with a 24" cmp installed where the ditch crosses the proposed pad access.

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under XTO Energy, Inc's BLM bond UTB-000138. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 7th day of April, 2008.

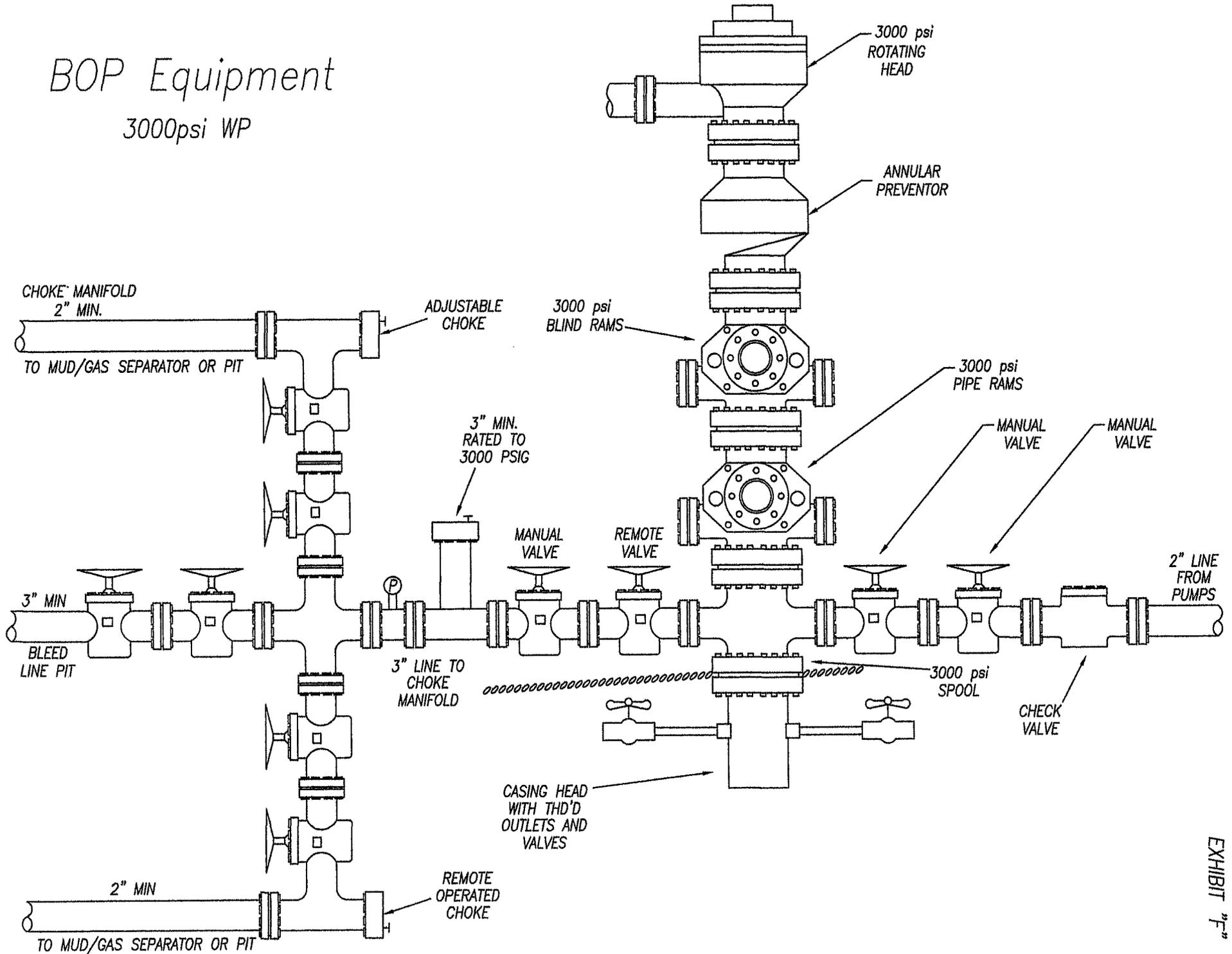
Don Hamilton

Don Hamilton -- Agent for XTO Energy, Inc.
2580 Creekview Road
Moab, Utah 84532

435-719-2018
starpoint@etv.net

BOP Equipment

3000psi WP



CLASS III CULTURAL RESOURCE INVENTORY OF DOMINION'S PROPOSED BIG
PACK UNIT LOCATION #1-14H, ASSOCIATED ACCESS ROAD, AND PIPELINE

UINTAH COUNTY, UTAH

Author:

Shina duVall, Cultural Resource Specialist

Prepared for:

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1400 North State Street; PO Box 1360
Roosevelt, UT 84066

Prepared by:

Buys & Associates, Inc. Environmental Consultants
300 E. Mineral Avenue, Suite 10
Littleton, CO 80122-2655

Principal Investigator: Jonathan D. Kent, Ph.D
Field Supervisor: Stephen Snyder

Buys & Associates, Inc. Report No.: U-07-477-06-0011
State of Utah Project No.: U-07-UY-0797b

July 23, 2007

Utah State Archaeological Survey Permit No.: 85
United States Department of the Interior Federal Land Policy and Management Act
(FLPMA) Permit No.: 07UT85002

CONFIDENTIALITY NOTICE:

Section 304 of the National Historic Preservation Act (16 U.S.C. 470w-3[a]) and Section 9 of the Archaeological Resources Protection Act of 1979 (16 U.S.C. 470hh) establish regulations regarding the confidentiality of information concerning the nature and location of archaeological resources. Therein is stated that information concerning the nature and location of any archaeological resource may not be made available to the public unless the Federal land manager concerned determines that such disclosure would not create a risk of harm to such resources or to the site at which such resources are located, or impede the use of a traditional religious site by practitioners.

As such, to the extent permitted by law, all information on archaeological resources and their locations gathered and presented with regard to the proposed project will be treated as confidential. All parties associated with the proposed project will ensure (1) that all information regarding specific site locations is kept confidential except for disclosures required by law or necessary to carry-out protection of sites; (2) that specific site locations are not included in any document made available to the general public; and (3) this information shall not be utilized by the requestor to destroy, excavate, or vandalize resources.

ABSTRACT

A Class III cultural resource inventory was conducted by Buys & Associates, Inc. in July 2007 for Dominion Exploration & Production, Inc.'s proposed well location #1-14H and 0.34 miles of associated access road and pipeline. The Project Area is located east of the Green River, just south of the confluence of Hill Creek and Willow Creek, in the general area of Big Pack Mountain in the Uinta Basin, Uintah County, Utah. The legal location of the Project Area is Sections 11 and 14, Township 11S, Range 20E. The total area of survey included 13.79 acres on land administered by the Bureau of Land Management Vernal Field Office.

This Class III inventory resulted in the identification of three previous cultural resource inventories that were conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 88 archaeological sites (**42Un1294-42Un1304, 42Un1340-42Un1342, 42Un1780, 42Un1953, 42Un2487, TRC Mariah 142236 and 142207, 42Un1386, 42Un3067-42Un3126, and 42Un3128-3135**), 14 of which (**42Un1386, 42Un3068, 42Un3073, 42Un3076, 42Un3079, 42Un3082, 42Un3085, 42Un3087, 42Un3095, 42Un3099, 42Un3101, 42Un3119, 42Un3129, and 42Un3131**) were determined to be eligible for listing on the National Register of Historic Places. However, none of these previously recorded sites is located in the Project Area. No new cultural resources were recorded as a result of this inventory.

No avoidance or mitigation measures are recommended for the proposed project as there will be no effects to any historic properties as a result of the undertaking. Therefore, a determination of "no historic properties affected" is proposed for the project pursuant to Section 106 of the National Historic Preservation Act (36 CFR 800).

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1. INTRODUCTION

Buys & Associates, Inc. (B&A) conducted this Class III cultural resource inventory of Dominion Exploration & Production, Inc.'s (Dominion) proposed well location #1-14H and 0.34 miles of associated access road and pipeline. The Project Area is located east of the Green River, just south of the confluence of Hill Creek and Willow Creek, in the general area of Big Pack Mountain in the Uinta Basin, Uintah County, Utah. The legal location of the Project Area is in Sections 11 and 14, Township 11S, Range 20E (**Figure 1.1**). The total area of survey included 13.79 acres on land administered by the Bureau of Land Management (BLM) Vernal Field Office.

This cultural resource inventory was conducted in compliance with Federal and State legislation including Section 106 of the National Historic Preservation Act of 1966 (as amended) (NHPA), the National Environmental Policy Act of 1969, the Archaeological and Historic Preservation Act of 1974, the Archaeological Resources Protection Act of 1979 (ARPA), and the American Indian Religious Freedom Act of 1978. The NHPA sets forth national policy and procedures regarding "historic properties"—that is, regions, sites, buildings, structures, and objects included in or eligible for the National Register of Historic Places (NRHP). Section 106 of the NHPA requires Federal agencies to consider the effects of their undertakings on such properties, following regulations issued by the Advisory Council on Historic Preservation (ACHP) (36 CFR 800).

Criteria for evaluating the significance of resources for listing on the NRHP are outlined in 36 CFR 800.10, "National Register Criteria." The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

- a) that are associated with events that have made a significant contribution to the broad patterns of our history;
- b) that are associated with the lives of persons significant in our past;
- c) that embody the distinctive characteristics of a type, period, or method of construction, or represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; and
- d) that have yielded, or may be likely to yield, information important in prehistory or history.

This Class III cultural resource inventory was conducted by Stephen Snyder and Jeff Yelton of B&A during the week of July 2-6, 2007. The records search was conducted by Marty Thomas at the Division of State History, Salt Lake City, Utah on May 31, 2007. Jonathan D. Kent, Ph.D, served as the principal investigator. Stephen Snyder served as the Field Supervisor. All field notes and photographs are on file at B&A's office in Littleton, Colorado under project number U-07-477-06-0011.

This Class III inventory resulted in the identification of three previous cultural resource inventories that were conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 88 archaeological sites (**42Un1294-42Un1304, 42Un1340-42Un1342, 42Un1780, 42Un1953, 42Un2487, TRC Mariah 142236 and 142207, 42Un1386, 42Un3067-42Un3126, and 42Un3128-3135**), 14 of which (**42Un1386, 42Un3068, 42Un3073, 42Un3076, 42Un3079, 42Un3082, 42Un3085, 42Un3087, 42Un3095, 42Un3099, 42Un3101, 42Un3119, 42Un3129, and 42Un3131**) were determined to be eligible for listing on the NRHP. However, none of these previously recorded sites are located in the Project Area. No new cultural resources were recorded as a result of this inventory.

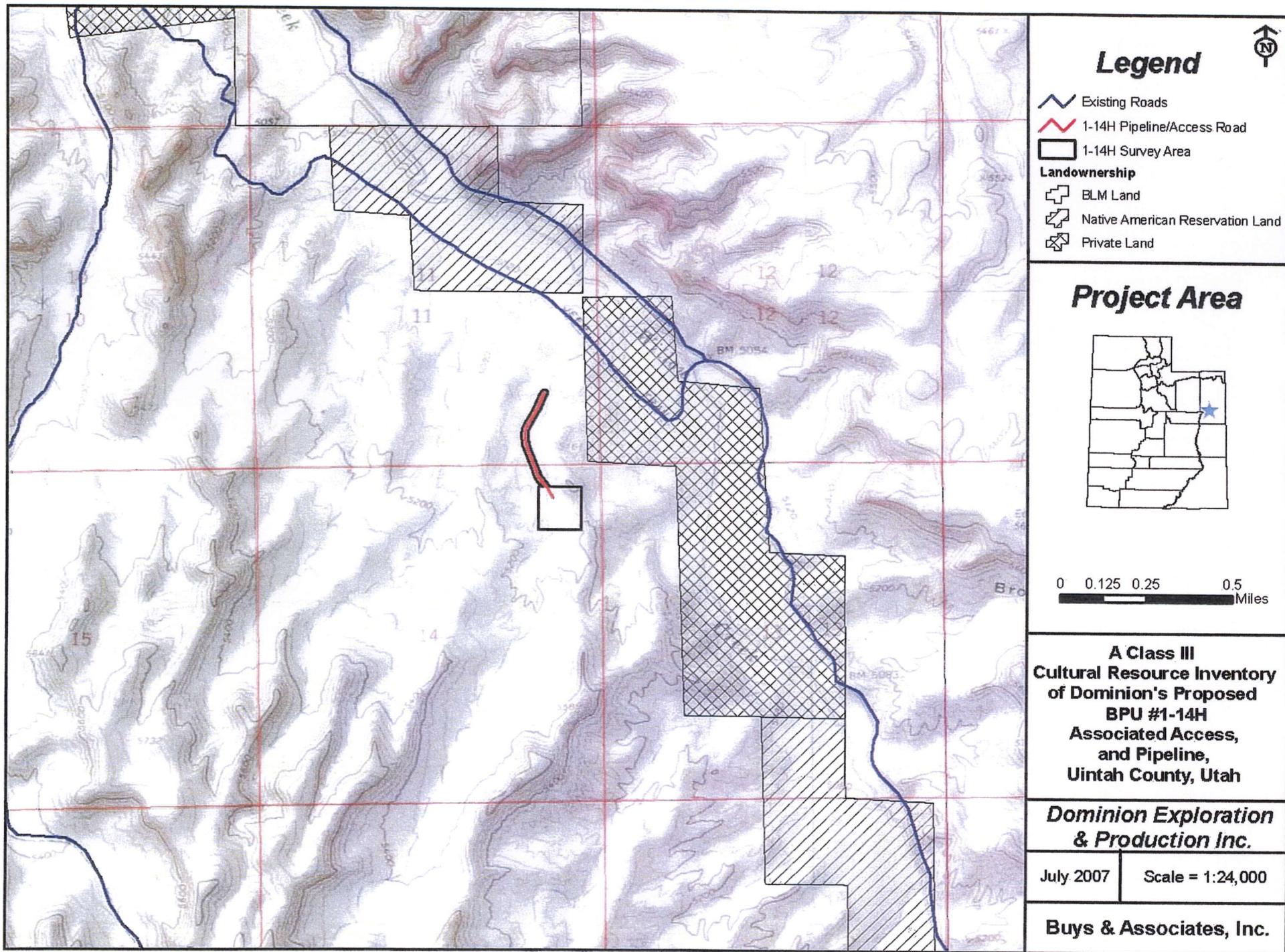


Figure 1.1 Location of Dominion's Proposed Big Pack Unit #1-14H, Associated Access Road and Pipeline.

2. ENVIRONMENT

The Uinta Basin and Uinta Mountains are located in the northeast corner of the State of Utah and are part of a larger physiographic area known as the Colorado Plateau. The Project Area is located east of the Green River, just south of the confluence of Hill Creek and Willow Creek, in the general area of Big Pack Mountain in the Uinta Basin, Uintah County, Utah. The elevation of the Project Area ranges from approximately 5,100 to 5,700 feet. The topography consists of flat rocky ridges dissected by deep narrow canyons. It is characterized by raised, sloping benches or rides, incised ephemeral draws, and washes. Soils in the Project Area are shallow and consist of clay loams. Colluvium with some bedrock sandstone is also present. Drainage in the area is to the north with the Alger Pass drainages associated with Kings Canyon and the Willow Creek Unit drainages connected to Brown Canyon. Vegetation in the area includes Utah juniper, pinyon pine, black sagebrush, shadscale, galleta grass, Gardner's saltbush, prickly phlox, horsebrush, bud sage, American kochia, and cheat grass, with either pinyon and juniper trees and sagebrush as the dominant vegetation type. The Project Area and the Green River to the north and west provide habitat for numerous species of birds, mammals, reptiles, amphibians, fish, and invertebrates. Modern disturbances include oil and gas facilities and various roads.

3. CULTURE HISTORY

The prehistory of the Uinta Basin is complex and poorly understood because of its location at the intersection of the Great Basin, Colorado Plateau, and Northern Plains cultures. The cultural trajectory of change in the Uinta Basin has been generally categorized into five cultural-chronological periods, defined by Jennings (1986). These are the Paleoindian, Archaic, Formative (Fremont), Post Formative (Protohistoric), and Contact periods. The earliest evidence of a human presence in the area (during the Paleoindian period) dates back to approximately 12,000 years before present (B.P.) during the terminal Pleistocene. This period is characterized by specialized hunting of big game animals, including the now-extinct species of mammoth and bison. Evidence for the Paleoindian presence in the Uinta Basin region comes from a few Clovis and Folsom projectile points and some Plano Complex lanceolate projectile points (Hauck 1998). However, these sparse isolated finds define the extent of the Paleoindian presence in the area, as few sites associated with the period have been sufficiently documented (Spangler 1995:332).

The Archaic stage, which dates from approximately 8000 B.P. to 1500 B.P., is better represented in the archaeological record of the area. This period is further subdivided into the Early Archaic phase, which dates from approximately 8000 to 5000 B.P.; the Middle Archaic, which dates to approximately 5000 B.P. to 2500 B.P.; and the Late Archaic, which dates from approximately 2500 B.P. to 1450 B.P. In the Uinta Basin, there are few artifacts or sites dating to the Early Archaic, but the Middle and Late Archaic phases are better represented in the archaeological record (Holmer 1986). In comparison to the Paleoindian period, the Archaic period is characterized by increased foraging subsistence strategy. Archaic peoples exploited a wide variety of floral resources, and began hunting an array of smaller to medium-sized game animals such as cottontail rabbits, muskrats, birds, beavers, prairie dogs, deer, antelope, mule, and

bighorn sheep. Archaic period cultural material includes an elaboration and expansion of the lithic toolkit with the introduction of new types of projectile points and the atlatl. Site types associated with the Archaic period include rock shelters, open-air campsites, plant gathering areas, and processing sites (Spangler 1995). The archaeological record indicates that the population in the Uinta Basin increased during the Middle Archaic period and continued to increase into the Late Archaic period. The first evidence of the construction of formal architectural features, such as semi-subterranean residential structures, and the beginnings of maize horticulture begin during the Late Archaic period.

The Formative period (Fremont) dates to approximately 2500 B.P. to annos domini (A.D.) 1400. During this period, the populations living in the Uinta Basin became more dependent on cultivated crops including corn, beans, and squash (Marwitt 1970). The Formative period is also marked by increased sedentism and the introduction of more elaborate and formal architectural features, such as shallow pithouse structures. Larger groups began occupying more permanent villages and some habitation sites appear to be positioned in strategic locations, such as atop buttes (Shields 1970). In addition, the Formative period, known in this area as the Uinta Fremont, witnessed the introduction of additional specialized technologies such as ceramics and the bow and arrow. The archaeology of Uinta Fremont architectural features has revealed evidence of postholes, hearths, two-handled wide-mouth vessels, and metates (Shields 1970).

The archaeological record indicates that the Formative period overlaps with the Post-Formative (Protohistoric) period as evidence suggests the arrival of Numic peoples in the area before the disappearance of Formative-period peoples (Reed 1994). Evidence of Numic (Ute and Shoshonean) artifacts and sites appears around approximately A.D. 1100. This transition from the Formative to the Post-Formative (Protohistoric) periods is characterized by a return to subsistence and settlement patterns that resembled the Archaic period trends, including more nomadic and semi-sedentary lifeways, and increased hunting and gathering. The exact nature, timing, and reasons for this transition and the apparent replacement of the rich and extensive Fremont culture and subsequent return to a more nomadic, hunting and gathering lifeway is unknown. Floral and faunal resources exploited by Numic-speaking peoples appear to have included goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds, saltbush seeds, knotweed, chokecherry, chickweed, various small game, and deer, elk, pronghorn, and bison (Reed 1994:191). The habitation features of the Numic-speaking peoples consist primarily of wickiups, which are frame huts covered with matting made from bark or brush. It appears that the seasonal movement of small groups during this period was necessary to utilize these various resources. Cultural material in the archaeological record that is associated with Numic-speaking peoples include lithic stone tool scatters, brown ware pottery, "Shoshonean knives" (Janetski 1994), and rock art.

Euro-American activity in the Uinta Basin began with an initial interest in trapping and mineral and petroleum development and is generally defined by periods of Exploration, Trapping and Trading (1776-1852); Early Settlement (1853-1861); Reservation (1862-1868); Secondary Settlement and Early Irrigation (1869-1885); Mineral Development (1886-1904); Land Rush and Water Development (1905-1927); Drought, Depression, and World War II (1928-1945); and Post-War (1946-present).

The Dominguez and Escalante expedition of 1776 marks the beginning of the historic period in this area. In his diary, Escalante called the basin "a fine plain abounding in pasturage and fertile, arable land, provided it were irrigated." These explorers opened the basin to Spanish, Mexican, American, and British fur-trappers, traders, and settlers. Over the next 100 years, early trappers, Mormon settlers, surveyors, and military expeditions passed through or settled in the area. Historic resource exploitation in this area includes mining, logging, and oil and gas extraction. The early historic periods were often marked by conflict between the original inhabitants of the region and Euro-American groups.

Between the late 1820s and the 1840s, the basin and mountains were visited by such prominent historical figures as William H. Ashley, Etienne Provost, Antoine Robidoux, and Kit Carson. At least two semi-permanent trading posts were established in the basin. These included Fort Robidoux (Fort Uintah or Winty) and Fort Kit Carson. Furthermore, several expeditions visited the area, including the Captain John C. Fremont expedition during the 1840s, and that of Major John Wesley Powell who floated the Green River in 1869 and 1871. The area was not initially identified as an area to be settled by Mormon leaders. In the early 1860s, Brigham Young sent a small expedition to the area to determine its suitability for settlement, but the expedition reported that "all that section of country lying between the Wasatch Mountains and the eastern boundary of the territory, and south of Green River country, was one vast contiguity of waste and measurably valueless...excepting for nomadic purposes, hunting grounds for Indians and to hold the world together."

The Uintah Reservation was established in 1861. Several Ute groups, including the Uinta-ats (Tavaputs), PahVant, Tumpanawach, Cumumba, and Sheberetch formed the Uintah Band during the late 1860s to early 1870 (Burton 1996). The Uintah Reservation was established to include Utes who had previously lived in central Utah and Ute groups from Colorado, specifically the White River Utes who had participated in the Meeker Massacre of September 29, 1879, were added to the Utah reservation in 1882 (Burton 1996; Callaway, Janetski, and Stewart 1986). The establishment of the reservation and subsequent inclusion of Ute groups from Colorado required that the Utes living in central Utah and the White River Utes of Colorado give up their residence there, and move to the Uintah Reservation, which is located in the northeast portion of the state of Utah. In addition, the Ouray Reservation, which bordered the southern boundary of the Uintah Reservation, was established during this time. This reservation was set up to include a band of Uncompahgre Utes. The Utes that were forced to move into these reservations were forced to sell their lands, and in many cases were not compensated for any resulting loss of land or independence. Furthermore, their relocation, residence, and containment on the two reservations was enforced militarily by the infantry stationed at the Department of War at Fort Thornburgh, which was established in 1881 (Burton 1996). Originally, the Uintah-Ouray Reservation encompassed over 3.5 million acres. However, today, the Uintah Utes, White River Utes, and Uncompahgre Utes occupy only a small fraction of their former reservation lands. Between 1890 and 1933, over 500,000 acres of the Uintah-Ouray Reservation were taken for homesteading, and in 1906, over 900,000 additional acres were taken from the reservation and added to the National Forests (Clemmer 1986).

Thomas Smart was one of the first white settlers to inhabit the area east of Ouray in 1878. This was followed by additional settlement in the area of the White River in the late 1870s to early 1880s. In 1888, gilsonite and other asphaltum minerals were

discovered in various parts of the basin, which included eastern portions of the Uintah-Ouray Reservation. Miners convinced the Federal government to withdraw 7,000 acres from the reservation so that they could legally proceed with gilsonite mining activities. This area was called "the Strip." Between the late 1880s and early 1900s, the Dawes Act of 1887 and other mining and development campaigns succeeded in opening the Uinta Basin Indian Reservations, including the Uintah, the Ouray, and the Uncompahgre, to homesteading, development, and mining activities. The Mormon presence and increased settlement in the area grew after Thomas Smart's brother, William H. Smart, organized several expeditions into the Ouray Valley and the newly opened Ute Reservation. William H. Smart also became the president of the Wasatch Latter Day Saints (LDS) State in 1901 (Burton 1998). Several LDS families relocated to this area following Smart's initial exploration.

Early settlers in the region depended on livestock as the primary industry. Ranching and livestock make up an important part of the history of the Uinta Basin. Cattle were brought in from Brown's Park in Texas and other eastern areas since the early 1850s, and they were brought up to the Green River and surrounding mountain areas. The area offered an abundance of grass and water appropriate for livestock management. In 1912, the Uintah Cattle and Horse Growers Association was established. This group served to organize and issue brands to ranchers and to curtail rampant cattle rustling, which was becoming a significant problem as existing ranches grew in size and new ranches were established in the area (Burton 1996). Following the development of the cattle ranching industry, the sheep industry and the production of wool became an important industry in the Uinta Basin and its introduction coincided and possibly played a part in the waning of the cattle ranching industry. Sheep were desirable because of their heartiness and ability to survive the difficult basin winters better than cattle. Robert Bodily introduced the region to sheep in 1879 when he introduced a herd of 60. Following this introduction, the number of sheep being ranches in the region grew to approximately 50,000 head by the mid 1890s. Large-scale shearing corrals were built by C.S. Carter, and later by the Uintah Railway Company, and in 1899, the Uinta Basin sheep ranching industry was shipping 500,000 pounds of wool out of the area. The enormous growth of the wool industry in the region resulted in the passing of the Taylor Grazing Act in 1934, which designated certain areas as "districts" to stockmen, and required permits for livestock grazing. This act and acts like it led in part to the development of the Bureau of Land Management in 1946 (Burton 1996).

Uintah County is recognized for its various natural resources. These include coal, copper, iron, asphalt, shale, and as aforementioned, gilsonite. Commercial oil production began in 1948, but was not fully exploited until the 1970s, when the price of crude oil increased. The region has since experienced a boom and bust economic climate that is highly dependent on the price of and demand for oil and gas. Most recently the economic stability of the Uinta Basin is increasingly dependent on world energy prices and demand.

4. CLASS I INVENTORY

A file search for previous projects and documented cultural resources was conducted at the Division of State History – Utah State Historic Preservation Office (USHPO) on May 31, 2007. The purpose of the file search was to identify the previous cultural resource inventories conducted within the Project Area and the number, type, and eligibility

recommendations made for all of the archaeological sites previously documented. The NRHP National Register Information System (NRIS) online database was also consulted to determine if there are any NRHP-listed sites within the Project Area.

The results of the Class I inventory indicated that three cultural resource inventories had been conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 88 archaeological sites (42Un1294-42Un1304, 42Un1340-42Un1342, 42Un1780, 42Un1953, 42Un2487, TRC Mariah 142236 and 142207, 42Un1386, 42Un3067-42Un3126, and 42Un3128-3135), 14 of which (42Un1386, 42Un3068, 42Un3073, 42Un3076, 42Un3079, 42Un3082, 42Un3085, 42Un3087, 42Un3095, 42Un3099, 42Un3101, 42Un3119, 42Un3129, and 42Un3131) were determined to be eligible for listing on the NRHP. However, none of these previously recorded sites is located in the Project Area. These inventories and their findings are summarized in Table 4.1.

Table 4.1 Previous Cultural Resource Inventories Conducted in the Vicinity of the Project Area and Applicable Findings

| Project No. | Company Name | Project Name | Findings |
|--------------------|---|---|--|
| U-83-CE-0499b | Chambers Consultants and Planners | Cultural Resource Study on the White River Oil Shale Lease Lands in the Vernal District, Utah | 42Un1294-42Un1304, 42Un1340-42Un1342 |
| U-02-MQ-0243b,p,s | Montgomery Archaeological Consultants, Inc. | Cultural Resources Inventory of Seven Seismic Lines for the Veritas Uintah Seismic Project, Uintah County, Utah | 42Un1780, 42Un1953, 42Un2487, TRC Mariah 142236 and 142207, 42Un1386, 42Un3067-42Un3126, 42Un3128-3135 |
| U-05-MQ-0098b | Montgomery Archaeological Consultants, Inc. | Cultural Resource Inventory of Mak-J Energy's Main Pipeline for Big Pack Mtn Well Locations, T 11S, R20E and T111S, R21E, Uintah County, Utah | No Cultural Resources |

5. FIELD SURVEY

The objective of the field inventory is to identify and document all eligible prehistoric and historic archaeological sites, as well as areas that may have a high probability of significant subsurface materials that may be impacted by the proposed undertaking. During the survey, the ground surface is examined for archaeological artifacts, features, or other evidence of human presence including charcoal-stained sediments or rock surface oxidation indicating the presence of fire. Particular consideration is given to areas of existing surface disturbance, including areas of erosion, cutbanks, animal burrows, anthills, roads, and other areas of construction activities as these areas provide indications of the potential for subsurface deposits of cultural material.

The Class III field inventory was conducted on all areas proposed for surface disturbance. At each proposed well location, a 10-acre square parcel is defined, centered on the well pad center stake. The survey area width for the access road and

pipeline routes is 30 meters (100 feet) to either side of the centerline. A 100 percent pedestrian coverage survey is then conducted on the entire 10-acre area with archaeologists walking parallel transects spaced at 15 meters (45 feet) apart.

6. SUMMARY OF THE KNOWN CULTURAL RESOURCES

This Class III inventory resulted in the identification of three previous cultural resource inventories that were conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 88 archaeological sites (**42Un1294-42Un1304**, **42Un1340-42Un1342**, **42Un1780**, **42Un1953**, **42Un2487**, **TRC Mariah 142236** and **142207**, **42Un1386**, **42Un3067-42Un3126**, and **42Un3128-3135**), 14 of which (**42Un1386**, **42Un3068**, **42Un3073**, **42Un3076**, **42Un3079**, **42Un3082**, **42Un3085**, **42Un3087**, **42Un3095**, **42Un3099**, **42Un3101**, **42Un3119**, **42Un3129**, and **42Un3131**) were determined to be eligible for listing on the NRHP. However, none of these previously recorded sites is located in the Project Area.

No new cultural resources were recorded during the survey of 13.79 acres for Dominion's Proposed Big Pack Unit location #1-14H, associated access road, and pipeline.

7. EVALUATION AND RECOMMENDATIONS

No avoidance or mitigation measures are recommended for the proposed project as there will be no effects to any historic properties as a result of the undertaking. Therefore, a determination of "*no historic properties affected*" is proposed for the project pursuant to Section 106 of the NHPA (36 CFR 800).

To minimize any potential damage to or destruction of cultural resources and to maintain compliance with Federal and State cultural resource legislation, the following stipulations should be adhered to by all project personnel:

- The operator and its contractors would inform their employees about Federal regulations intended to protect cultural resources. All personnel would be informed that collecting artifacts, including arrowheads, is a violation of Federal law.
- If cultural resources are uncovered during surface-disturbing activities, the operator and its contractors would suspend all operations at the site and the discovery would be immediately reported to the Authorized Officer, who would arrange for a determination of significance in consultation with the SHPO, and if necessary, recommend a recovery or avoidance plan.
- All vehicular traffic, personnel and equipment movement, and construction activities should be confined to the locations surveyed for cultural resources as referenced in this report, and to the existing roadways and/or inventoried access routes.

8. REFERENCES

- Burton, D.K. 1996. *A History of Uintah County. Scratching the Surface*. Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission, Salt Lake City, Utah.
- Burton, D.K. 1998. *Settlements of Uintah County, Digging Deeper*. Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission, Salt Lake City, Utah.
- Callaway, D., J. Janetski, and O.C. Stewart. 1986. Ute. In *Great Basin*, edited by Warren L. D'Azevedo, pp. 336-367. Handbook of North American Indians, Volume II: Great Basin, edited by William C. Sturtevant, Smithsonian Institution, Washington.
- Clemmer, R.O. 1986. Hopis, Western Shoshones, and Southern Utes: Three Different Responses to the Indian Reorganization Act of 1934. *American Indian Cultural and Research Journal* 10:15-40.
- Hauck, F.R. 1986. Cultural Resource Examination of Four Proposed Well Locations in the Saddletree Draw - Atchees Wash Locality of Uintah County, Utah. Archaeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-86-AF-781b.
- Holmer, R. 1986. Projectile Points of the Intermountain West. In *Anthropology of the Desert West: Essays in Honor of Jesse D. Jennings*, edited by Carol J. Condie and Don D. Fowler, pp. 89-116. *University of Utah Anthropological Papers* No. 110. Salt Lake City.
- Janetski, Joel. 1994. *Recent Transitions in the Eastern Great Basin: The Archaeological Record*. In *Across the West: Human Population Movement and the Expansion of the Numa*, edited by David B. Madsen and David Rhode, pp. 157-178. University of Utah Press, Salt Lake City, Utah.
- Jennings, J.D. 1986. *Handbook of North American Indians, Volume 11, Great Basin*. Subeditor and contributor. Washington, D.C.: Smithsonian Institution. American archaeology 1930-1985: One person's view. In *American Archaeology: Past, Present, and Future. A Celebration of the Society for American Archaeology, 1935-1985*, eds. D. Meltzer, D. Fowler, and J. A. Sabloff. Washington, D.C.: Smithsonian Institution Press.
- Marwitt, J.P. 1970. Median Village and Fremont Culture Regional Variation. *University of Utah Anthropological Papers* No. 95. Salt Lake City.
- Reed, A.D. 1994. The Numic Occupation of Western Colorado and Eastern Utah during the Prehistoric and Protohistoric Periods. In *Across the West: Human Population Movement and the Expansion of the Numa*, edited by D.B. Madsen and D. Rhode. University of Utah Press.
- Shields, W.F. 1970. The Fremont Culture in the Uinta Basin. Paper presented at the Fremont Culture Symposium, 35th Annual Meeting of the Society for American Archaeology, Mexico City.

Spangler, J.D. 1995. Paradigms and Perspectives, A Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau, Volume II. Uinta Research, Salt Lake City, Utah.

PALEONTOLOGY EVALUATION SHEET

PROJECT: Dominion Wells BCU #1-14H

LOCATION: Fifteen miles south of Ouray, Utah. 696' FNL 629' FEL, Section 14, T11S, R20E, Uintah County, Utah.

OWNERSHIP: PRIV[] STATE[] BLM[X] USFS[] NPS[] IND[] MIL[] OTHER[]

DATE: April 16, 2007

GEOLOGY/TOPOGRAPHY: Canyon walls in surrounding area are of the Green River Formation, upper part, Upper Eocene age. The well pad sits on the west side of Willow Creek. The well pad is mostly on alluvium but some Green River Formation occurs at the southeast and southwest corners and one knoll north of the center stake.

PALEONTOLOGY SURVEY: YES [] NO Survey [] PARTIAL Survey [X]
Did not survey the alluvium. Exposures of the Green River Formation were surveyed by a pedestrian survey.

SURVEY RESULTS: Invertebrate [] Plant [X] Vertebrate [] Trace [] No Fossils Found []
Found several chips of petrified wood ½ to 1 x 2 inches on the small knoll. Not recorded at a locality.

PALEONTOLOGY SENSITIVITY: HIGH [] MEDIUM [] LOW [X] (PROJECT SPECIFIC)

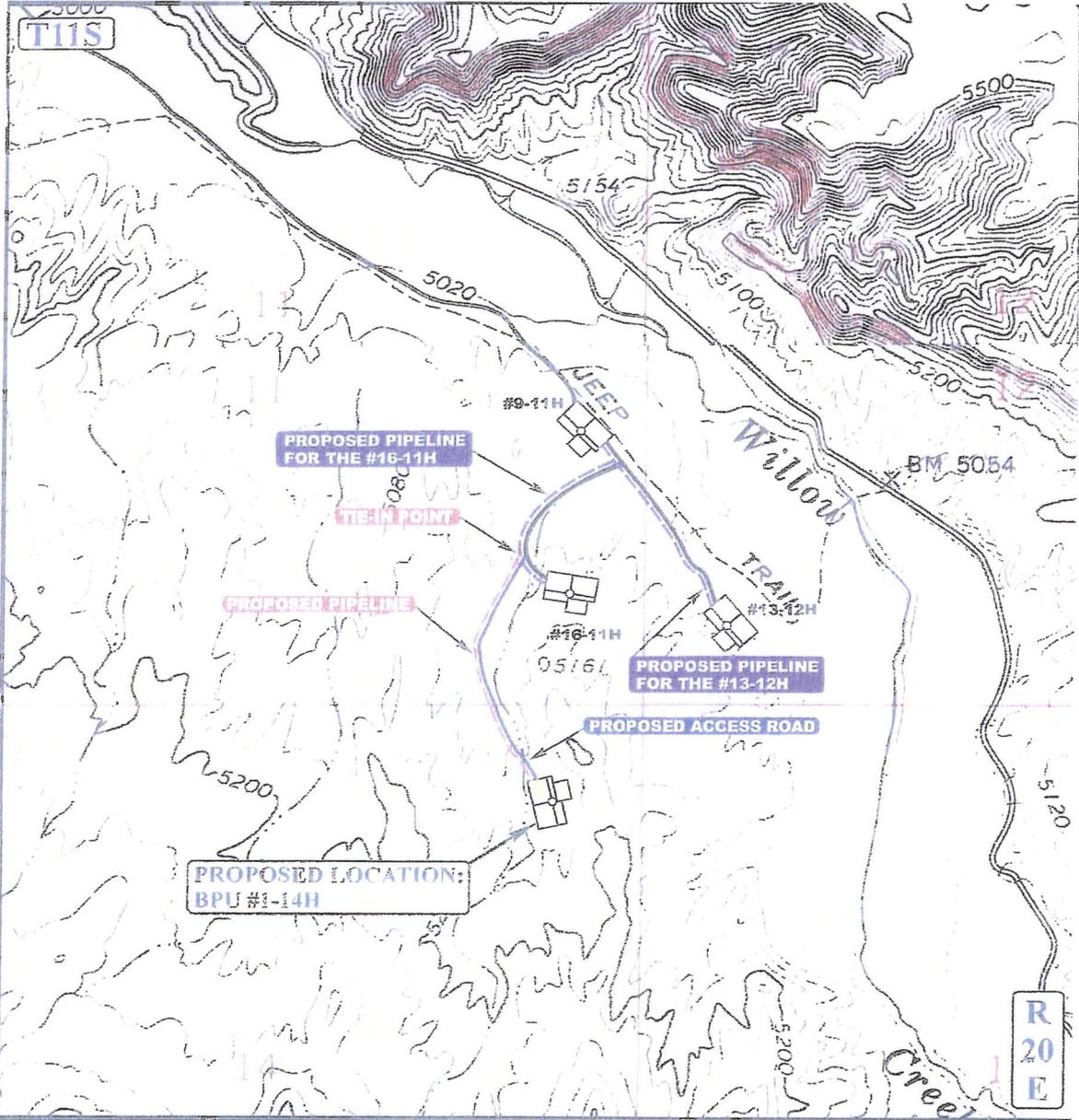
MITIGATION RECOMMENDATIONS: NONE [X] OTHER [] (SEE BELOW)

No recommendations being made.

There is always some potential for discovery of significant paleontological resources in the Green River Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, fish, etc.) are encountered during construction, work should stop in that area and a paleontologist should be contacted to evaluate the material discovered.

PALEONTOLOGIST: Alden H. Hamblin

A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355
Utah State Paleontological Permit # 04-339, BLM paleontological Resources Permit # UT-S-05-02,
Ute Tribe Access Permits – 03/31/07 & 09/30/07. Utah Professional Geologist License – 5223011-2250.



APPROXIMATE TOTAL PIPELINE DISTANCE: 1.853

| | | | | |
|----------------|--|---|-------|--|
| LEGEND: | | PROPOSED ACCESS ROAD | N | DOMINION EXPLR. & PROD., INC. BPU #1-14H SECTION 14, T11S, R20E, S.L.B.&M. 696' FNL 629' FEL |
| | | PROPOSED PIPELINE (SERVICING OTHER WELLS) | | |

| | |
|--|--|
| | Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813 |
|--|--|

| | | |
|--------------------|----------------------------------|--|
| TOPOGRAPHIC MAP | 03 26 07 MONTH DAY YEAR | |
| SCALE: 1" = 1000' | DRAWN BY: L.K. REVISED: 00-00-00 | |

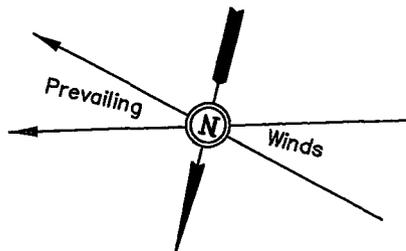
XTO ENERGY, INC.

LOCATION LAYOUT FOR

BPU #1-14H
SECTION 14, T11S, R20E, S.L.B.&M.
696' FNL 629' FEL

Proposed #B-14H
Access Road

Install CMP
As Needed



SCALE: 1" = 50'
DATE: 03-27-07
Drawn By: L.K.
Revised 3-25-08 D.P.

Approx.
Top of
Cut Slope

NOTE:
Flare Pit is to be located
a min. of 100' from the
Well Head.



El. 40.8'
C-14.8'
(btm. pit)

Reserve Pit Backfill
& Spoils Stockpile

10' WIDE BENCH

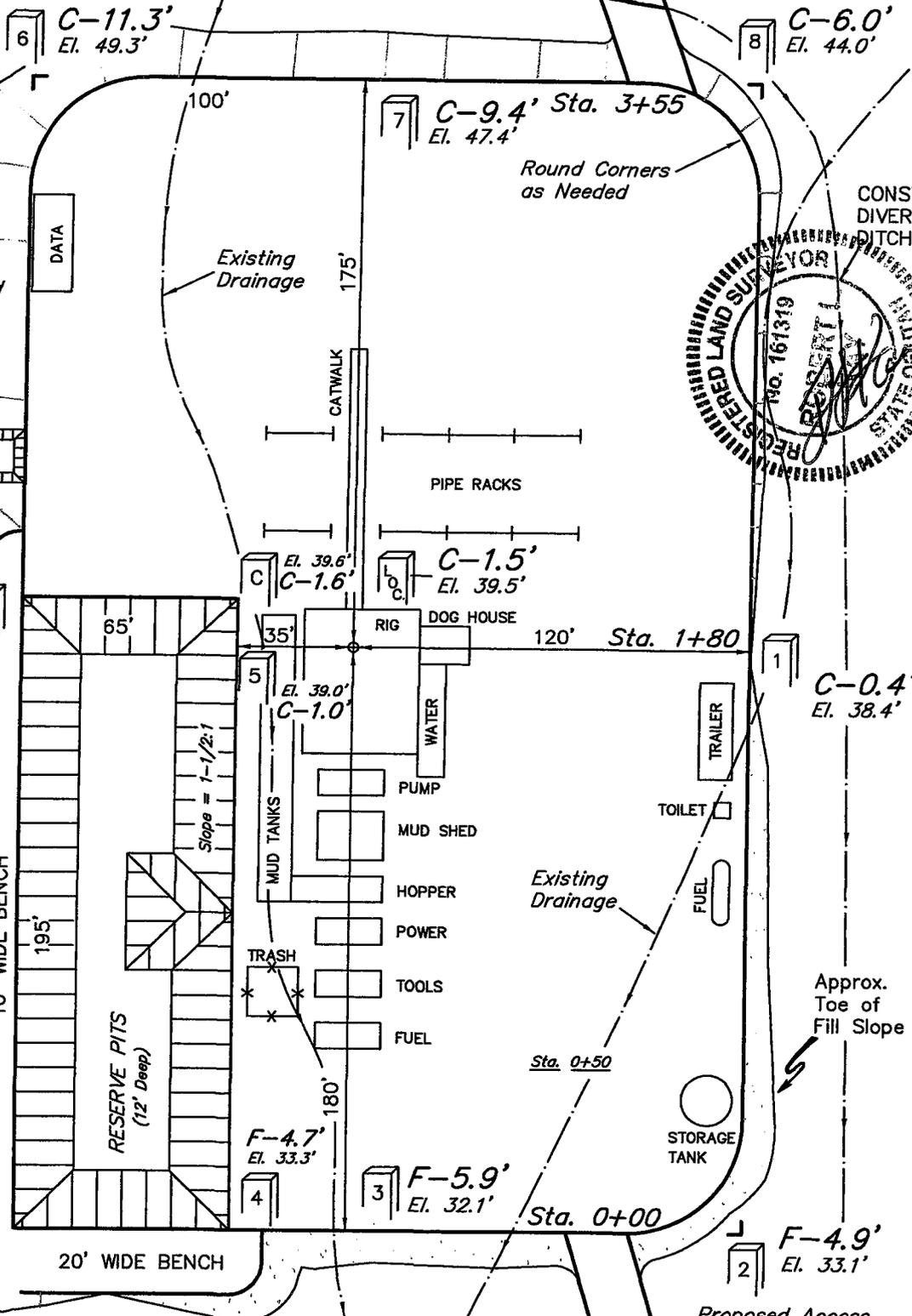
RESERVE PITS
(12' Deep)

20' WIDE BENCH

Total Pit Capacity
W/2' of Freeboard
= 13,770 Bbls. ±
Total Pit Volume
= 3,750 Cu. Yds.

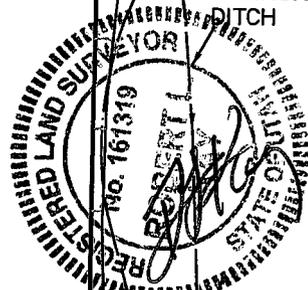
C-12.8'
El. 38.8'
(btm. pit)

Elev. Ungraded Ground at Location Stake = 5139.5'
Elev. Graded Ground at Location Stake = 5138.0'



Round Corners
as Needed

CONSTRUCT
DIVERSION
DITCH



C-0.4'
El. 38.4'

Approx.
Toe of
Fill Slope

F-4.9'
El. 33.1'

Proposed Access
Road

UINTAH ENGINEERING & LAND SURVEYING
86 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

XTO ENERGY, INC.

TYPICAL CROSS SECTIONS FOR

BPU #1-14H

SECTION 14, T11S, R20E, S.L.B.&M.

696' FNL 629' FEL

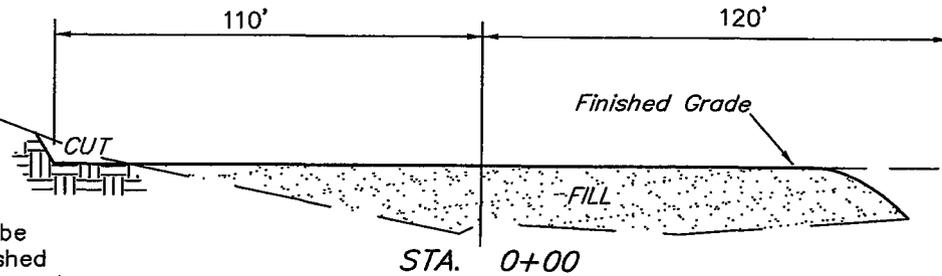
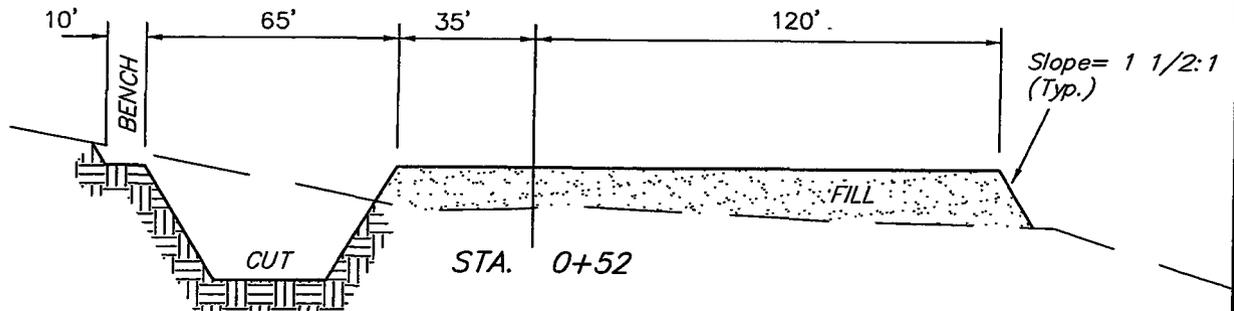
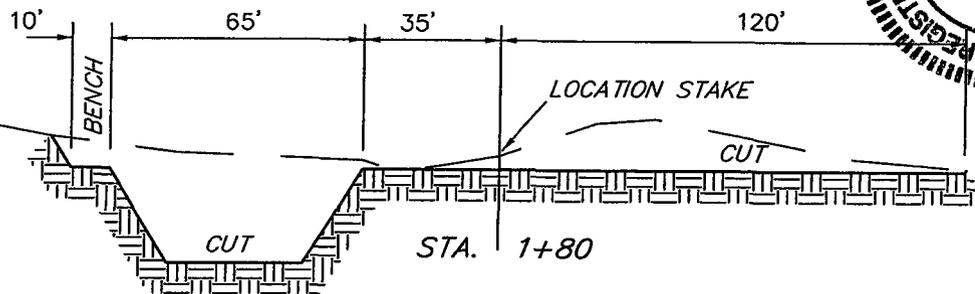
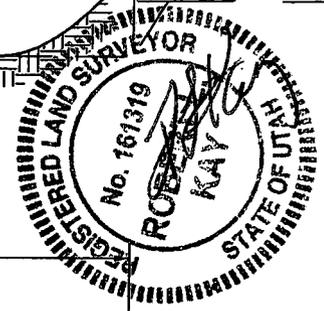
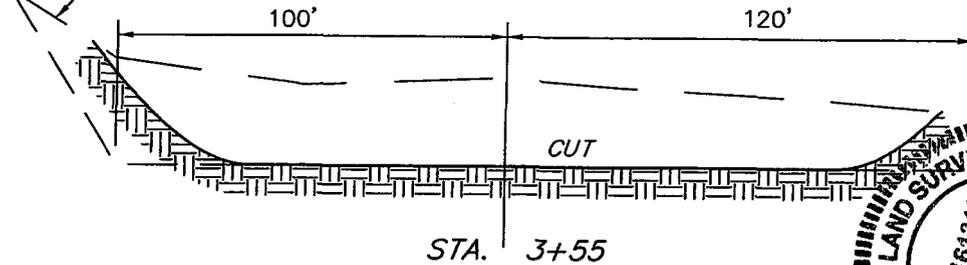
1" = 20'
X-Section
Scale
1" = 50'

DATE: 03-27-07

Drawn By: L.K.

Revised 3-25-08 D.P.

Preconstruction
Grade



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(12") Topsoil Stripping = 1,760 Cu. Yds.

Remaining Location = 11,150 Cu. Yds.

TOTAL CUT = 12,856 CU. YDS.

FILL = 4,420 CU. YDS.

*** NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 8,440 Cu. Yds.

Topsoil & Pit Backfill = 3,640 Cu. Yds. (1/2 Pit Vol.)

EXCESS UNBALANCE = 4,800 Cu. Yds. (After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

XTO ENERGY, INC.
BPU #1-14H
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 14, T11S, R20E, S.L.B.&M.

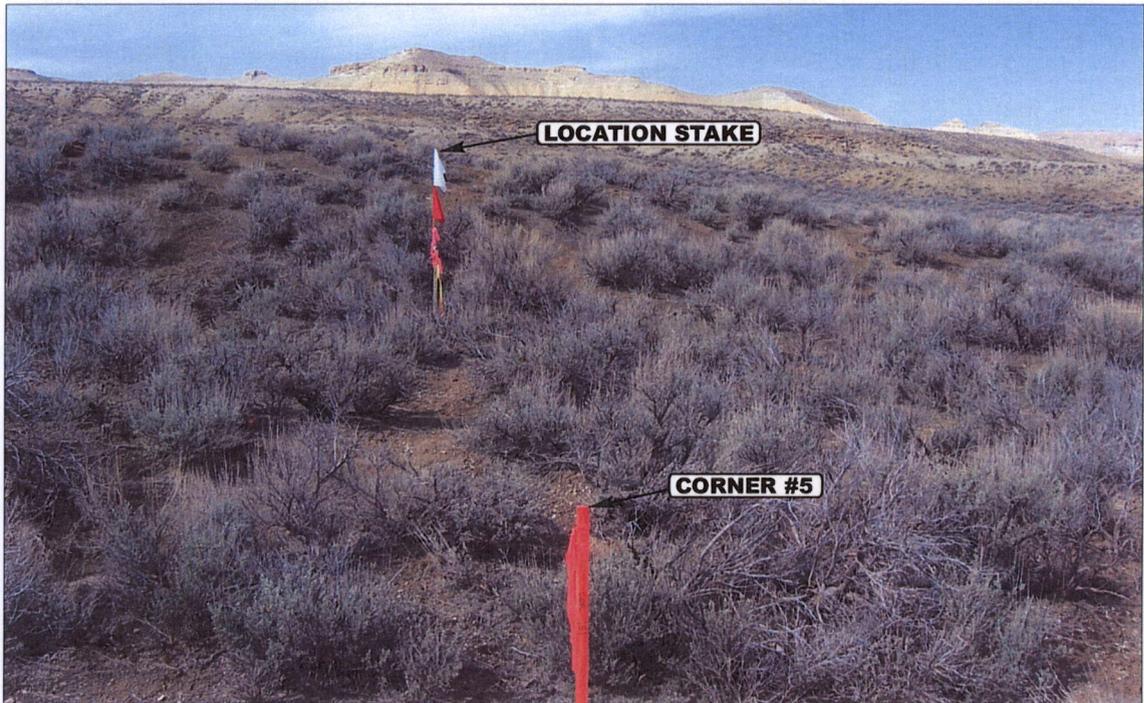


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

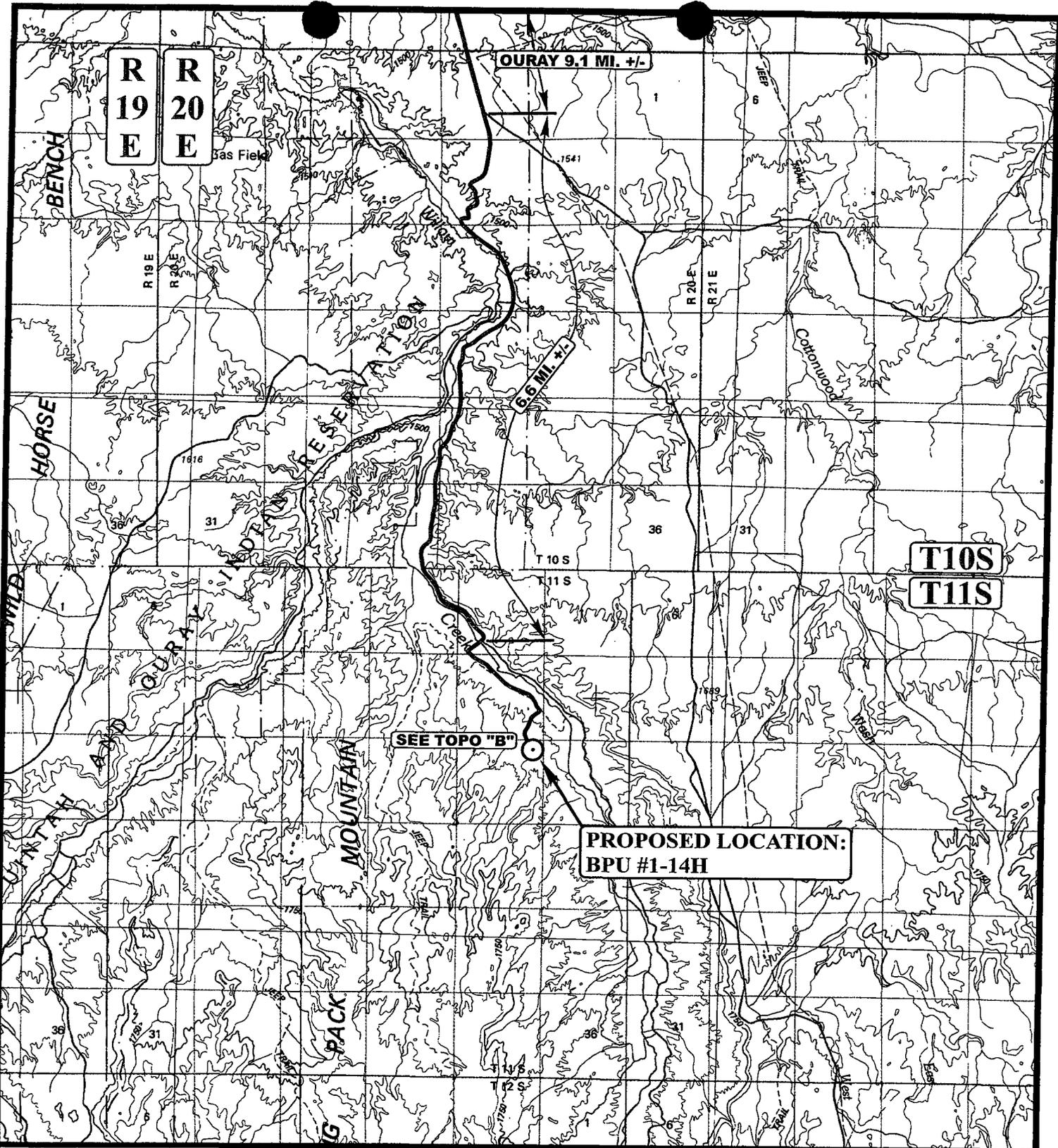
CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

| | | | | |
|------------------------|----------------|--------------|-----------|--------------|
| LOCATION PHOTOS | 03 | 26 | 07 | PHOTO |
| | MONTH | DAY | YEAR | |
| TAKEN BY: J.R. | DRAWN BY: L.K. | REV: 3-25-08 | GL. | |



LEGEND:

○ PROPOSED LOCATION

XTO ENERGY, INC.

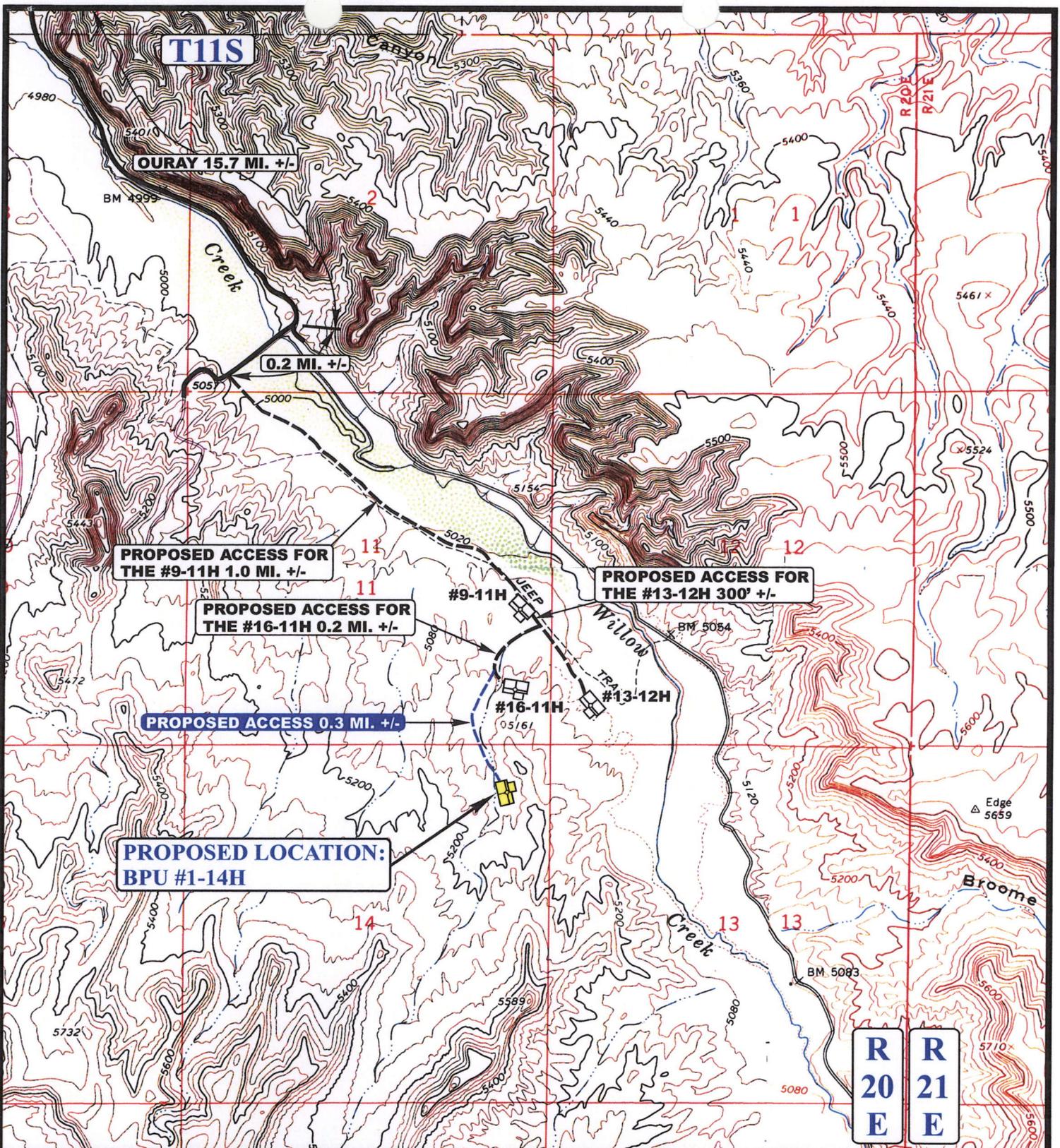
BPU #1-14H
SECTION 14, T11S, R20E, S.L.B.&M.
696' FNL 629' FEL

U&L S
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC 03 26 07
MAP MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: L.K. REV: 3-25-08 GL.





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

XTO ENERGY, INC.

BPU #1-14H
SECTION 14, T11S, R20E, S.L.B.&M.
696' FNL 629' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

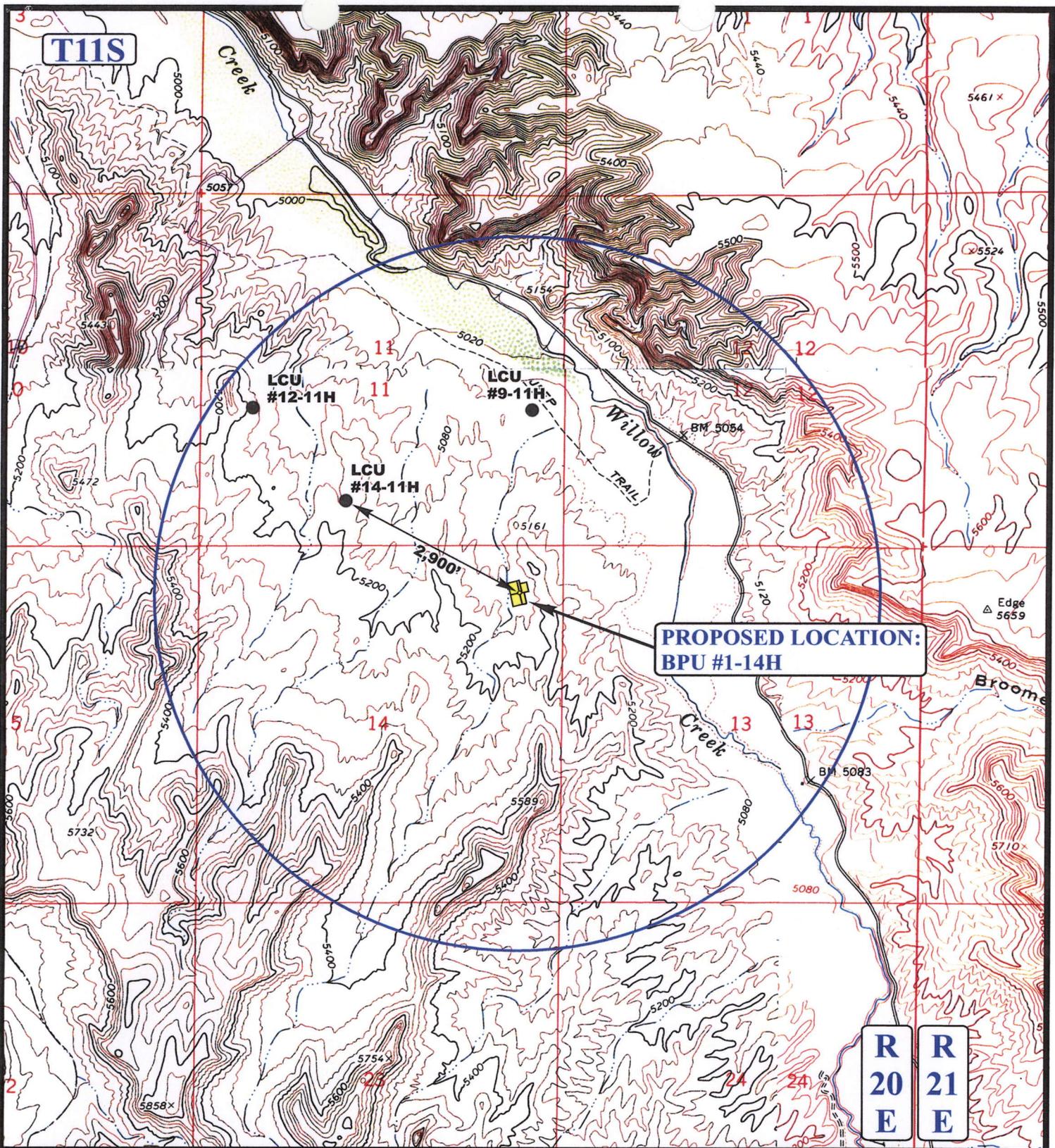


TOPOGRAPHIC
MAP

03 26 07
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REV: 3-25-08 GL.





LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

XTO ENERGY, INC.

BPU #1-14H
SECTION 14, T11S, R20E, S.L.B.&M.
696' FNL 629' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



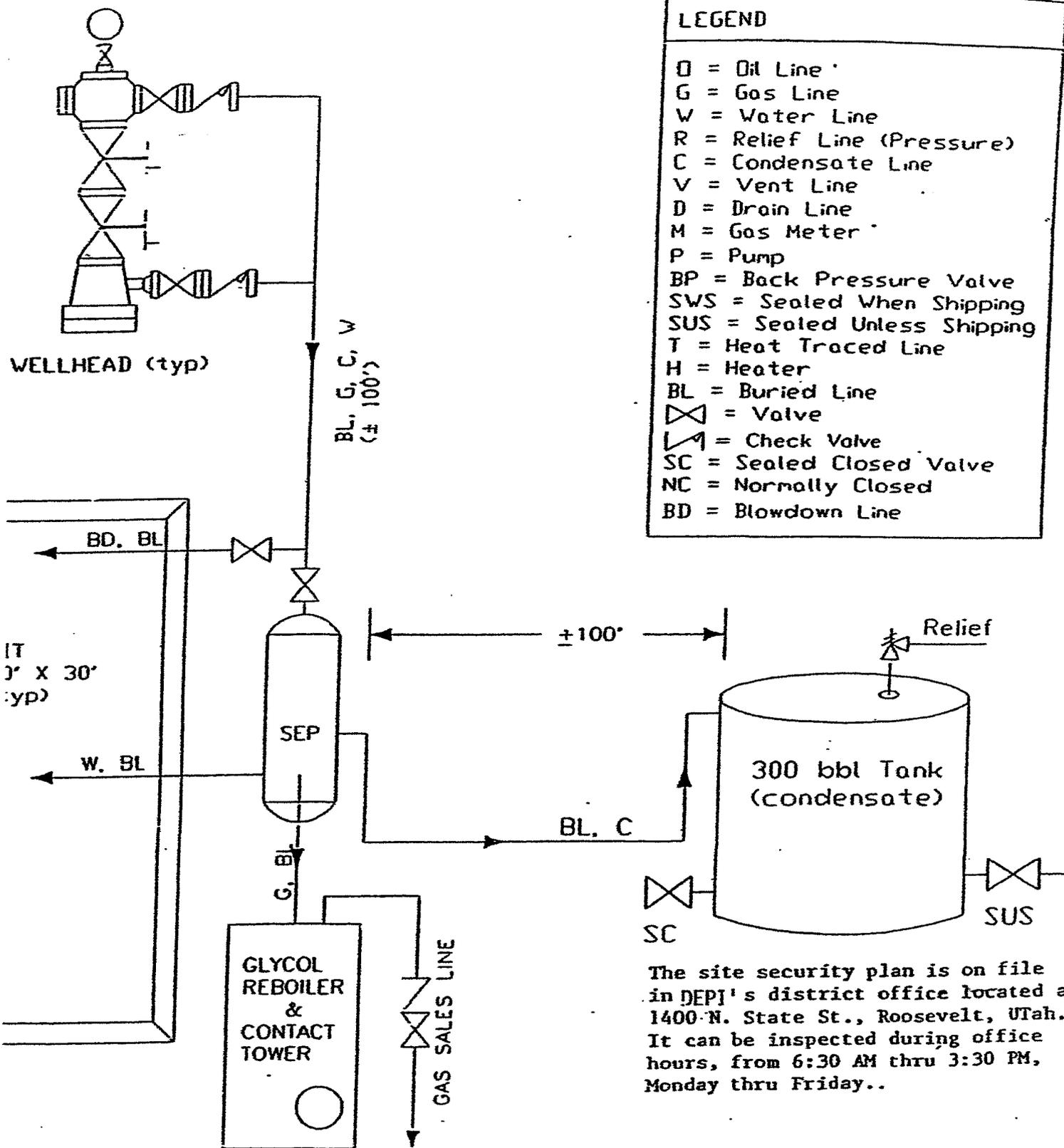
TOPOGRAPHIC MAP 03 26 07
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REV: 3-25-08 GL.



XTO ENERGY, INC.
BPU #1-14H
SECTION 14, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #9-11H TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE PROPOSED #9-11H AND THE BEGINNING OF THE PROPOSED ACCESS FOR THE #13-12H TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 300' TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #16-11H TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.4 MILES.



The site security plan is on file in DEPJ's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/10/2008

API NO. ASSIGNED: 43-047-40001

WELL NAME: BPU 1-14H
 OPERATOR: XTO ENERGY INC (N2615)
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-722-4521

PROPOSED LOCATION:

NENE 14 110S 200E
 SURFACE: 0696 FNL 0629 FEL
 BOTTOM: 0696 FNL 0629 FEL
 COUNTY: UINTAH
 LATITUDE: 39.86581 LONGITUDE: -109.6387
 UTM SURF EASTINGS: 616432 NORTHINGS: 4413540
 FIELD NAME: UNDESIGNATED (2)

| INSPECT LOCATN BY: / / | | |
|------------------------|----------|------|
| Tech Review | Initials | Date |
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-76266
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB-000138)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10991)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

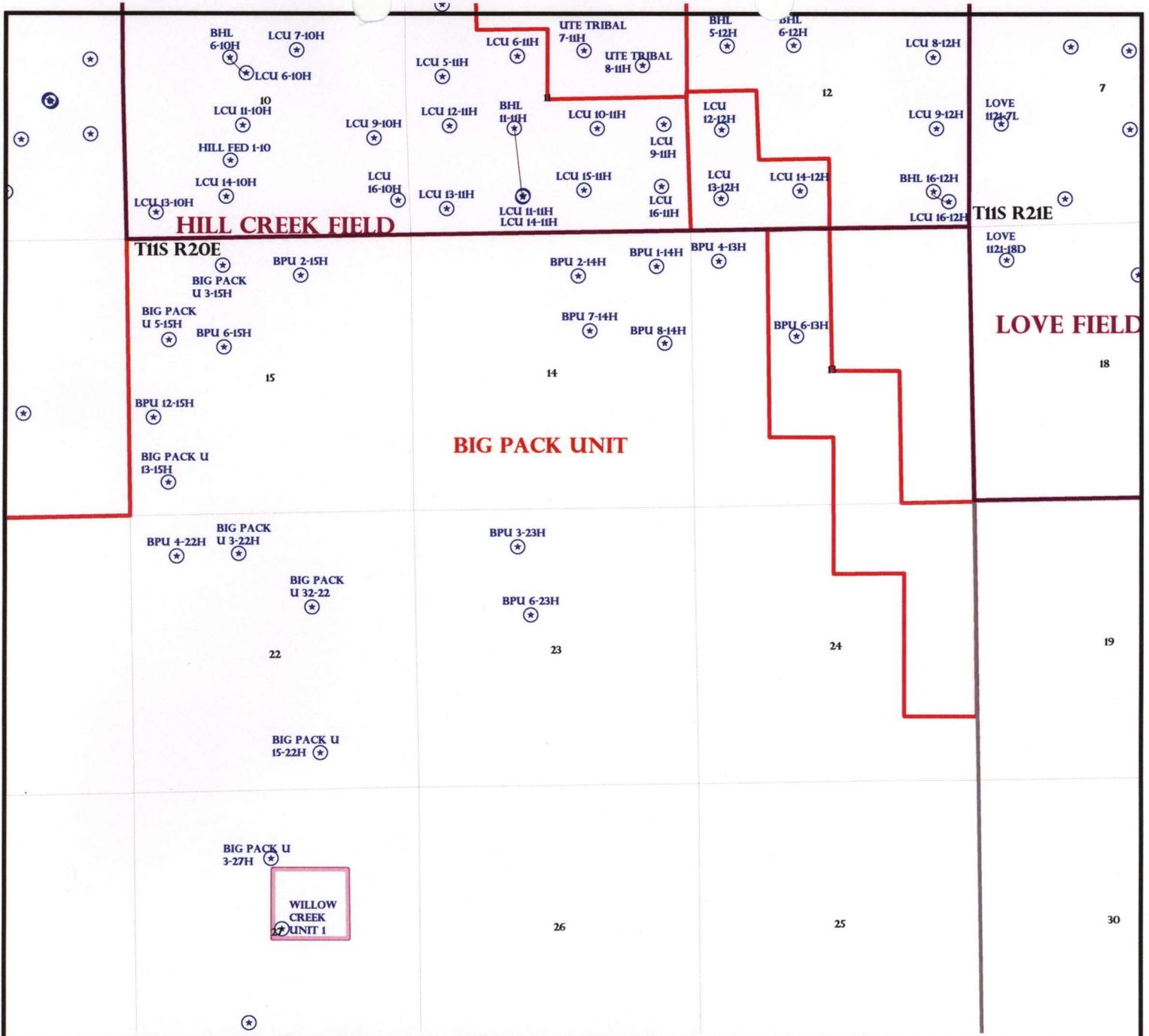
LOCATION AND SITING:

- R649-2-3.
- Unit: BIG PACK
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approval
2- Spacing Strip



OPERATOR: XTO ENERGY INC (N2615)
 SEC: 13,14,15, T.11S R. 20E
 FIELD: UNDESIGNATED (002)
 COUNTY: UINTAH
 SPACING: R649-3-2 / GENERAL SITING



Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

PREPARED BY: DIANA MASON
 DATE: 10-APRIL-2008

- | | |
|--|--|
| <p>Field Status</p> <ul style="list-style-type: none"> ABANDONED ACTIVE COMBINED INACTIVE PROPOSED STORAGE TERMINATED | <p>Unit Status</p> <ul style="list-style-type: none"> EXPLORATORY GAS STORAGE NF PP OIL NF SECONDARY PENDING PI OIL PP GAS PP GEOTHERML PP OIL SECONDARY TERMINATED |
|--|--|



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 14, 2008

XTO Energy, Inc.
382 Road 3100
Aztec, NM 87410

Re: BPU 1-14H Well, 696' FNL, 629' FEL, NE NE, Sec. 14, T. 11 South, R. 20 East,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40001.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: XTO Energy, Inc.

Well Name & Number BPU 1-14H

API Number: 43-047-40001

Lease: UTU-76266

Location: NE NE Sec. 14 T. 11 South R. 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

Form 3160-3
(February 2005)

APR 08 2008

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | |
|--|--|---|
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-76266 |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name N/A |
| 2. Name of Operator XTO Energy, Inc. | | 7. If Unit or CA Agreement, Name and No. Big Pack Unit |
| 3a. Address PO Box 1360; 978 North Crescent Roosevelt, UT 84066 | | 8. Lease Name and Well No. BPU 1-14H |
| 3b. Phone No. (include area code) 435-722-4521 | | 9. API Well No. 43 OAF 40001 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 696' FNL & 629' FEL, NE/4 NE/4, At proposed prod. zone | | 10. Field and Pool, or Exploratory undesignated |
| 14. Distance in miles and direction from nearest town or post office* 15.51 miles south of Ouray, Utah | | 11. Sec., T. R. M. or Blk. and Survey or Area Section 14, T11S, R20E, SLB&M |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 696' | 16. No. of acres in lease 1,680 acres | 17. Spacing Unit dedicated to this well 40 acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,150' | 19. Proposed Depth 9,000' | 20. BLM/BIA Bond No. on file UTB-000138 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,140' GR | 22. Approximate date work will start* 06/15/2008 | 23. Estimated duration 14 days |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

| | | |
|-----------------------------------|---|---------------------------|
| 25. Signature Don Hamilton | Name (Printed/Typed) Don Hamilton | Date 04/07/2008 |
|-----------------------------------|---|---------------------------|

Title
Agent for XTO Energy, Inc.

| | | |
|---|---|----------------------------|
| Approved by (Signature) <i>[Signature]</i> | Name (Printed/Typed) Ferry Kevola | Date AUG 27 2008 |
|---|---|----------------------------|

Title
**Assistant Field Manager
Lands & Mineral Resources**
Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

RECEIVED

SEP 02 2008

DIV. OF OIL, GAS & MINING

NOS 4-05-07
07PP1734A



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
VERNAL, UT 84078**

170 South 500 East

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

| | | | |
|-----------------|-------------------------|-------------------|---------------------------------|
| Company: | XTO Energy, Inc. | Location: | NENE, Sec 14, T11S, R20E |
| Well No: | BPU 1-14H | Lease No: | UTU-76266 |
| API No: | 43-047-40001 | Agreement: | Big Pack Unit |

| Title | Name | Office Phone Number | Cell Phone Number |
|-----------------------------------|-----------------|----------------------------|--------------------------|
| Petroleum Engineer: | Matt Baker | (435) 781-4490 | (435) 828-4470 |
| Petroleum Engineer: | Michael Lee | (435) 781-4432 | (435) 828-7875 |
| Petroleum Engineer: | James Ashley | (435) 781-4470 | (435) 828-7874 |
| Petroleum Engineer: | Ryan Angus | (435) 781-4430 | (435) 828-7368 |
| Supervisory Petroleum Technician: | Jamie Sparger | (435) 781-4502 | (435) 828-3913 |
| Supervisory NRS: | Karl Wright | (435) 781-4484 | (435) 828-7381 |
| NRS/Enviro Scientist: | Holly Villa | (435) 781-4404 | (435) 828-3544 |
| NRS/Enviro Scientist: | James Hereford | (435) 781-3412 | |
| NRS/Enviro Scientist: | Chuck Macdonald | (435) 781-4441 | (435) 828-7481 |
| NRS/Enviro Scientist: | Dan Emmett | (435) 781-3414 | |
| NRS/Enviro Scientist: | Paul Percival | (435) 781-4493 | |
| NRS/Enviro Scientist: | Michael Cutler | (435) 781-3401 | (435) 828-3546 |
| NRS/Enviro Scientist: | Anna Figueroa | (435) 781-3407 | (435) 828-3548 |
| NRS/Enviro Scientist: | Verlyn Pindell | (435) 781-3402 | (435) 828-3547 |
| NRS/Enviro Scientist: | Darren Williams | (435) 781-4447 | (435) 828-4029 |
| NRS/Enviro Scientist: | Nathan Packer | (435) 781-3405 | (435) 828-3545 |

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | | |
|--|---|--|
| Location Construction (Notify NRS/Enviro Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads |
| Location Completion (Notify NRS/Enviro Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify PE) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Supervisory Petroleum Technician) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify PE) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

**SURFACE USE PROGRAM
 CONDITIONS OF APPROVAL (COAs)**

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs.

- An Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines will be completed. At a minimum, this would include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.
- The interim seed mix for reclamation will be:

| | | |
|---------------------------------|-----------------------------|----------------|
| Bottlebrush Squirrel tail grass | <i>Sitanion hystrix</i> | 2 lbs. /acre |
| Needle and Threadgrass | <i>Stipa comata</i> | 2 lbs. /acre |
| Siberian wheatgrass | <i>Agropyron sibericum</i> | 2 lbs. /acre |
| Globe mallow | <i>Sphaeralcea coccinea</i> | 0.5 lbs. /acre |

| Well Number | Other Conditions of Approval agreed to at the onsite |
|-------------|--|
| BPU 1-14H | Berm, ditch, and rip rap as necessary from corner 6 around corner 8 to corner 2. Install a 24 inch culvert on the access to the pad. |
| BPU 8-14H | OK |

Water right numbers 49-2158 and 49-2262 would take water from the Green River and will require the following mitigation.

- The best method to avoid entrainment is to pump from an off-channel location - one that does not connect to the river during high spring flows. An infiltration gallery constructed in a 8LM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - d) do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fish;
 - e) limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present; and
 - f) limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Screen all pump intakes with ¼" mesh material.
- Report any fish impinged on the intake screen to the Service (80] .975.3330) and the Utah Division of Wildlife Resources:

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- The production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- Logging program: Gamma Ray shall be run from TD to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include

deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266 |
| 2. NAME OF OPERATOR: XTO ENERGY INC. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A |
| 3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410 | | 7. UNIT or CA AGREEMENT NAME: Big Pack Unit |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 696 FNL x 629 F ^E WL | | 8. WELL NAME and NUMBER: BPU 1-14H |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 11S 20E S | | 9. API NUMBER: 4304740001 |
| COUNTY: Carbon | | 10. FIELD AND POOL, OR WILDCAT: Undesignated |
| STATE: UTAH | | |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>Permit Extension</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. hereby requests a one year extension of the state permit for the referenced well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 03-30-09
By: [Signature]

COPY SENT TO OPERATOR

Date: 3-31-2009

Initials: KS

| | |
|--------------------------------------|-------------------------------|
| NAME (PLEASE PRINT) <u>Eden Fine</u> | TITLE <u>Regulatory Clerk</u> |
| SIGNATURE <u>[Signature]</u> | DATE <u>3/24/2009</u> |

(This space for State use only)

RECEIVED

MAR 30 2009

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304740001
Well Name: BPU 1-14H
Location: 696 FNL x 629 FWL
Company Permit Issued to: XTO Energy
Date Original Permit Issued: 4/14/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No



Signature

3/24/2009

Date

Title: Eden Fine - Regulatory Clerk

Representing: XTO Energy

RECEIVED
MAR 30 2009
DIV. OF OIL, GAS & MINING

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266 |
| | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____ |
| | 7. UNIT or CA AGREEMENT NAME: BIG PACK |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BPU 1-14H |
| 2. NAME OF OPERATOR: XTO ENERGY INC | 9. API NUMBER: 43047400010000 |
| 3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410 | PHONE NUMBER: 505 333-3159 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0696 FNL 0629 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 11.0S Range: 20.0E Meridian: S | 9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/30/2011 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input checked="" type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: _____ |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy hereby requests a one year extension on the State permit for the referenced well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: April 20, 2010

By: 

| | | |
|---|-------------------------------------|----------------------------------|
| NAME (PLEASE PRINT) Eden Fine | PHONE NUMBER 505 333-3664 | TITLE Permitting Clerk |
| SIGNATURE N/A | DATE 4/6/2010 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047400010000

API: 43047400010000

Well Name: BPU 1-14H

Location: 0696 FNL 0629 FEL QTR NENE SEC 14 TWNP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 4/14/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
- Has the approved source of water for drilling changed? Yes No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
- Is bonding still in place, which covers this proposed well? Yes No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Eden Fine **Date:** 4/6/2010
Title: Permitting Clerk **Representing:** XTO ENERGY INC

Date: April 20, 2010

By: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 30 2010

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

BLM

5. Lease Serial No.
UTU-76266

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
XTO ENERGY INC.

3a. Address
382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)
505-333-3100

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
0696 FNL 0629 FEL Qtr/Qtr: NENE Section: 14 Township: 11.0S Range: 20.0E Meridian: S

7. If Unit of CA/Agreement, Name and/or No.
BIG PACK

8. Well Name and No.
BPU 1-14H

9. API Well No.
43047400010000

10. Field and Pool or Exploratory Area
NATURAL BUTTES

11. Country or Parish, State
Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>APD Extension</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

XTO hereby requests an extension on the Federal Permit for the referenced well.

RECEIVED

NOV 08 2010

DIV. OF OIL, GAS & MINING

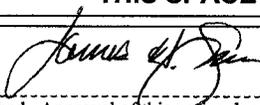
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Eden Fine

Title Permitting Clerk

Signature 

Date 08/24/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 

Title Acting Assistant Field Manager
Lands & Mineral Resources

Office VERNAL FIELD OFFICE

Date OCT 15 2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL

XTO Energy Inc.

Notice of Intent APD Extension

Lease: UTU-76266
Well: BPU 1-14H
Location: NENE Sec 14-T11S-R20E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 8/27/12.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Carey Doyle of this office at (435) 781-4430.

RECEIVED

NOV 08 2010

DIV. OF OIL, GAS & MINING

| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 | |
|--|---|---|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266 | |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | |
| | | 7. UNIT or CA AGREEMENT NAME: BIG PACK | |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BPU 1-14H | | |
| 2. NAME OF OPERATOR: XTO ENERGY INC | 9. API NUMBER: 43047400010000 | | |
| 3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410 | PHONE NUMBER: 505 333-3159 Ext | 9. FIELD and POOL or WILDCAT: UNDESIGNATED | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0696 FNL 0629 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 11.0S Range: 20.0E Meridian: S | COUNTY: UINTAH | | |
| | | STATE: UTAH | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/5/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/> |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. | | | |
| XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well. | | | |
| <p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>04/07/2011</u></p> <p style="color: red; font-weight: bold;">By: <u></u></p> | | | |
| NAME (PLEASE PRINT) Krista Wilson | PHONE NUMBER 505 333-3647 | TITLE Permitting Tech | |
| SIGNATURE N/A | | DATE 4/5/2011 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047400010000

API: 43047400010000

Well Name: BPU 1-14H

Location: 0696 FNL 0629 FEL QTR NENE SEC 14 TWNP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 4/14/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Krista Wilson

Date: 4/5/2011

Title: Permitting Tech **Representing:** XTO ENERGY INC

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS | |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | |
| 1. TYPE OF WELL Gas Well | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76266 |
| 2. NAME OF OPERATOR: XTO ENERGY INC | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410 | 7. UNIT or CA AGREEMENT NAME: BIG PACK |
| PHONE NUMBER: 505 333-3145 Ext | 8. WELL NAME and NUMBER: BPU 1-14H |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0696 FNL 0629 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 11.0S Range: 20.0E Meridian: S | 9. API NUMBER: 43047400010000 |
| | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| | COUNTY: Uintah |
| | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|--|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/30/2013 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input checked="" type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy requests a one (1) year extension of the State APD for the referenced well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: April 09, 2012

By: 

| | | |
|--|-------------------------------------|----------------------------|
| NAME (PLEASE PRINT) Richard L. Redus | PHONE NUMBER 303 397-3712 | TITLE Regulatory |
| SIGNATURE N/A | DATE 4/5/2012 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047400010000

API: 43047400010000

Well Name: BPU 1-14H

Location: 0696 FNL 0629 FEL QTR NENE SEC 14 TWNP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 4/14/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Richard L. Redus

Date: 4/5/2012

Title: Regulatory

Representing: XTO ENERGY INC



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 16, 2013

Rick Redus
XTO Energy Inc.
P.O. Box 6501
Englewood, CO 80155

43 047 40001
BPU 1-14H
11S 20E 14

Re: APDs Rescinded for XTO Energy Inc., Uintah County

Dear Mr. Redus:

Enclosed find the list of APDs that you requested to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective May 16, 2013.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

| | |
|----------------|------------|
| 43-047-37997 | LCU 9-10H |
| 43-047-38069 | LCU 8-35F |
| 43-047-38070 | LCU 12-35F |
| 43-047-38071 | LCU 15-35F |
| 43-047-38072 | LCU 16-35F |
| 43-047-38073 | LCU 1-1H |
| 43-047-38074 | LCU 9-9H |
| 43-047-38075 | LCU 7-9H |
| 43-047-39160 | LCU 4-3H |
| 43-047-39220 | LCU 9-35F |
| 43-047-39221 | LCU 7-35F |
| 43-047-39224 | LCU 14-10H |
| 43-047-39225 | LCU 3-10H |
| 43-047-39999 | BPU 4-13H |
| → 43-047-40001 | BPU 1-14H |
| 43-047-40002 | BPU 7-14H |
| 43-047-40003 | BPU 8-14H |
| 43-047-40004 | BPU 2-15H |
| 43-047-40005 | BPU 6-15H |
| 43-047-40006 | BPU 12-15H |
| 43-047-40007 | BPU 4-22H |
| 43-047-40009 | BPU 6-23H |



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Green River District

Vernal Field Office

170 South 500 East

Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>

June 4, 2013

IN REPLY REFER TO:
3160 (UTG011)

Rick Redus
XTO Energy, Inc.
PO Box 6501
Englewood, CO 80155

43 047 40001

RECEIVED
JUN 12 2013
DIV. OF OIL, GAS & MINING

Re: Notice of Expiration
Well No. BPU 1-14H
NENE, Sec. 14, T11S, R20E
Uintah County, Utah
Lease No. UTU-76266
Big Pack Unit

Dear Mr. Redus:

The Application for Permit to Drill (APD) for the above-referenced well was approved on August 27, 2008. A two (2) year extension of the original APD was requested. The request was reviewed and the extension approved until October 15, 2010. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

cc: UDOGM

bcc: Well File
I&E Asst.