

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-29784
6a. 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
7. Name of Operator XTO Energy, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
8a. Address PO Box 1360; 978 North Crescent Road Roosevelt, UT 84066		8. Lease Name and Well No. HCU-1-30F
8b. Phone No. (include area code) 435-722-4521		9. API Well No. 43047-40396
9. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 595' FNL & 620' FEL, NE/4 NE/4, 39. 923796 At proposed prod. zone 611126X 4419899Y -109.699710		10. Field and Pool, or Exploratory Natural Buttes
10. Distance in miles and direction from nearest town or post office* 11.45 miles south of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 30, T10S, R20E, SLB&M
11. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 595'	12. No. of acres in lease 640 acres	12. County or Parish Uintah
12. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,530'	13. Proposed Depth 10,250	13. State UT
13. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,254' GR	14. Approximate date work will start* 12/15/2008	14. Spacing Unit dedicated to this well 40 acres
15. Estimated duration 14 days		15. BLM/BIA Bond No. on file UTB-000138

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 10/06/2008
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Title Agent for XTO Energy, Inc.		
Approved by (Signature)	Name (Printed/Typed) BRADLEY G. HILL	Date 10-16-08
Title 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
OCT 08 2008
DIV. OF OIL, GAS & MINING**

T10S, R20E, S.L.B.&M.

XTO ENERGY, INC.

Well location, HCU #1-30F, located as shown in NE 1/4 NE 1/4 of Section 30, T10S, R20E, S.L.B.&M. Uintah County, Utah.

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, UINTAH 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.

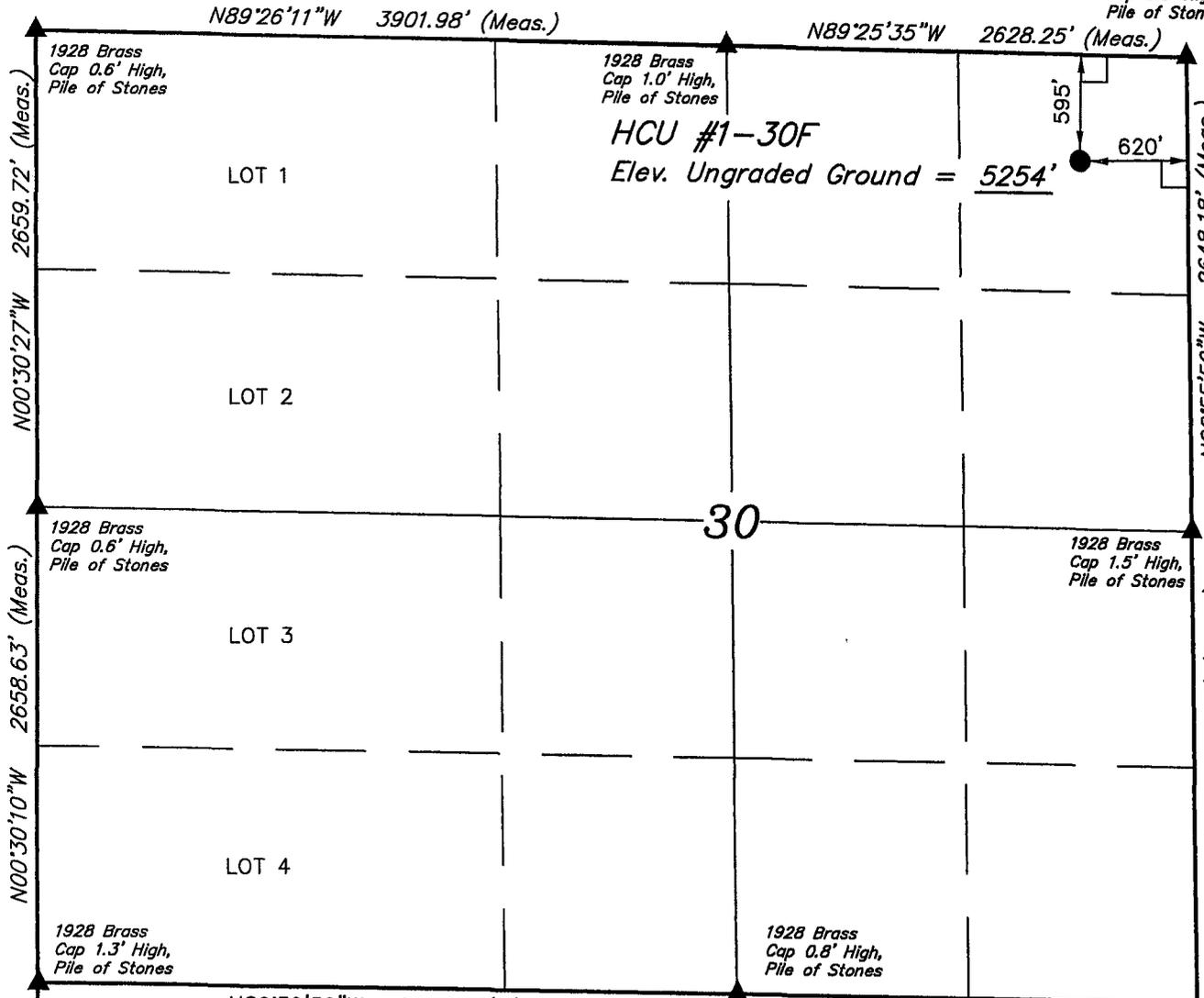
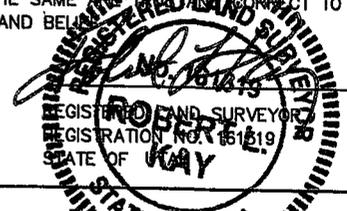
BASIS OF BEARINGS

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



SCALE
CERTIFICATE

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



R
19
E

N89°39'59"W 3943.58' (Meas.) N89°41'W - 2625.48' (G.L.O.)

Revised: 07-01-08 D.P.
Revised: 02-09-05 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-17-03	DATE DRAWN: 04-18-03
PARTY K.K. M.B. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE XTO ENERGY INC	

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°55'25.59" (39.923775)
LONGITUDE = 109°42'01.46" (109.700406)
(NAD 27)
LATITUDE = 39°55'25.72" (39.923811)
LONGITUDE = 109°41'59.96" (109.699989)

October 6, 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.
HCU 1-30F
595' FNL & 620' FEL, NE/4 NE/4,
Section 30, T10S, 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 Clearance Report.

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.

RECEIVED
OCT 08 2008
DIV. OF OIL, GAS & MINING

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

FILE COPY



HCU 1-30F

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**

XTO ENERGY INC.

HCU 1-30F

APD Data

September 28, 2008

Location: 595' FNL & 620' FEL, Sec. 30, T10S,R20E

County: Uintah

State: Utah

GREATEST PROJECTED TD: 10250' MD
APPROX GR ELEV: 5254'

OBJECTIVE: Wasatch/Mesaverde
Est KB ELEV: 5268' (14' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 2200'	2200' to 10250'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.4 ppg	8.6-9.20 ppg
VISCOSITY	NC	30-60 sec*qt ¹
WATER LOSS	NC	8-15 cc/30 min

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 ± 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 ± 10250' 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'-10250'	10250'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.62	2.00	2.00

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

3. WELLHEAD:

- 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.
- 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:

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

LEAD:

±183 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 ±10250' in 7.875" hole.

LEAD:

±537 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 2202 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 casing strings.

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at surface 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 (10250') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (10250') to 2200'.

6. FORMATION TOPS:

FORMATION	Sub-Sea Elev. (@SHL)	TVD (@SHL)
Green River	4,092	1,181
Mahogany Bench Mbr.	3,280	1,993
Wasatch Tongue	1,215	4,058
Green River Tongue	865	4,408
Wasatch*	715	4,558
Chapita Wells*	-230	5,503
Uteland Buttes	-1,380	6,653
Mesaverde*	-2,220	7,493
Castlegate	-5,025	10,298
TD**	-4,977	10,250

* Primary Objective

7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

Formation	Expected Fluids	Well Depth Top
Green River	Water/Oil Shale	1,181
Mahogany Bench Mbr.	Water/Oil Shale	1,993
Wasatch Tongue	Oil/Gas/Water	4,058
Green River Tongue	Oil/Gas/Water	4,408
Wasatch*	Gas/Water	4,558
Chapita Wells*	Gas/Water	5,503
Uteland Buttes	Gas/Water	6,653
Mesaverde*	Gas/Water	7,493
Castlegate	Gas/Water	10,298

- A. 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.
- B. There are no known potential sources of H₂S.
- C. Expected bottom hole pressures are between 4100 psi and 4600 psi.
- D. Base of Moderately Saline Water (USGS) at 5263'.

8. BOP EQUIPMENT:

Surface will utilize a diverter rated to no less than 500 psi.

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: PO Box 1360; 978 North Crescent Road
Roosevelt, Utah 84066
Well Location: HCU 1-30F
595' FNL & 620' FEL, NE/4 NE/4,
Section 30, T10S, 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, September 16, 2008 at approximately 1:55 pm. In attendance at the onsite inspection were the following individuals:

Paul Percival	Natural Resource Specialist	BLM – Vernal Field Office
Brandon McDonald	Wildlife Biologist	BLM – Vernal Field Office
Brandon Bowthorpe	Surveyor	Uintah Engineering & Land Surveying
Randy Jackson	Foreman	Jackson Construction
Billy McClure	Foreman	LaRose Construction
Zander McIntyre	Engineer	Pearl Field Services
Ken Secrest	Regulatory Coordinator	XTO Energy, Inc.

1. Location of Existing Roads:

- a. The proposed well site is located approximately 11.45 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 Hill Creek 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 is not anticipated for the access road and utility corridors since both are located entirely within the Hill Creek Unit area.

2. Planned Access Roads:

- a. From the existing Hill Creek access road located on BLM surface an access is proposed trending northwest approximately 430' along new disturbance to the proposed well site. The access crosses no significant drainages.
- 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 and 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. No low-water crossings and one culvert as the road enters the pad 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 is associated with this application and is being applied for at this time. The proposed pipeline corridor will leave the east side of the well site and traverse 430' southeast to the existing Hill Creek pipeline corridor.
- i. The new gas pipeline will be a 12" or less buried line within a 45' wide pipeline corridor.
- j. 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.
- k. XTO Energy, Inc. intends to surface install the pipeline 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 south 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 east.
- c. The pad and road designs are consistent with BLM specifications.
- 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:

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

- b. An Independent Archeologist. 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 An Independent Archeologist.
- c. Alden Hamblin will conduct a paleontological survey. A copy of the report will be 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. Diversion ditches will e constructed around the location as reflected on the location layout.

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 fling of false statements.

Executed this 6th day of October, 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

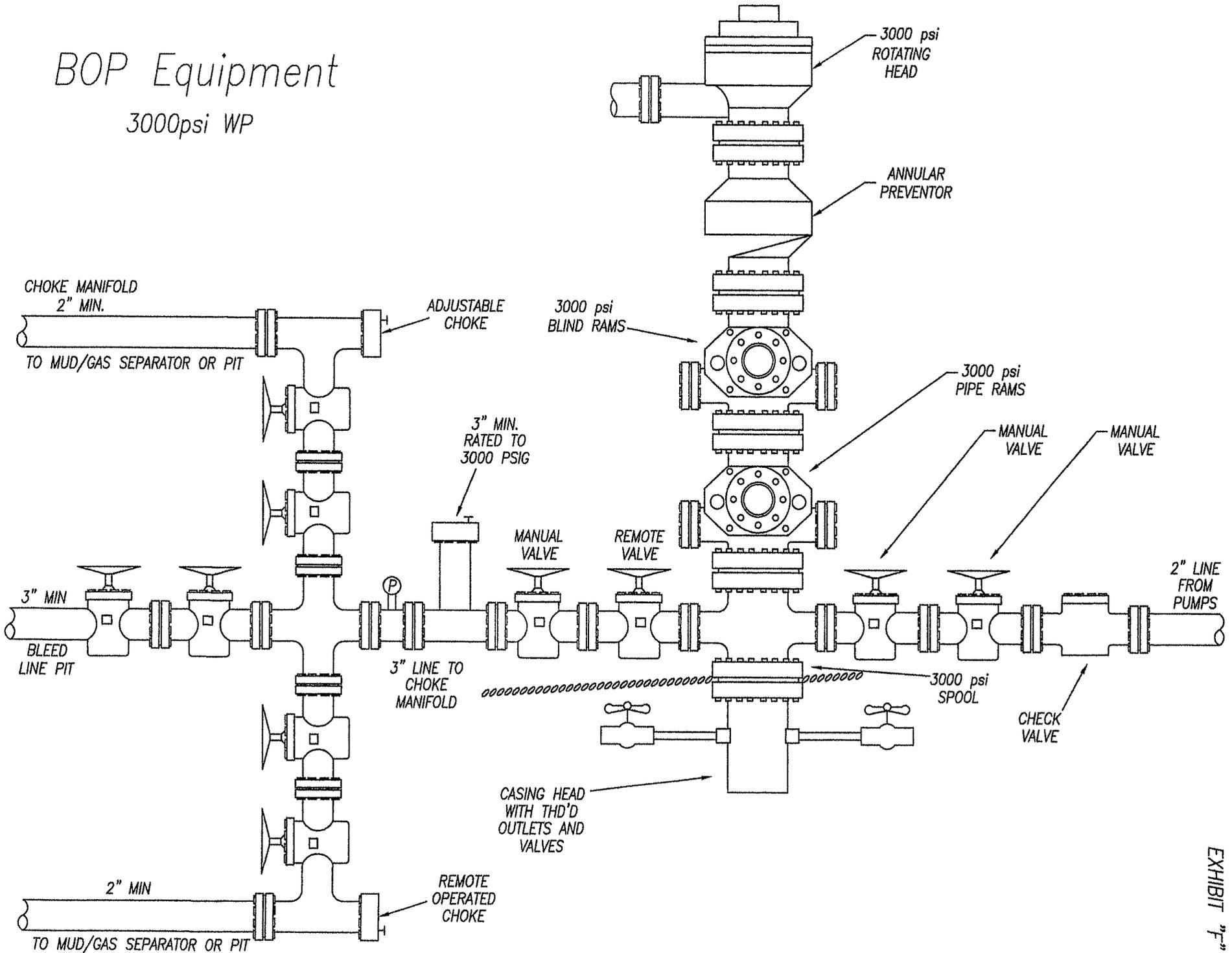


EXHIBIT "F"

Dominion Exploration & Production Inc.:
Hill Creek Unit #1-30F;
A Cultural Resource Inventory for a well pad
its access and pipeline,
Uintah County, Utah.

By
James A. Truesdale
Principal Investigator

Prepared For
Dominion Exploration & Production
1400 North State Street
P.O.Box 1360
Roosevelt, Utah
84066

Prepared By
AN INDEPENDENT ARCHAEOLOGIST
P.O.Box 153
Laramie, Wyoming
82073

Utah Project # U-03-AY-0221(b)

May 15, 2003

XTO ENERGY, INC.
HCU #1-30F
SECTION 30, T10S, 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 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 430' TO THE PROPOSED LOCATION.

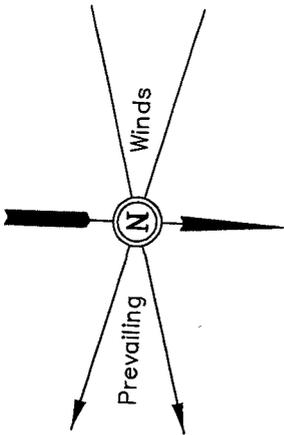
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.8 MILES.

XTO ENERGY, INC.

LOCATION LAYOUT FOR

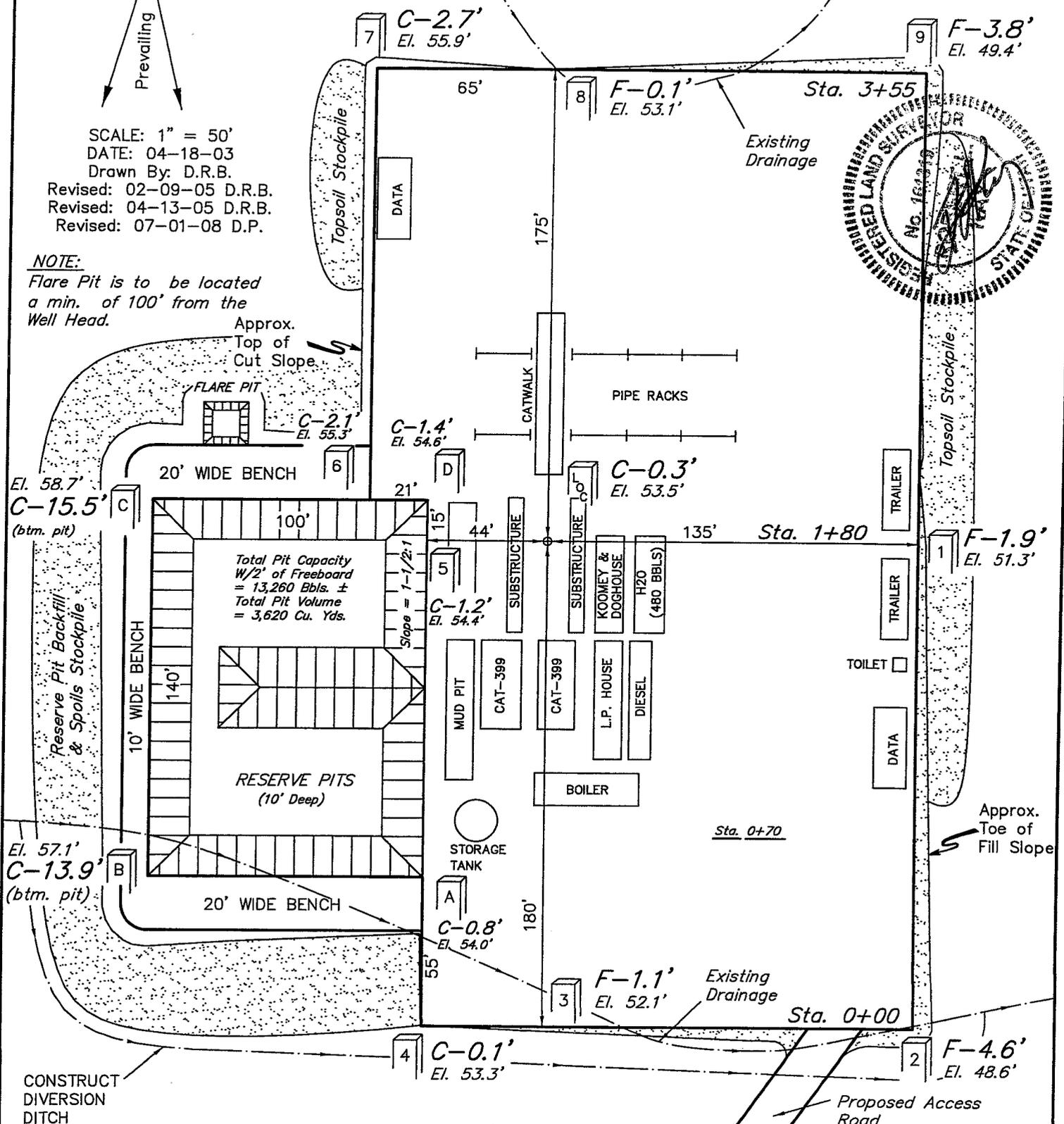
HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
595' FNL 620' FEL

FIGURE #1



SCALE: 1" = 50'
DATE: 04-18-03
Drawn By: D.R.B.
Revised: 02-09-05 D.R.B.
Revised: 04-13-05 D.R.B.
Revised: 07-01-08 D.P.

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



CONSTRUCT DIVERSION DITCH
Elev. Ungraded Ground at Location Stake = 5253.5'
Elev. Graded Ground at Location Stake = 5253.2'

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

XTO ENERGY, INC.

TYPICAL CROSS SECTIONS FOR

HCU #1-30F

SECTION 30, T10S, R20E, S.L.B.&M.

595' FNL 620' FEL

FIGURE #2

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

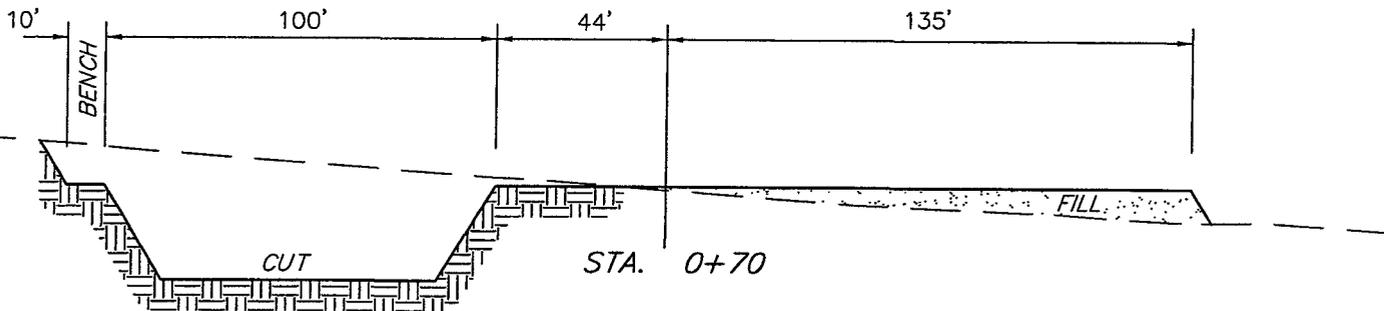
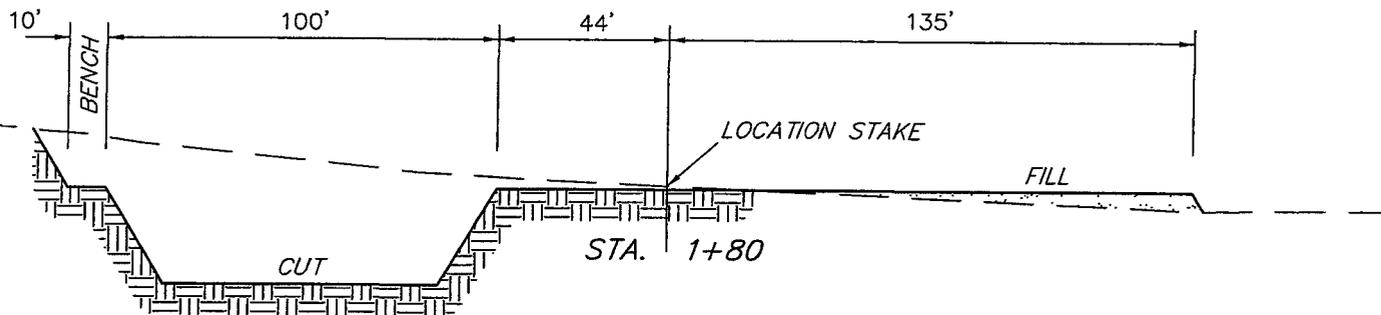
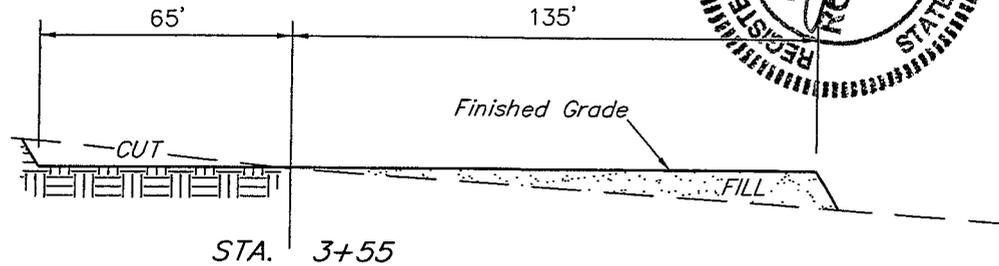
DATE: 04-18-03

Drawn By: D.R.B.

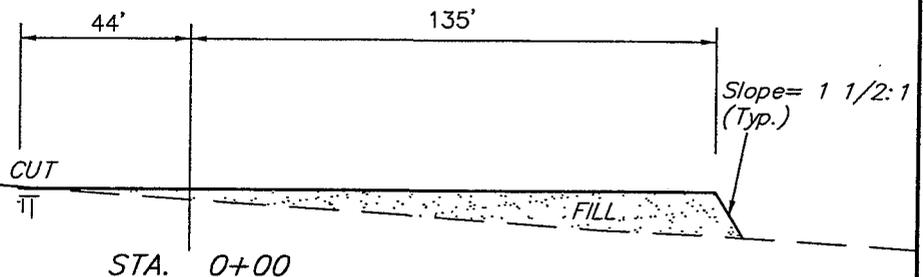
Revised: 02-09-05 D.R.B.

Revised: 04-13-05 D.R.B.

Revised: 07-01-08 D.P.



Preconstruction
Grade



NOTE:

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

APPROXIMATE YARDAGES

CUT

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

Remaining Location = 6,020 Cu. Yds.

TOTAL CUT = 7,780 CU. YDS.

FILL = 3,740 CU. YDS.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 4,040 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,570 Cu. Yds.

EXCESS UNBALANCE (After Interim Rehabilitation) = 470 Cu. Yds.

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

XTO ENERGY, INC.

HCU #1-30F

LOCATED IN UTAH COUNTY, UTAH
SECTION 30, T10S, R20E, S.L.B.&M.

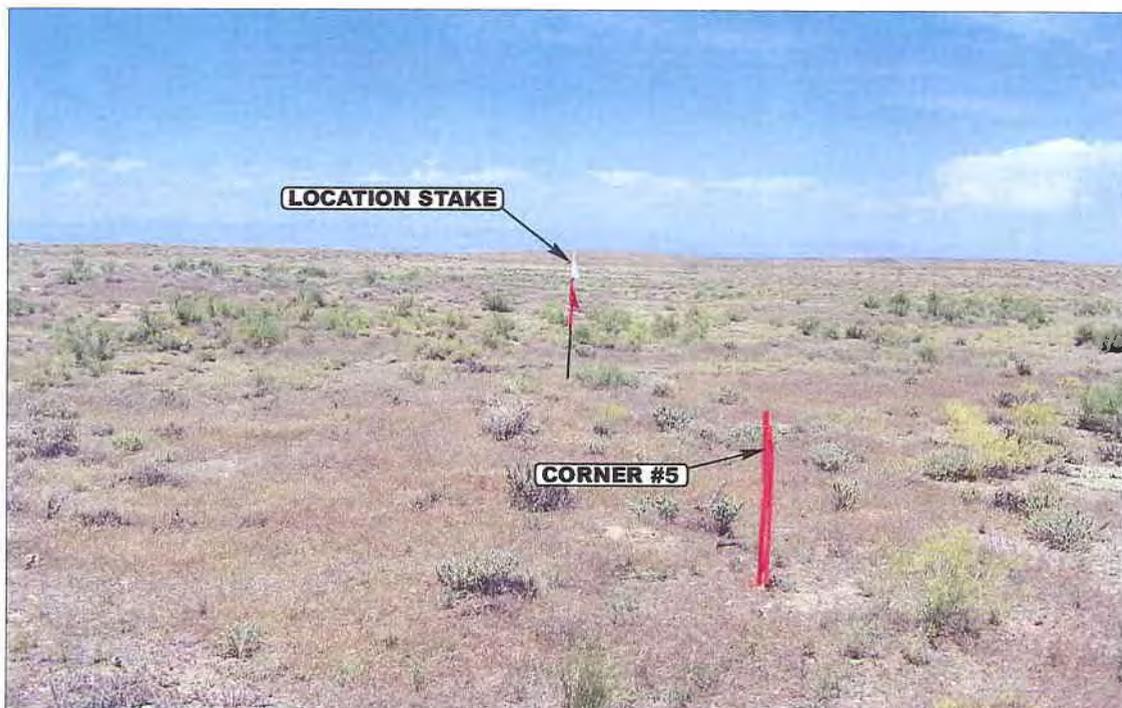


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

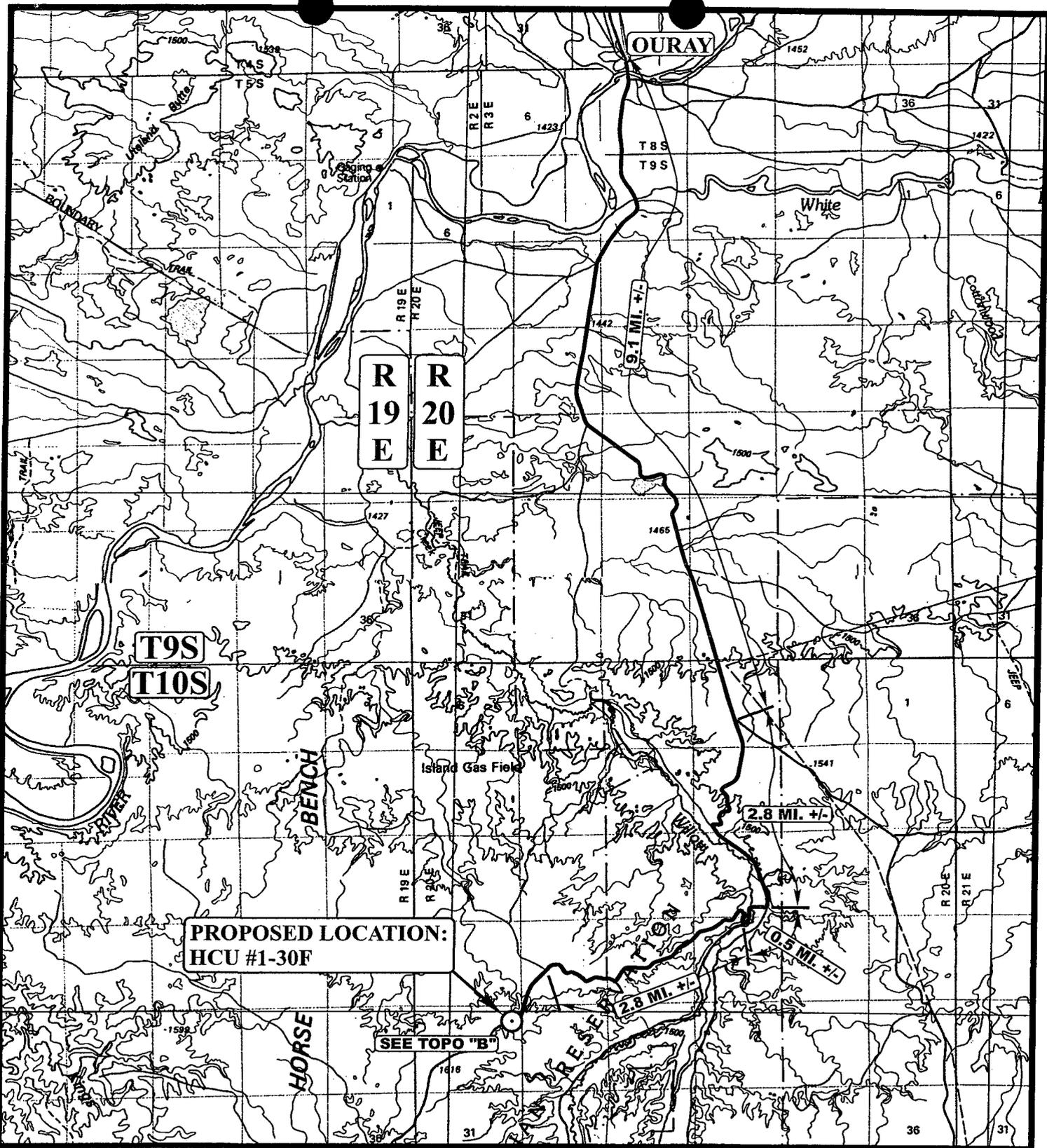
04 26 03
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: P.M.

REVISED: 07-01-08 D.P.



**PROPOSED LOCATION:
HCU #1-30F**

SEE TOPO "B"

LEGEND:

⊙ PROPOSED LOCATION

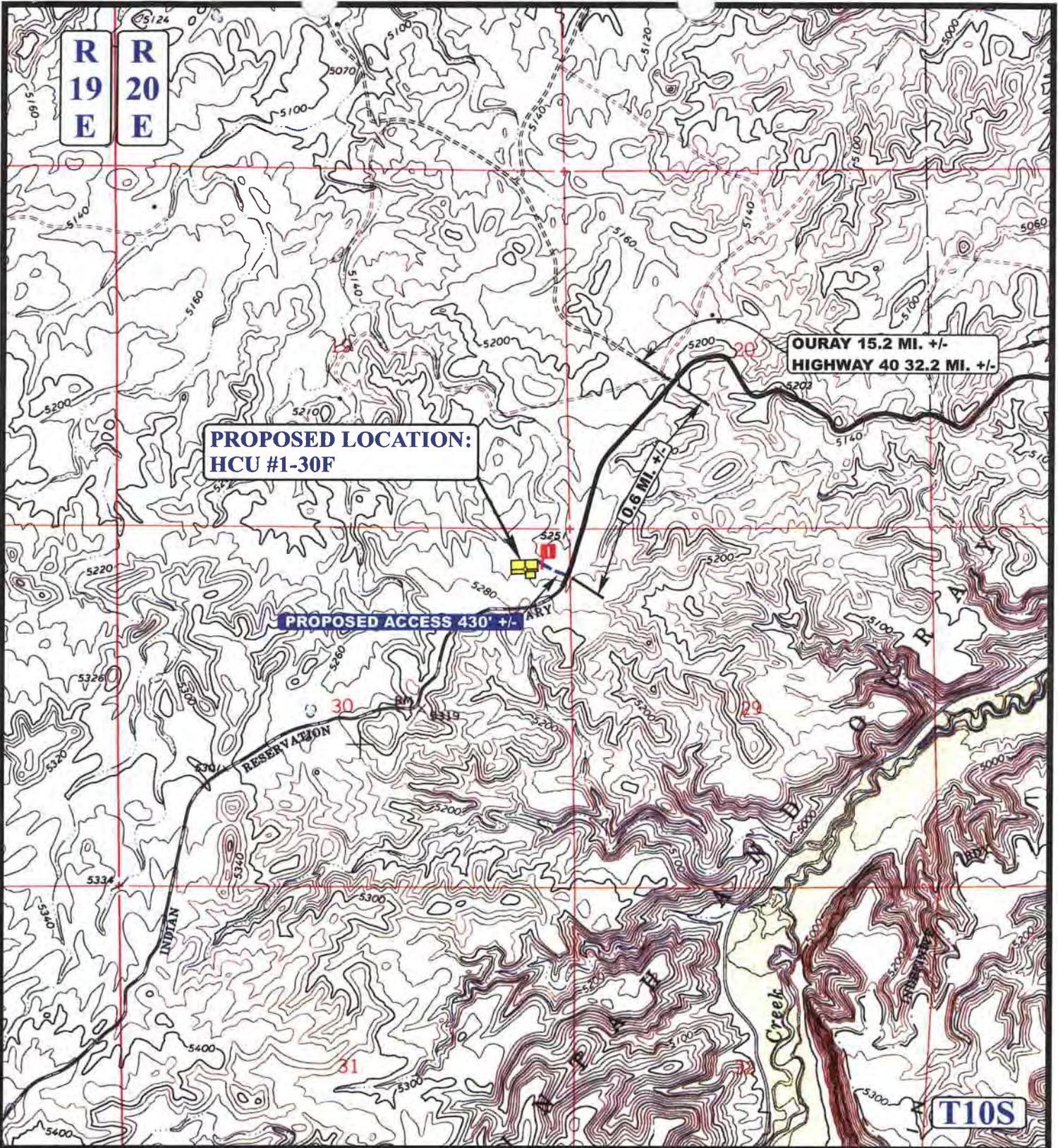
XTO ENERGY, INC.

**HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
595' FNL 620' FEL**

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



TOPOGRAPHIC MAP 04 26 03
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 07-01-08 D.P. **A TOPO**



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  18" CMP REQUIRED



XTO ENERGY, INC.

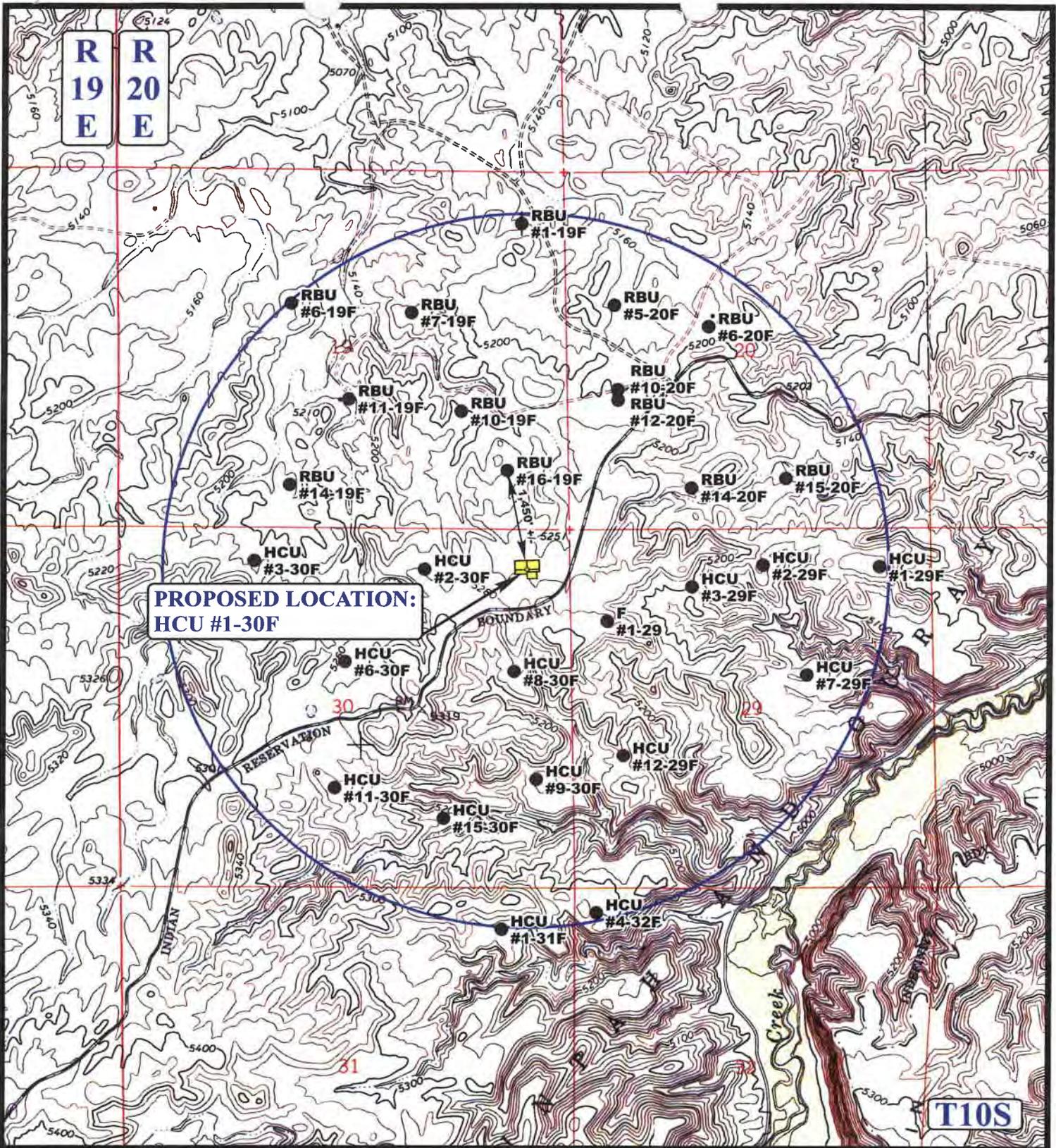
HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
595' FNL 620' FEL



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

TOPOGRAPHIC **04 26 03**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 07-01-08 D.P.





LEGEND:

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

XTO ENERGY, INC.

HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
595' FNL 620' FEL

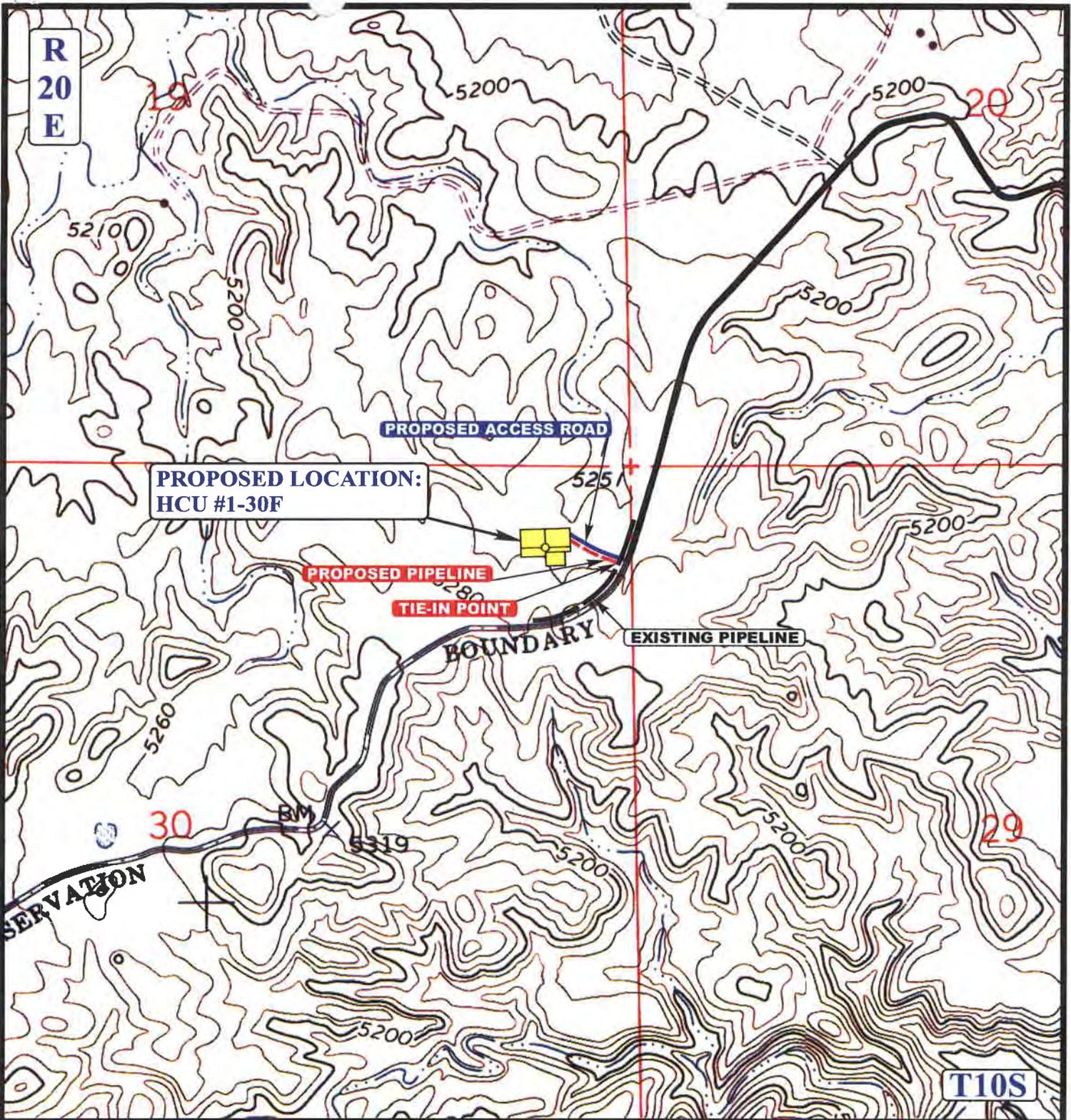


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 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 04 26 03
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 07-01-08 D.P.





APPROXIMATE TOTAL PIPELINE DISTANCE = 430' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



XTO ENERGY, INC.

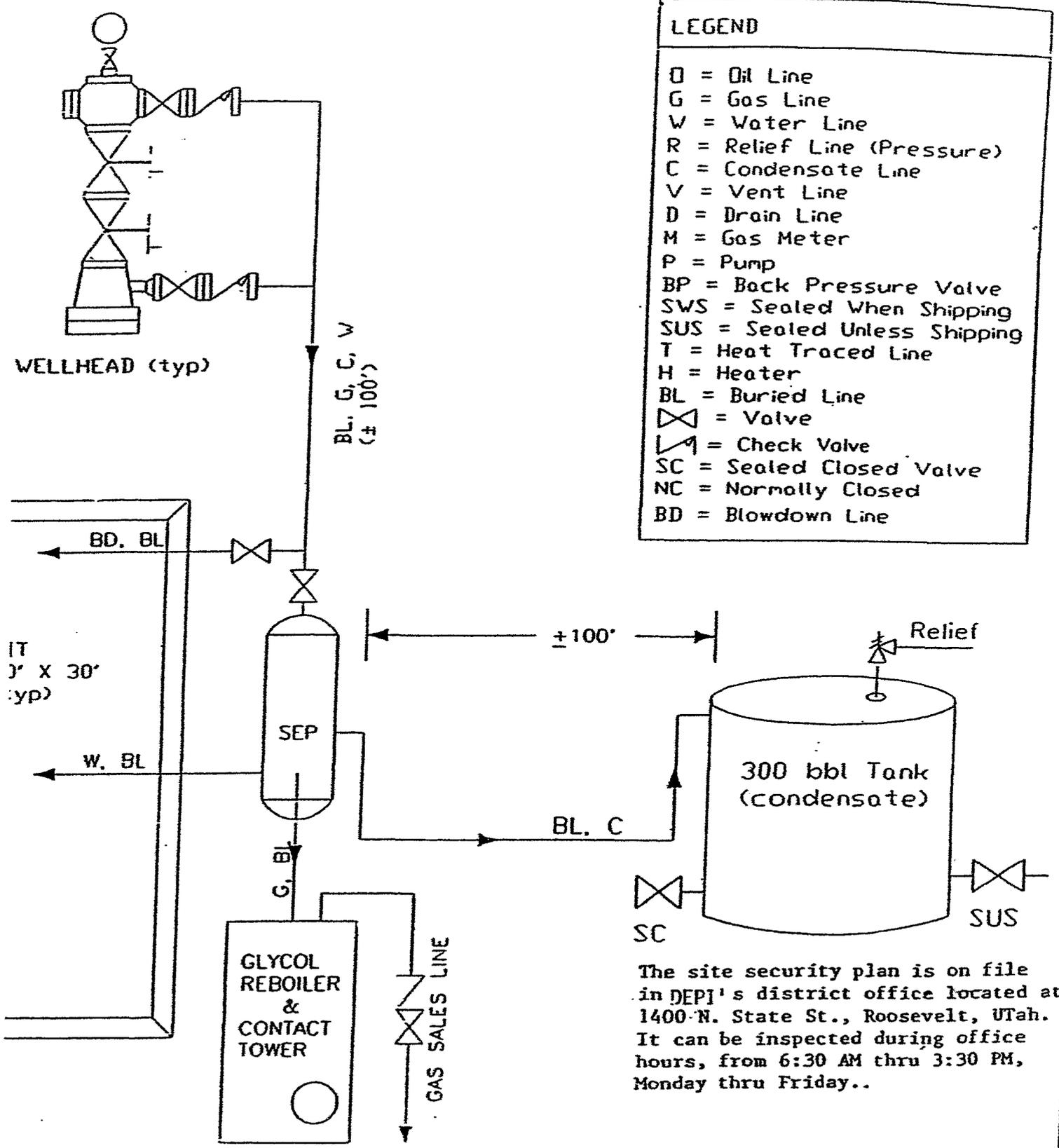
**HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
595' FNL 620' FEL**



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

TOPOGRAPHIC MAP
04 26 03
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 07-01-08 D.P.





LEGEND

- = Oil Line
- G = Gas Line
- W = Water Line
- R = Relief Line (Pressure)
- C = Condensate Line
- V = Vent Line
- D = Drain Line
- M = Gas Meter
- P = Pump
- BP = Back Pressure Valve
- SWS = Sealed When Shipping
- SUS = Sealed Unless Shipping
- T = Heat Traced Line
- H = Heater
- BL = Buried Line
- ⋈ = Valve
- ⋈ = Check Valve
- SC = Sealed Closed Valve
- NC = Normally Closed
- BD = Blowdown Line

The site security plan is on file in DEPI'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: 10/08/2008

API NO. ASSIGNED: 43-047-40396

WELL NAME: HCU 1-30F

OPERATOR: XTO ENERGY INC (N2615)

PHONE NUMBER: 435-722-4521

CONTACT: DON HAMILTON

PROPOSED LOCATION:

NENE 30 100S 200E
 SURFACE: 0595 FNL 0620 FEL
 BOTTOM: 0595 FNL 0620 FEL
 COUNTY: UINTAH
 LATITUDE: 39.92380 LONGITUDE: -109.6997
 UTM SURF EASTINGS: 611120 NORTHINGS: 4419899
 FIELD NAME: NATURAL BUTTES (630)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-29784
 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)
- N Potash (Y/N)
- Y Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10991)
- N RDCC Review (Y/N)
(Date: _____)
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: HILL CREEK
- _____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
Board Cause No: 197-11
Eff Date: 8-17-2000
Siting: 460' fr unit boundary
- _____ R649-3-11. Directional Drill

COMMENTS: _____

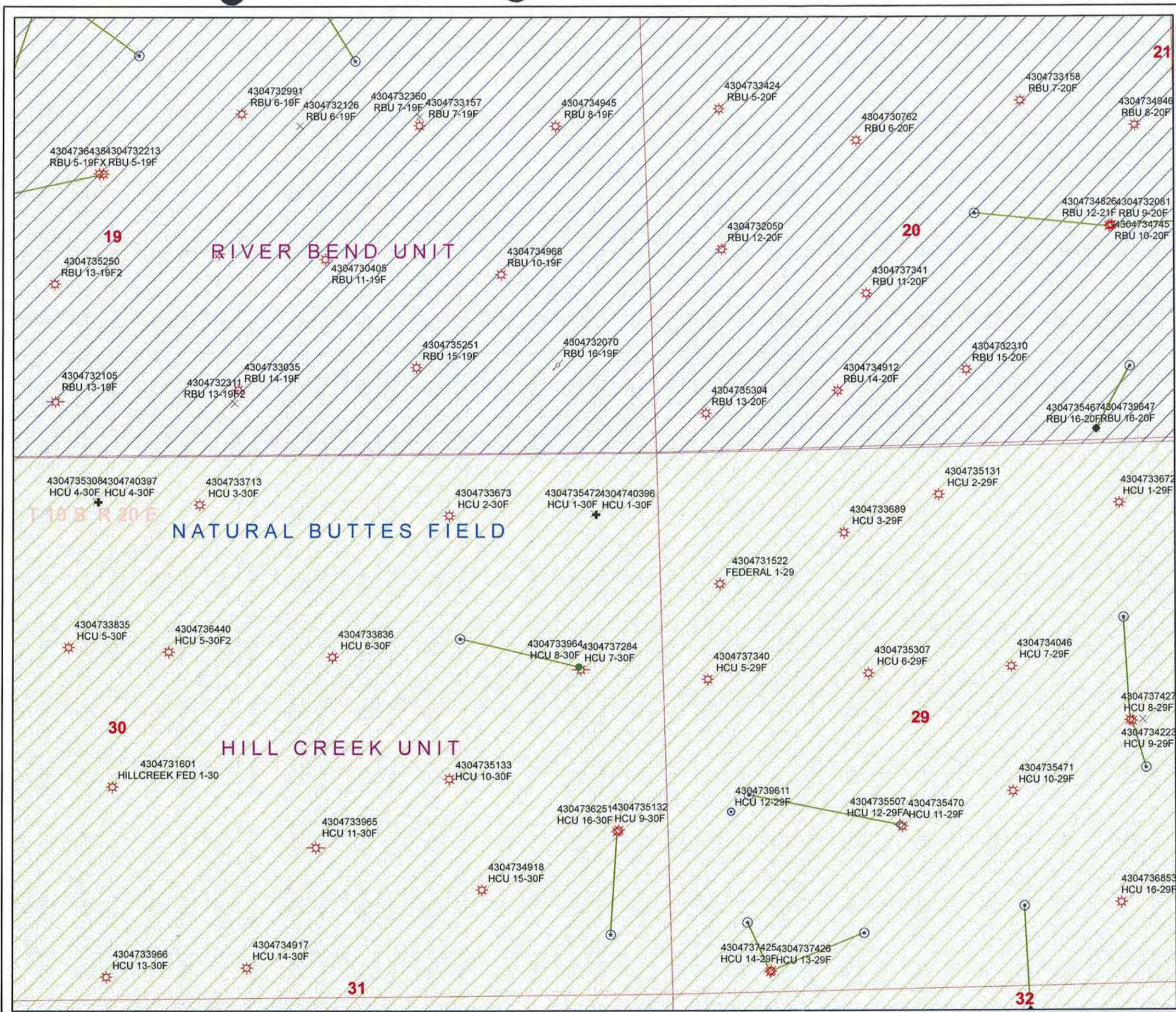
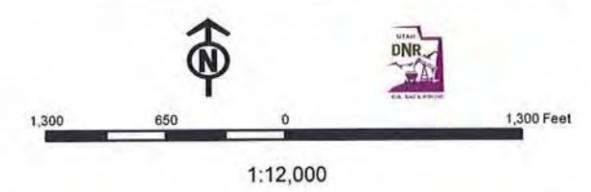
STIPULATIONS: _____

1-Federal Approval

API Number: 4304740396
Well Name: HCU 1-30F
Township 10.0 S Range 20.0 E Section 30
Meridian: SLBM
Operator: XTO ENERGY INC

Map Prepared:
 Map Produced by Diana Mason

- | Units | | Wells Query Events | |
|--------------|--------------|--------------------|----------------------|
| ACTIVE | EXPLORATORY | EXPLORATORY | <Null> |
| GAS STORAGE | NF PP OIL | NF PP OIL | APD |
| NF SECONDARY | PI OIL | PI OIL | DRL |
| PP GAS | PP GEOTHERML | PP GEOTHERML | GI |
| PP OIL | SECONDARY | SECONDARY | GS |
| TERMINATED | | TERMINATED | LA |
| | | | NEW |
| | | | OPS |
| | | | PA |
| | | | PGW |
| | | | POW |
| | | | RET |
| | | | SGW |
| | | | SOW |
| | | | TA |
| | | | TW |
| | | | WD |
| | | | WI |
| | | | WS |
| | | | Bottom Hole Location |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

October 14, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Hill Creek Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Hill Creek Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-40396 HCU 1-30F Sec 30 T10S R20E 0595 FNL 0620 FEL

43-047-40397 HCU 4-30F Sec 30 T10S R20E 0437 FNL 1000 FWL

Our records indicate the HCU 4-30F is closer than 460 feet from the Hill Creek Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Hill Creek Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-14-08

RECEIVED

OCT 16 2008

DIV. OF OIL, GAS & MINING



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

October 16, 2008

XTO Energy, Inc.
P O Box 1360
Roosevelt, UT 84066

Re: HCU 1-30F Well, 595' FNL, 620' FEL, NE NE, Sec. 30, T. 10 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 43-047-40396.

Sincerely,

for

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: XTO Energy, Inc.
Well Name & Number HCU 1-30F
API Number: 43-047-40396
Lease: UTU-29784

Location: NE NE Sec. 30 T. 10 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. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784
---	--

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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: HILL CREEK
--	--

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HCU 1-30F
------------------------------------	--

2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047403960000
---	---

3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0595 FNL 0620 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 10.0S 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: 10/15/2010 <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:

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

XTO 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: October 12, 2009

By:

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A	DATE 10/12/2009	



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 43047403960000

API: 43047403960000

Well Name: HCU 1-30F

Location: 0595 FNL 0620 FEL QTR NENE SEC 30 TWNP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 10/16/2008

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: 10/12/2009

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

Date: October 12, 2009

By: 

**Federal Approval of this
Action is Necessary**

API Well No: 43047403960000

<p>STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p>FORM 9</p>
<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>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.</p>	<p>5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784</p>
<p>1. TYPE OF WELL Gas Well</p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</p>
<p>2. NAME OF OPERATOR: XTO ENERGY INC</p>	<p>7. UNIT or CA AGREEMENT NAME: HILL CREEK</p>
<p>3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410</p>	<p>8. WELL NAME and NUMBER: HCU 1-30F</p>
<p>PHONE NUMBER: 505 333-3159 Ext</p>	<p>9. API NUMBER: 43047403960000</p>
<p>4. LOCATION OF WELL FOOTAGES AT SURFACE: 0592 FNL 0570 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 10.0S Range: 20.0E Meridian: S</p>	<p>9. FIELD and POOL or WILDCAT: NATURAL BUTTES</p>
	<p>COUNTY: UINTAH</p>
	<p>STATE: UTAH</p>

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: 1/15/2010	<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 checked="" 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 type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: Plan Changes

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

The APD for the well above well was submitted on October 6th, 2008. After further review XTO has **decided to drill this as a horizontal well**. Attached is a revised drilling program along with a horizontal drilling plan, updated Plats and a new surface use plan. The TVD of the well has been changed from 10,250ft to 12,648ft. (Footages have changed)

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

Date: January 20, 2010

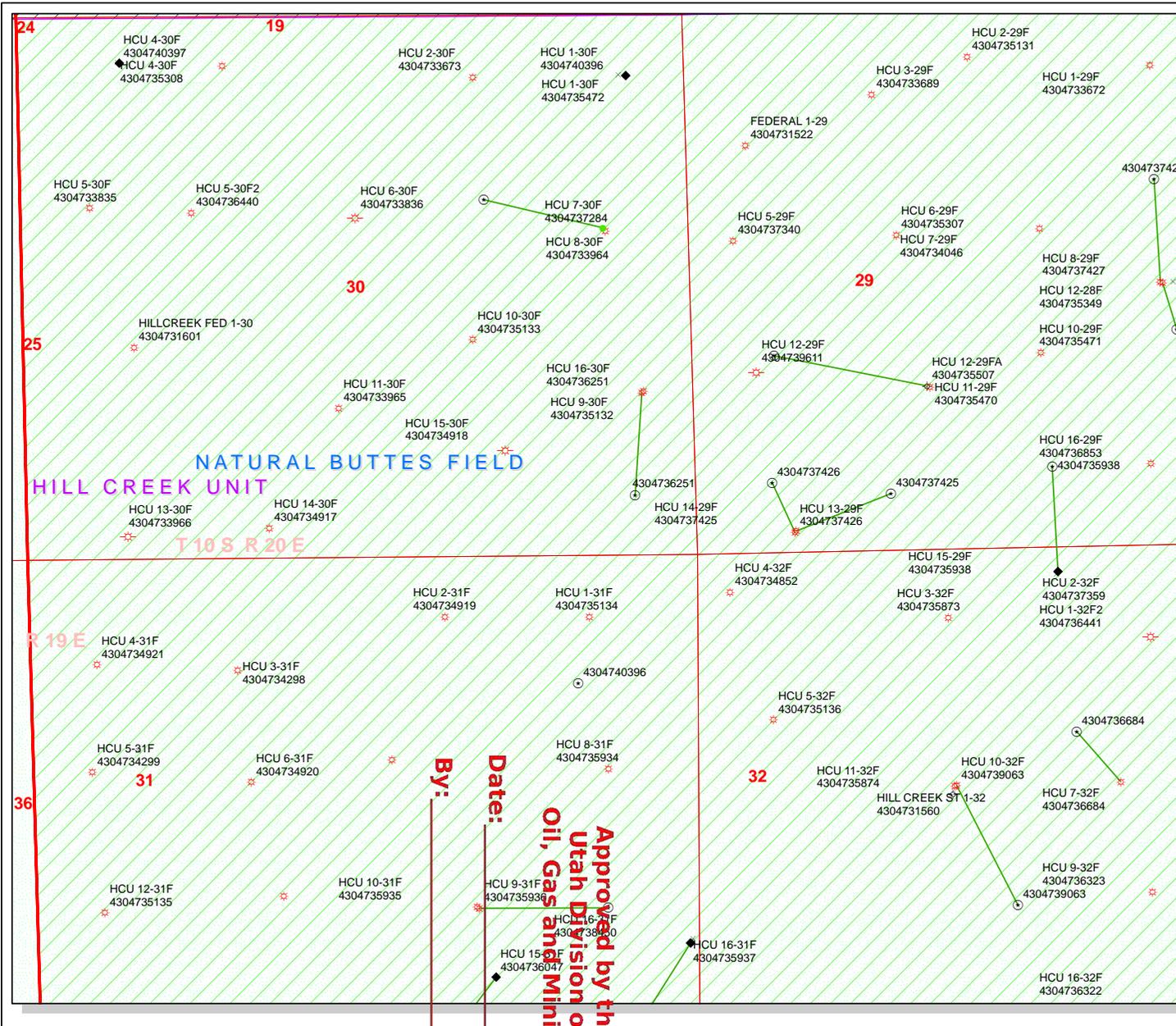
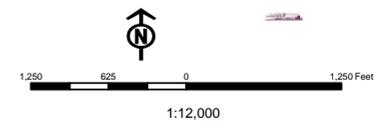
By: _____

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A	DATE 1/5/2010	

API Number: 4304740396
Well Name: HCU 1-30F
Township 10.0 S Range 20.0 E Section 30
Meridian: SLBM
Operator: XTO ENERGY INC

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Fields	SGW - Shut-in Gas Well
Unknown	SOW - Shut-in Oil Well
ABANDONED	TA - Temp. Abandoned
ACTIVE	TW - Test Well
COMBINED	WDW - Water Disposal
INACTIVE	WWI - Water Injection Well
STORAGE	WSW - Water Supply Well
TERMINATED	
Sections	
Township	



By: _____
Date: _____
Approved by the Utah Division of Oil, Gas and Mining

T10S, R20E, S.L.B.&M.

XTO ENERGY, INC.

Well location, HCU #1-30F, located as shown in NE 1/4 NE 1/4 of Section 30, T10S, R20E, S.L.B.&M., Uintah County, Utah.

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, UINTAH 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.

BASIS OF BEARINGS

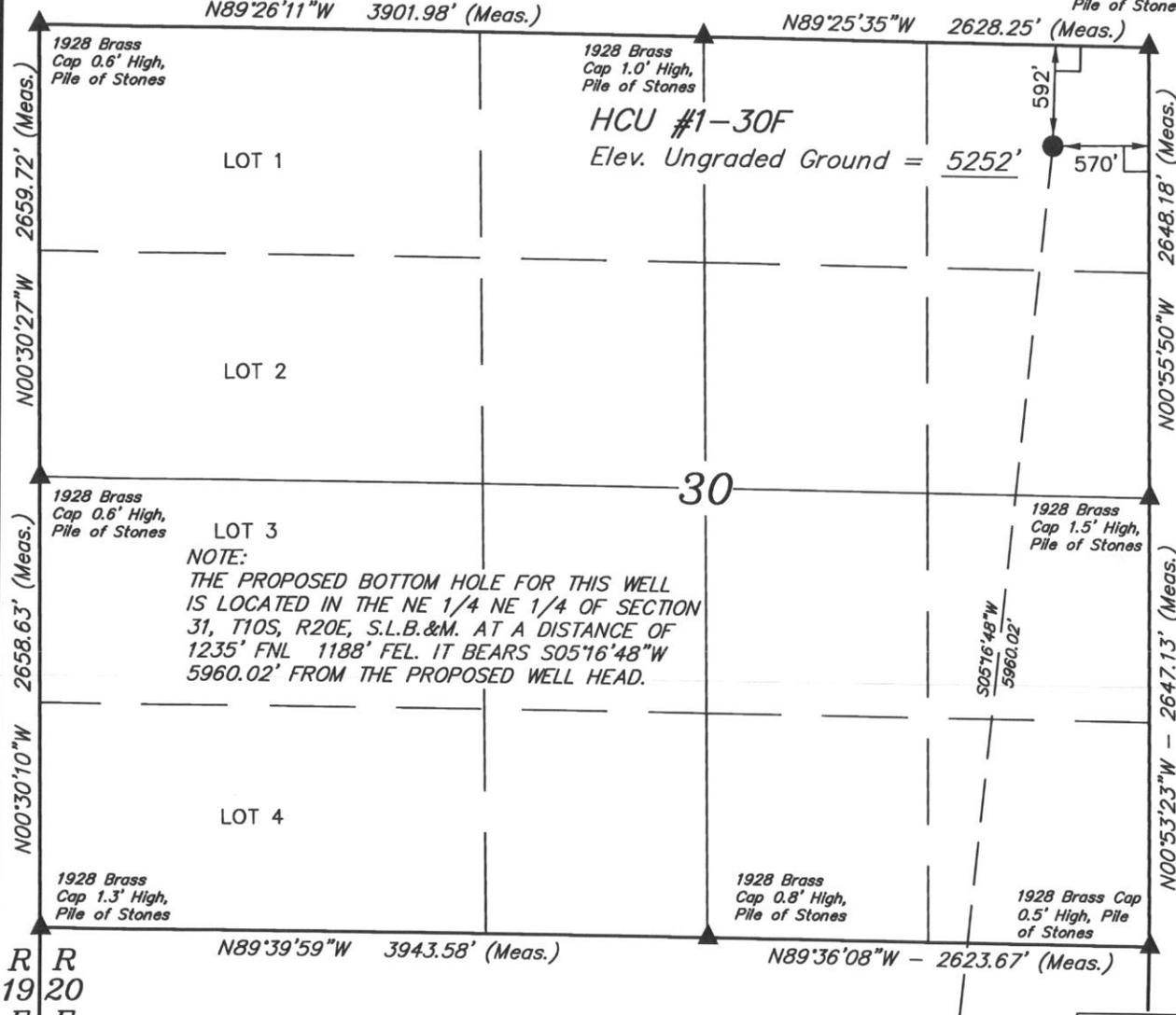
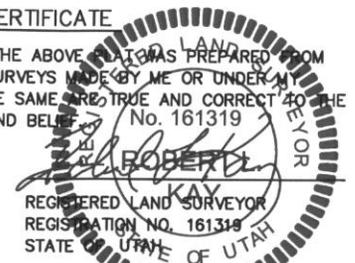
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT 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. No. 161319



NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NE 1/4 NE 1/4 OF SECTION 31, T10S, R20E, S.L.B.&M. AT A DISTANCE OF 1235' FNL 1188' FEL. IT BEARS S05°16'48"W 5960.02' FROM THE PROPOSED WELL HEAD.

Revised: 12-04-09 D.R.B.
Revised: 10-28-09 D.R.B.
Revised: 07-01-08 D.P.
Revised: 02-09-05 D.R.B.

BOTTOM HOLE ○

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°54'26.97" (39.907492)	LONGITUDE = 109°42'07.86" (109.702183)	LATITUDE = 39°55'25.61" (39.923781)	LONGITUDE = 109°42'00.82" (109.700228)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°54'27.10" (39.907528)	LONGITUDE = 109°42'05.36" (109.701489)	LATITUDE = 39°55'25.74" (39.923817)	LONGITUDE = 109°41'58.33" (109.699536)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-17-03	DATE DRAWN: 04-18-03
PARTY K.K. M.B. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE XTO ENERGY, INC.	

T10S, R20E, S.L.B.&M.

XTO ENERGY, INC.

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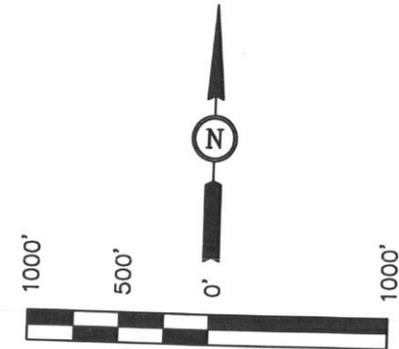
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TARGET BOTTOM HOLE

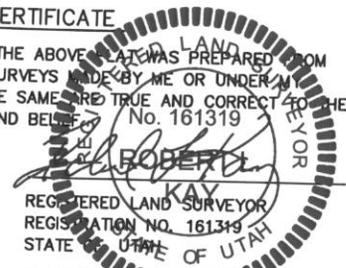
NOTE:
THE PROPOSED BOTTOM HOLE BEARS S05°16'48"W 5960.02' FROM THE PROPOSED WELL HEAD.

31



SCALE
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT 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.



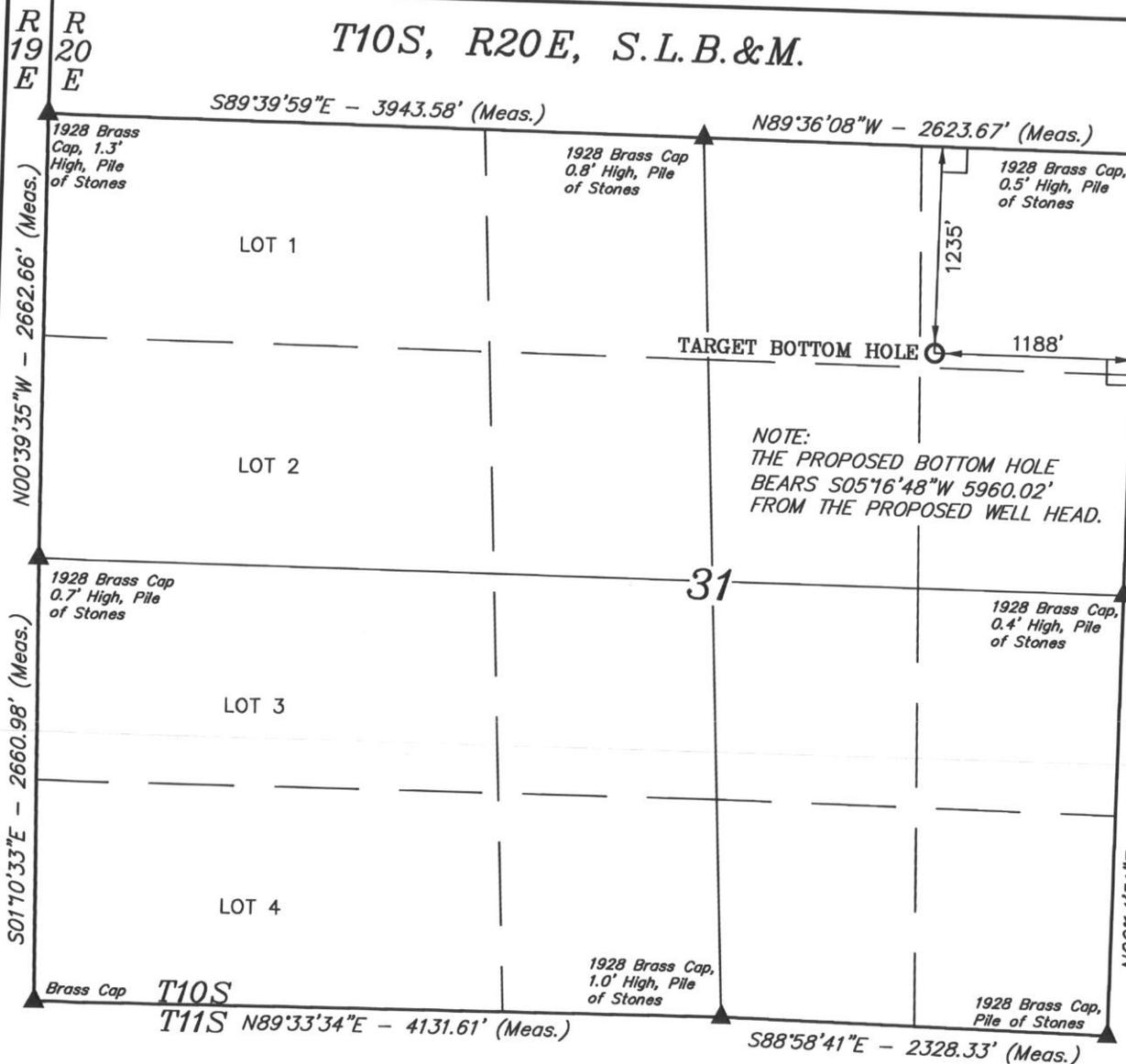
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SCALE 1" = 1000'	DATE SURVEYED: 04-17-03	DATE DRAWN: 12-07-09
PARTY K.K. M.B. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE XTO ENERGY, INC.	

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NAD 27 (TARGET BOTTOM HOLE)
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LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



R
19
E

1928 Brass Cap, 1.3' High, Pile of Stones

1928 Brass Cap, 0.8' High, Pile of Stones

1928 Brass Cap, 0.5' High, Pile of Stones

1928 Brass Cap, 0.7' High, Pile of Stones

1928 Brass Cap, 0.4' High, Pile of Stones

1928 Brass Cap, 1.0' High, Pile of Stones

1928 Brass Cap, Pile of Stones

Brass Cap

T10S

T11S N89°33'34"E - 4131.61' (Meas.)

S88°58'41"E - 2328.33' (Meas.)

N00°39'35"W - 2662.66' (Meas.)

S01°10'33"E - 2660.98' (Meas.)

S89°39'59"E - 3943.58' (Meas.)

N89°36'08"W - 2623.67' (Meas.)

N00°14'15"E - 2643.03' (Meas.)

N00°14'51"E - 2648.63' (Meas.)

1235'

1188'

RECEIVED January 05, 2010

Drilling Plan – Single Long Lateral in Mancos Shale

Well Name and Location

Hill Creek Unit 1-30F
Location: NE NE Sec 30- T10S - R20E
Footage: 570' FEL & 592' FNL
Elevation: Un-graded Pad 5252', Estimated KB = 5271'
Uintah County, UT

Driving Directions

Directions to Well: Proceed in a westerly direction from Vernal, UT along U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88; Exit left and proceed in southerly direction approximately 17.0 miles to Ouray, UT; 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 2.8 miles to the junction of this road and an existing road to the west; turn right and proceed in a westerly, then southwesterly direction approximately 0.5 miles to the junction of this road and an existing road to the north; Turn right and proceed in a northerly, then southwesterly direction approximately 2.8 miles to the junction of this road and an existing road to the southwest. Proceed in a southwesterly direction approximately 0.6 miles to the beginning of the proposed access to the northwest.; Follow Road flags in a northwesterly direction approximately 430' to the proposed location (Note: Total Distance from Vernal, UT to the proposed well location is approximately 46.8 miles).

Drilling Rig Description

Rig Type:	1200 HP Minimum Top Drive Rig (Undesignated at this time)
Draw Works	1200 HP Minimum Input Rating (Undesignated at this time)
Mast	Undesignated Rig – Mast of Selected Rig will accommodate 3 joints DP
Prime Movers	Undesignated Rig at this point in time
Pumps	Selected Rig will have Triplexes with minimum 1000 input HP ratings
BOPE	11" Minimum Size, 10000 psi Double Gate BOP 11" Minimum Size, 5000 psi Annular BOP 3" Min OD x 10,000 psi choke manifold

Formation Tops

	TVD	
Green River	1181	
"Birds Nest" Member	1864'	
Mahogany Bench Marker	1993	
Wasatch Tongue	4058	
Green River Tongue	4408	
Wasatch	4558	
Chapita Wells	5503	
Uteland Buttes	6653	
Mesaverde	7493	
Castlegate	10298	
Blackhawk	10468	
Mancos	10965	
Mancos "B"	11333	
Mancos "B" Base	11796	
Top of Mancos Target Zone	12647	
Base of Mancos Target Zone	13048	(Note: Depths indicated are at Surface Loc. Coordinates)

Logging, DST and Coring Program

1. A mud log will be run from slightly above the Mancos zone to TD and all lateral wellbores which includes a total gas chromatograph and sample cuttings – 15' samples in the vertical wellbore and 30' in horizontal hole. A CBL/GR log will be performed from deepest free fall depth in 7" casing to surface "0" feet - GR Scale change to 0 – 100 units from 3000' to zero. An MWD GR/ROP log will also be performed from KOP (where the CBL will be tied into) to TD of the lateral.
2. No DST's will be performed as the vertical portion of the wellbore is not of major focus.

H₂S

Based on previous penetrations in the offset HCU 12-29F (3/4 mi SSE), presence of H₂S is not anticipated. If encountered, RU H₂S safety trailer, etc.

BOP Equipment Requirements (See attached diagram detailing BOPE specifications)

1. Rig will be equipped with upper and lower Kelly cocks with handles available
2. Inside BOP & TIH valves will be available to use on all sizes and threads of drill pipe used on well.
3. BOP Accumulator will have enough capacity to close the HCR valve, close all rams plus the annular preventer and retain a minimum of 200 psi above pre-charge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the useable fluid volume of the accumulator system capacity and the fluid level shall be maintained at the manufacturer's recommendation. There will be 2 additional sources of power to power the closing pumps (electric and air). Sufficient N₂ bottles will be available and will be recharged when pressure falls below the manufacturer's minimum.
4. BOP Ram preventers will be tested to 10,000 psi using a test plug when initially installed and after 7 inch casing is nipped up and at 30 day intervals. Test BOP and casing strings to 1500 psi just prior to drilling out 9-5/8" and 7" casing shoes. Function test rams and hydraulically operated remote choke line valve every crew change.
5. Remote Valve for BOP rams, HCR and Choke shall be positioned in a location that is readily handy to the Driller. The remote BOP valve shall be capable of closing and opening the rams.
6. Hand wheels on BOP shall be equipped with locking devices. A locking device shall be placed on the annular preventer line valve, and must be locked in the open position. This lock shall only be removed when the closing unit is inoperative.

Drilling Fluid and Related Equipment

1. Pumps shall be equipped with stroke counters with displays located in dog house. The slow pump speed shall be recorded on drilling report daily after mudding up.
2. A Pit Volume Totalizer will be installed and the readout will be displayed in the doghouse.
3. Gas detecting equipment (for a chromatograph) will be installed at shaker. Readouts will be available in dog house and in geologist trailer.
4. In the event gas flow becomes an issue: A flare pit shall be constructed not less than 100 feet from the wellhead and 50' from the closed loop mud system. Lines to the flare pit will be straight runs (staked down) and turns will utilize targeted tees. Flare pit will be located down wind as much as possible. An electronic igniter will be used along with a propane line to provide for a continuous flare pilot.
5. Prior to conversion to the oil based mud to drill the production hole interval, Drip Pans shall be installed below the rotary beams on the substructure of the drilling rig.
6. For the portion of the hole drilled with OBM, drying shaker and cuttings tank will be installed downstream from the tandem shakers.
7. For the portion of the hole drilled with oil based mud, mud vacuums shall be maintained and utilized on the rig floor to keep the rig clean.
8. A plastic liner shall be installed beneath the steel mud circulating tanks, and associated tandem shaker, drying shaker, and temporary cuttings storage tank.
9. A plastic liner shall be installed beneath the 500 bbl storage tank for oil based mud cuttings.
10. The oil based mud storage tanks shall be located on a plastic liner and bermed for spill prevention.
11. Any surface location that the drilling mud could possibly come in contact with will be lined including load-out and transport areas. These areas will have a perimeter berm or excavated catch trench.

Drilling Plan

Section 1 – Conductor Casing>>

Conductor to: 500 (Conductor Casing Depth)

Structural: 20" pipe set @ +40' w/26" Bucket -Dry Drilled (Augared) & set w/Redi-Mix
Hole Size: 17.5" OD
Fluid System: Air-Mist
Bits: Air Hammer Bit – 17-1/2" OD
Procedure: Drill to Conductor casing setting depth plus necessary rat hole. Run casing and cement. NU a diverter stack with rotating head to divert flow from rig floor to blow pit. Function test valves on the diverter stack.
Casing: 13-3/8", 48 lb/ft, H-40, ST&C **Set at: +/- 500 ft**
Centralizers: 2 centralizers on the first 2 joints including the shoe joint, and one in the upper part of the hole to centralize the pipe
Cement: One Slurry Design **450 Sacks**
Class G plus CaCl 2% and 1/4#/sk Celloflake. Mixed @ ~4.97 gps wtr, 1.15 cf/sx yield and 15.8 ppg
Top Out Cmt: If needed a Class "G" type will be used (~1.15 CF / sx) to bring to surface

Note: Volumes based on 50% excess. Final Cement Design may vary from above design depending on actual hole conditions and parameters.

Drilling Plan (Continued)

Section 2 – Surface Casings

Surface to 3200' (Surface Casing Depth)

Conductor: 13-3/8" Cond. set @ \pm 500' (depending on any gravel present) – Cmt'd to surface
Hole Size: 12-1/4" OD
Fluid System: Air - Air/Mist
Bits: Tricone Mill Tooth (12-1/4" OD)
Procedure: Set 9-5/8" Surface Pipe near the base of the Mahogany Bench formation
Drill to casing setting depth plus necessary rathole. Run casing and cement.
Weld on slip-over bradenhead x 11", 5m casing head. NU X-O drilling spool back to 11", 10,000 psi flange
NU 10m BOPE. Test to 10,000 PSI.
Casing: 9-5/8", 36 lb/ft, J-55, 8rd LT&C, R3, Seamless **Set at: 3,200 ft**
Csg Safety Fac:
Centralizers: Minimum of 3 centralizers on the bottom 3 joints of casing starting with shoe joint
Cement: Lead Slurry **300 Sacks**
Prem Type V plus 16% high yield add, 3% Salt, 10#/sx LCM, 1/4#/sk Celloflake.
Mixed @ ~23.0 gps wtr, 3.82 cf/sx yield and 11.0 ppg
Tail Slurry **200 Sacks**
Class G plus 2% CaCl and 1/4#/sk Celloflake. Mixed @ 5.0 gps wtr, 1.15 cf/sx yield and 15.8 ppg
Note: Volumes calculated assuming 40% excess. Final Cement Design may vary from above design depending on actual hole conditions and parameters.

Section 3 – Surface Casing Shoe to 44 deg Inc KOP >> 3200 to 12151' MD/TVD

Hole Size: 8-3/4" OD
Fluid System: KCl / Polymer FW Mud
Bits: PDC with Mud Motors, with MWD picked up near KOP
Procedure: Drill with PDC bit and motor until bit trip requirement above KOP. Take inclination surveys a minimum of every 500 feet during the vertical section. Hold surveys to 3 deg maximum deviation. PU MWD, new PDC bit, and motor in preparation to drill the curve.
Logs: Mud Logger will start below the surface pipe.

Section 4 – Drill Upper Tangent Curve (8° / 100') >12151' MD/TVD to 12700' MD/12648' TVD (Casing Pt)

Hole Size: 8-3/4" OD
Fluid System: KCl / Polymer FW Mud
Bits: PDC with Mud Motors and MWD
Procedure: Drill curve per directional plan (maximum survey interval is 30') to csg pt (44°).
Casing: 7", 32 lb/ft, P-110, FJ Conn., R3, Seamless casing at **12,700 ft MD**
Centralizers: Minimum of 3 centralizers on the bottom 3 joints of casing starting with shoe joint
Cement: Lead Slurry **560 Sacks**
Econocem™ Type V plus 16% high yield additive & 1/8#/sk Polymer flakes with other trademark additives. Mixed @ ~15.6 gps wtr, 2.75 cf/sx yield and 11.6 ppg
Tail Slurry **240 Sacks**
Extendacem™ 50 / 50 Poz"/G" Cement plus 6% Gel & 1/8#/sk Polymer flakes with other trademark additives - Mixed @ 8.0 gps wtr, 1.62 cf/sx yield & 13.0 ppg
Note: Volumes calculated assuming 30% excess. Final Cement Design may vary from above design depending on actual hole conditions & parameters. If caliper log is available, volumes may be calculated based on log caliper + 15% excess.

Section 5–Drill Lower Tang. Curve (8° /100') >12700' MD/TVD to 13307' MD/12866' TVD (Heel of Lateral)

Hole Size: 6" OD
Fluid System: Invert – 80% Diesel/20% water phase, M.Weight 13.4 – 13.6 ppg, ES: ~600-800
Bits: PDC with Mud Motors and MWD for the lower part of the Tangent Curve
Procedure: PU 6" Tri-Cone, Drill Float Collar, Test 7" Casing, Drill F.Shoe, and ~15 ft 6" open hole
Conduct an FIT on 7" Shoe. Displace WBM with OBM prior to drilling ahead.
Drill lower tangent curve per directional plan (maximum survey interval is 90') to the heel of the lateral at 13307' MD (92-1/2° inclination).

Section 6 – Drill the Horizontal Lateral >>> 13307' MD To 18309' MD/TD (Casing Pt)

Hole Size: 6" OD
 Fluid System: Invert – 80% Diesel/20% water phase, M.Weight 16.6 – 17.0 ppg, ES: ~600-800
 Bits: PDC with Mud Motors and MWD (with possible LWD – GR)
 Procedure: Drill the 6" OD lateral section as per directional plan to total depth of target. Maximum Survey Interval is 90'. (Note: Logging tools with GR may be run with Directional MWD tools contingent on quality of drill cuttings as evaluated by site Mud Loggers). Circulate and condition hole for liner run. POOH with DP and directional tools. Run a 4-1/2", 13.5 ppg, P-110, Specialty FJ Conn Liner with Liner Hanger Packer and PBR to total depth. Set liner hanger, and cement as per cement design below. After the completion of the cement job, un-sting from the liner, and reverse out any residual cement.

Top: 12,150 Bottom: 18,309

Cement: **One Slurry Design 475 Sacks**
 Class "G" with 17.5% Silica Flour + 17.5% Sand + 0.3% FL Agent + 15% Hematite + 0.5% Dispersant + 15% Suspension agent + Defoamer. Slurry to be Mixed @ ~5.32 gps wtr, 1.45 cf/sx yield and 17.2 ppg Density
 Note: Volumes calculated assuming 25% excess. Final Cement Design may vary from above design depending on actual hole conditions & parameters.

Finalize Well >>>> POOH and LDDP
 ND BOP. NU a 7-1/16", 10m psi tapped blanking flange with nipple and valve
 RDMO
 Completion Operations will follow at a later date

CASING PROGRAM SUMMARY

Surface Casing: 9.625" casing to be set at ±3200' in a 12-1/4" hole filled with 8.5 ppg mud

Interval	Length	Wt	Gr	Cplg	Collapse Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-3200'	3200'	36.0#	J-55	ST&C	2020	3520	394	8.921	8.765	1.47	1.53	3.42

Bi-Axial Stresses taken into account. Burst with 12.2 FG @ shoe, Collapse w/full evacuation, Tension without buoyancy.

Intermediate Casing: 7" casing to be set ±12,700'MD/12,650'TVD in 8-3/4" hole filled w/12.0 ppg mud

Interval	Length	Wt	Gr	Cplg	Collapse Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-12,700'	12,700'	32.0#	P-110	FJ Spec	10760	12460	1025	6.094	6.00	1.45	1.46	2.53

Bi-Axial Stresses taken into account. Collapse loading w/ full evacuation. Burst w/ full column gas to surface. Csg - "Special Drift."

Production Liner: 4.5" liner to be set at TD (±18,309') in 6.0" hole filled with 16.8 ppg mud.

Interval	Length	Wt	Gr	Cplg	Collapse Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
12,150'-18,309'	6159'	13.5#	P-110	FJ Spec	10760	12460	422	3.920	3.795	1.00	1.42	1.71

Bi-Axial Stresses taken into account. Collapse loading w/ full evacuation. Burst w/ full column gas to surface & 0.52 psi/ft back-up.

XTO Energy, Inc

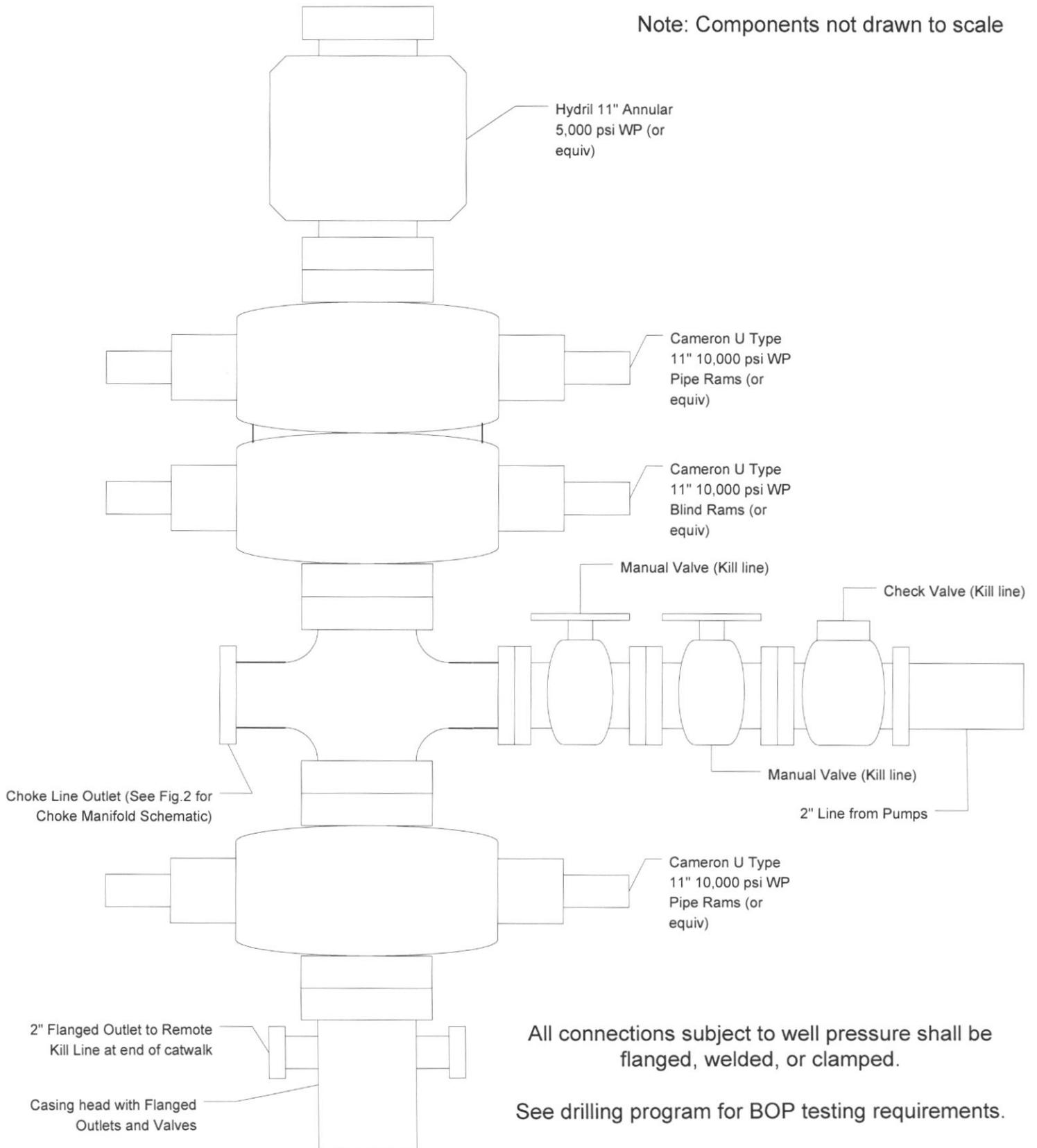


10m Working Pressure BOP Stack, Figure 1

12/7/2009

Rig- Undesgn

Note: Components not drawn to scale

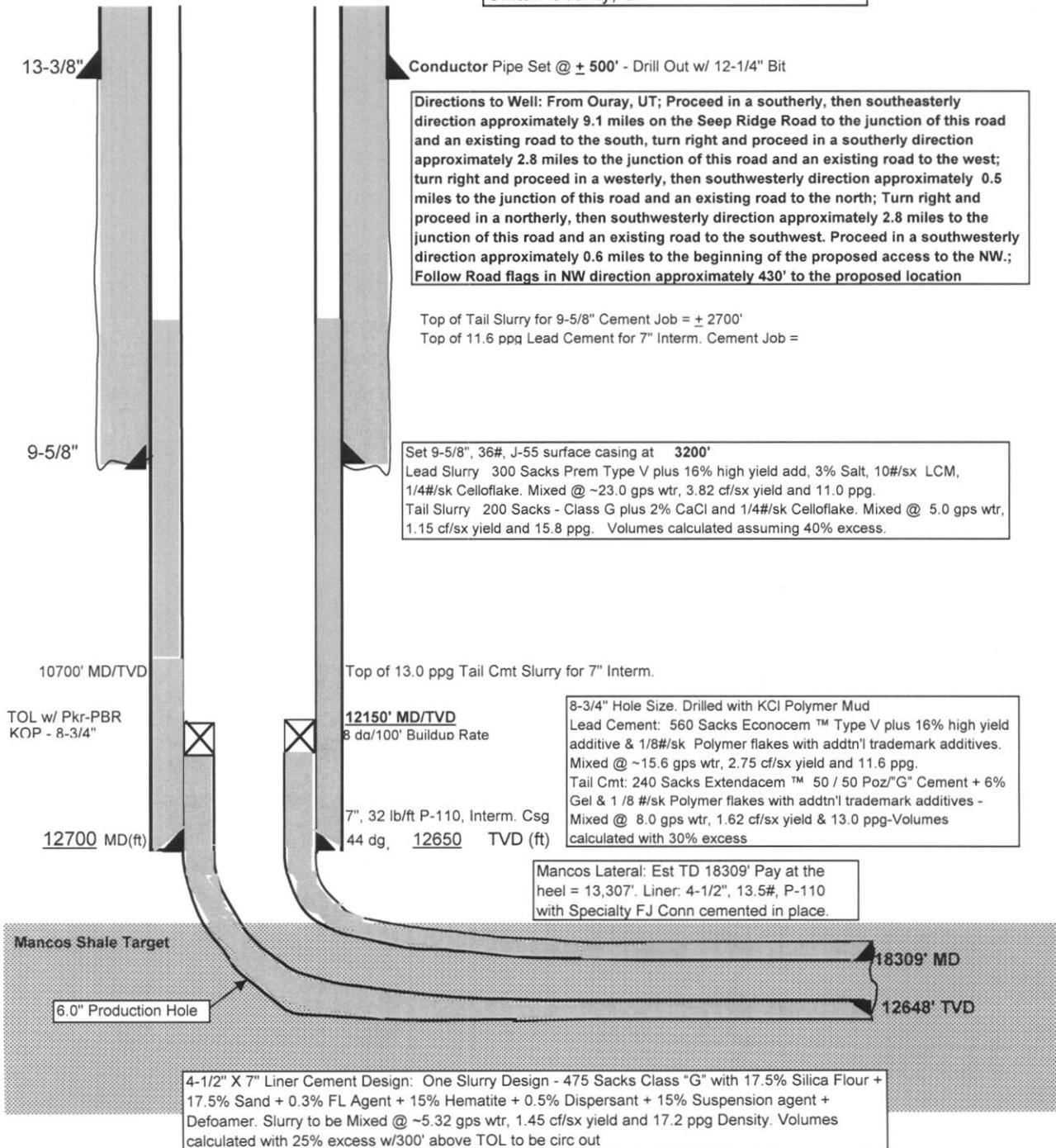




Well Construction Diagram

HCU 1-30F

Location: NE Sec 30 - T10S - R20E
 Footage: 570' FEL & 592' FNL
 Elevation: Un-graded Pad 5252', Est. KB =5271'
 Uintah County, UT



XTO Energy

Natural Buttes Wells(NAD83)

HCU 1-30F

HCU 1-30F

HCU 1-30F

Plan: Plan 1

Standard Planning Report

20 October, 2009

XTO Energy, Inc.
Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well HCU 1-30F
Company:	XTO Energy	TVD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Project:	Natural Buttes Wells(NAD83)	MD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Site:	HCU 1-30F	North Reference:	True
Well:	HCU 1-30F	Survey Calculation Method:	Minimum Curvature
Wellbore:	HCU 1-30F		
Design:	Plan 1		

Project	Natural Buttes Wells(NAD83), Vernal, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Utah Northern Zone		

Site	HCU 1-30F, T10S, R20E				
Site Position:		Northing:	956,110.39 m	Latitude:	39° 55' 25.590 N
From:	Lat/Long	Easting:	653,868.20 m	Longitude:	109° 42' 1.462 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	1.19 °

Well	HCU 1-30F, Horizontal Mancos					
Well Position	+N-S	0.0 ft	Northing:	956,110.39 m	Latitude:	39° 55' 25.590 N
	+E-W	0.0 ft	Easting:	653,868.20 m	Longitude:	109° 42' 1.462 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,254.0 ft	Ground Level:	5,254.0 ft

Wellbore	HCU 1-30F				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/2/2009	11.35	65.82	52,456

Design	Plan 1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)
	0.0	0.0	0.0	185.00

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
12,150.7	0.00	0.00	12,150.7	0.0	0.0	0.00	0.00	0.00	0.00	
13,306.9	92.50	185.00	12,866.2	-744.6	-65.1	8.00	8.00	0.00	185.00	
18,309.3	92.50	185.00	12,648.0	-5,723.1	-500.7	0.00	0.00	0.00	0.00	Target 1

XTO Energy, Inc.

Planning Report

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Company:	XTO Energy	TVD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Project:	Natural Buttes Wells(NAD83)	MD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Site:	HCU 1-30F	North Reference:	True
Well:	HCU 1-30F	Survey Calculation Method:	Minimum Curvature
Wellbore:	HCU 1-30F		
Design:	Plan 1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

XTO Energy, Inc.

Planning Report

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Company:	XTO Energy	TVD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Project:	Natural Buttes Wells(NAD83)	MD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Site:	HCU 1-30F	North Reference:	True
Well:	HCU 1-30F	Survey Calculation Method:	Minimum Curvature
Wellbore:	HCU 1-30F		
Design:	Plan 1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,100.0	0.0	0.0	0.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,200.0	0.0	0.0	0.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,300.0	0.0	0.0	0.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,400.0	0.0	0.0	0.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,500.0	0.0	0.0	0.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,600.0	0.0	0.0	0.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,700.0	0.0	0.0	0.0	0.00	0.00	0.00

XTO Energy, Inc.

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Well:	HCU 1-30F	Survey Calculation Method:	Minimum Curvature
Wellbore:	HCU 1-30F		
Design:	Plan 1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,800.0	0.00	0.00	10,800.0	0.0	0.0	0.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,900.0	0.0	0.0	0.0	0.00	0.00	0.00
10,965.0	0.00	0.00	10,965.0	0.0	0.0	0.0	0.00	0.00	0.00
Mancos									
11,000.0	0.00	0.00	11,000.0	0.0	0.0	0.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,100.0	0.0	0.0	0.0	0.00	0.00	0.00
11,200.0	0.00	0.00	11,200.0	0.0	0.0	0.0	0.00	0.00	0.00
11,300.0	0.00	0.00	11,300.0	0.0	0.0	0.0	0.00	0.00	0.00
11,333.0	0.00	0.00	11,333.0	0.0	0.0	0.0	0.00	0.00	0.00
Mancos "B"									
11,400.0	0.00	0.00	11,400.0	0.0	0.0	0.0	0.00	0.00	0.00
11,500.0	0.00	0.00	11,500.0	0.0	0.0	0.0	0.00	0.00	0.00
11,600.0	0.00	0.00	11,600.0	0.0	0.0	0.0	0.00	0.00	0.00
11,700.0	0.00	0.00	11,700.0	0.0	0.0	0.0	0.00	0.00	0.00
11,796.0	0.00	0.00	11,796.0	0.0	0.0	0.0	0.00	0.00	0.00
Mancos "B" Base									
11,800.0	0.00	0.00	11,800.0	0.0	0.0	0.0	0.00	0.00	0.00
11,900.0	0.00	0.00	11,900.0	0.0	0.0	0.0	0.00	0.00	0.00
12,000.0	0.00	0.00	12,000.0	0.0	0.0	0.0	0.00	0.00	0.00
12,100.0	0.00	0.00	12,100.0	0.0	0.0	0.0	0.00	0.00	0.00
12,150.7	0.00	0.00	12,150.7	0.0	0.0	0.0	0.00	0.00	0.00
12,200.0	3.95	185.00	12,200.0	-1.7	-0.1	1.7	8.00	8.00	0.00
12,250.0	7.95	185.00	12,249.7	-6.8	-0.6	6.9	8.00	8.00	0.00
12,300.0	11.95	185.00	12,298.9	-15.4	-1.4	15.5	8.00	8.00	0.00
12,350.0	15.95	185.00	12,347.4	-27.5	-2.4	27.6	8.00	8.00	0.00
12,400.0	19.95	185.00	12,395.0	-42.8	-3.7	43.0	8.00	8.00	0.00
12,450.0	23.95	185.00	12,441.4	-61.4	-5.4	61.6	8.00	8.00	0.00
12,500.0	27.95	185.00	12,486.3	-83.2	-7.3	83.5	8.00	8.00	0.00
12,550.0	31.95	185.00	12,529.6	-108.1	-9.5	108.5	8.00	8.00	0.00
12,600.0	35.95	185.00	12,571.1	-135.9	-11.9	136.4	8.00	8.00	0.00
12,650.0	39.95	185.00	12,610.5	-166.5	-14.6	167.1	8.00	8.00	0.00
12,685.8	42.81	185.00	12,637.4	-190.1	-16.6	190.8	8.00	8.00	0.00
Target Zone									
12,700.0	43.95	185.00	12,647.7	-199.8	-17.5	200.5	8.00	8.00	0.00
12,750.0	47.95	185.00	12,682.5	-235.6	-20.6	236.5	8.00	8.00	0.00
12,800.0	51.95	185.00	12,714.6	-273.7	-23.9	274.7	8.00	8.00	0.00
12,850.0	55.95	185.00	12,744.1	-313.9	-27.5	315.1	8.00	8.00	0.00
12,900.0	59.95	185.00	12,770.6	-356.1	-31.2	357.5	8.00	8.00	0.00
12,950.0	63.95	185.00	12,794.1	-400.1	-35.0	401.6	8.00	8.00	0.00
13,000.0	67.95	185.00	12,814.5	-445.6	-39.0	447.3	8.00	8.00	0.00
13,050.0	71.95	185.00	12,831.6	-492.4	-43.1	494.2	8.00	8.00	0.00
13,100.0	75.95	185.00	12,845.4	-540.2	-47.3	542.3	8.00	8.00	0.00
13,150.0	79.95	185.00	12,855.9	-588.9	-51.5	591.2	8.00	8.00	0.00
13,200.0	83.95	185.00	12,862.9	-638.2	-55.8	640.7	8.00	8.00	0.00
13,250.0	87.95	185.00	12,866.4	-687.9	-60.2	690.5	8.00	8.00	0.00
13,300.0	91.95	185.00	12,866.5	-737.7	-64.5	740.5	8.00	8.00	0.00
13,306.9	92.50	185.00	12,866.2	-744.6	-65.1	747.4	8.00	8.00	0.00
13,400.0	92.50	185.00	12,862.1	-837.2	-73.2	840.4	0.00	0.00	0.00
13,500.0	92.50	185.00	12,857.8	-936.7	-82.0	940.3	0.00	0.00	0.00
13,600.0	92.50	185.00	12,853.4	-1,036.3	-90.7	1,040.2	0.00	0.00	0.00
13,700.0	92.50	185.00	12,849.1	-1,135.8	-99.4	1,140.1	0.00	0.00	0.00
13,800.0	92.50	185.00	12,844.7	-1,235.3	-108.1	1,240.0	0.00	0.00	0.00
13,900.0	92.50	185.00	12,840.3	-1,334.8	-116.8	1,339.9	0.00	0.00	0.00

XTO Energy, Inc.
Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well HCU 1-30F
Company:	XTO Energy	TVD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Project:	Natural Buttes Wells(NAD83)	MD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Site:	HCU 1-30F	North Reference:	True
Well:	HCU 1-30F	Survey Calculation Method:	Minimum Curvature
Wellbore:	HCU 1-30F		
Design:	Plan 1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
14,000.0	92.50	185.00	12,836.0	-1,434.4	-125.5	1,439.8	0.00	0.00	0.00
14,100.0	92.50	185.00	12,831.6	-1,533.9	-134.2	1,539.7	0.00	0.00	0.00
14,200.0	92.50	185.00	12,827.2	-1,633.4	-142.9	1,639.7	0.00	0.00	0.00
14,300.0	92.50	185.00	12,822.9	-1,732.9	-151.6	1,739.6	0.00	0.00	0.00
14,400.0	92.50	185.00	12,818.5	-1,832.5	-160.3	1,839.5	0.00	0.00	0.00
14,500.0	92.50	185.00	12,814.2	-1,932.0	-169.0	1,939.4	0.00	0.00	0.00
14,600.0	92.50	185.00	12,809.8	-2,031.5	-177.7	2,039.3	0.00	0.00	0.00
14,700.0	92.50	185.00	12,805.4	-2,131.0	-186.4	2,139.2	0.00	0.00	0.00
14,800.0	92.50	185.00	12,801.1	-2,230.6	-195.1	2,239.1	0.00	0.00	0.00
14,900.0	92.50	185.00	12,796.7	-2,330.1	-203.9	2,339.0	0.00	0.00	0.00
15,000.0	92.50	185.00	12,792.3	-2,429.6	-212.6	2,438.9	0.00	0.00	0.00
15,100.0	92.50	185.00	12,788.0	-2,529.1	-221.3	2,538.8	0.00	0.00	0.00
15,200.0	92.50	185.00	12,783.6	-2,628.7	-230.0	2,638.7	0.00	0.00	0.00
15,300.0	92.50	185.00	12,779.3	-2,728.2	-238.7	2,738.6	0.00	0.00	0.00
15,400.0	92.50	185.00	12,774.9	-2,827.7	-247.4	2,838.5	0.00	0.00	0.00
15,500.0	92.50	185.00	12,770.5	-2,927.2	-256.1	2,938.4	0.00	0.00	0.00
15,600.0	92.50	185.00	12,766.2	-3,026.8	-264.8	3,038.3	0.00	0.00	0.00
15,700.0	92.50	185.00	12,761.8	-3,126.3	-273.5	3,138.2	0.00	0.00	0.00
15,800.0	92.50	185.00	12,757.5	-3,225.8	-282.2	3,238.1	0.00	0.00	0.00
15,900.0	92.50	185.00	12,753.1	-3,325.3	-290.9	3,338.0	0.00	0.00	0.00
16,000.0	92.50	185.00	12,748.7	-3,424.9	-299.6	3,437.9	0.00	0.00	0.00
16,100.0	92.50	185.00	12,744.4	-3,524.4	-308.3	3,537.8	0.00	0.00	0.00
16,200.0	92.50	185.00	12,740.0	-3,623.9	-317.1	3,637.8	0.00	0.00	0.00
16,300.0	92.50	185.00	12,735.6	-3,723.4	-325.8	3,737.7	0.00	0.00	0.00
16,400.0	92.50	185.00	12,731.3	-3,823.0	-334.5	3,837.6	0.00	0.00	0.00
16,500.0	92.50	185.00	12,726.9	-3,922.5	-343.2	3,937.5	0.00	0.00	0.00
16,600.0	92.50	185.00	12,722.6	-4,022.0	-351.9	4,037.4	0.00	0.00	0.00
16,700.0	92.50	185.00	12,718.2	-4,121.5	-360.6	4,137.3	0.00	0.00	0.00
16,800.0	92.50	185.00	12,713.8	-4,221.1	-369.3	4,237.2	0.00	0.00	0.00
16,900.0	92.50	185.00	12,709.5	-4,320.6	-378.0	4,337.1	0.00	0.00	0.00
17,000.0	92.50	185.00	12,705.1	-4,420.1	-386.7	4,437.0	0.00	0.00	0.00
17,100.0	92.50	185.00	12,700.7	-4,519.6	-395.4	4,536.9	0.00	0.00	0.00
17,200.0	92.50	185.00	12,696.4	-4,619.2	-404.1	4,636.8	0.00	0.00	0.00
17,300.0	92.50	185.00	12,692.0	-4,718.7	-412.8	4,736.7	0.00	0.00	0.00
17,400.0	92.50	185.00	12,687.7	-4,818.2	-421.5	4,836.6	0.00	0.00	0.00
17,500.0	92.50	185.00	12,683.3	-4,917.7	-430.2	4,936.5	0.00	0.00	0.00
17,600.0	92.50	185.00	12,678.9	-5,017.3	-439.0	5,036.4	0.00	0.00	0.00
17,700.0	92.50	185.00	12,674.6	-5,116.8	-447.7	5,136.3	0.00	0.00	0.00
17,800.0	92.50	185.00	12,670.2	-5,216.3	-456.4	5,236.2	0.00	0.00	0.00
17,900.0	92.50	185.00	12,665.9	-5,315.8	-465.1	5,336.1	0.00	0.00	0.00
18,000.0	92.50	185.00	12,661.5	-5,415.4	-473.8	5,436.0	0.00	0.00	0.00
18,100.0	92.50	185.00	12,657.1	-5,514.9	-482.5	5,535.9	0.00	0.00	0.00
18,200.0	92.50	185.00	12,652.8	-5,614.4	-491.2	5,635.8	0.00	0.00	0.00
18,309.3	92.50	185.00	12,648.0	-5,723.1	-500.7	5,745.0	0.00	0.00	0.00

XTO Energy, Inc.

Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well HCU 1-30F
Company:	XTO Energy	TVD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Project:	Natural Buttes Wells(NAD83)	MD Reference:	Rig KB @ 5272.0ft (Frontier 4)
Site:	HCU 1-30F	North Reference:	True
Well:	HCU 1-30F	Survey Calculation Method:	Minimum Curvature
Wellbore:	HCU 1-30F		
Design:	Plan 1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
Target 1 - plan hits target - Point	0.00	0.00	12,648.0	-5,723.1	-500.7	954,363.19	653,751.74	39° 54' 29.044 N	109° 42' 7.885 W

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
10,965.0	10,965.0	Mancos		0.00	
11,333.0	11,333.0	Mancos "B"		0.00	
11,796.0	11,796.0	Mancos "B" Base		-1.57	185.00
12,685.8	12,647.0	Target Zone		-2.88	185.00
	13,048.0	Target Zone Base		-3.10	185.00



Well Name: HCU 1-30F

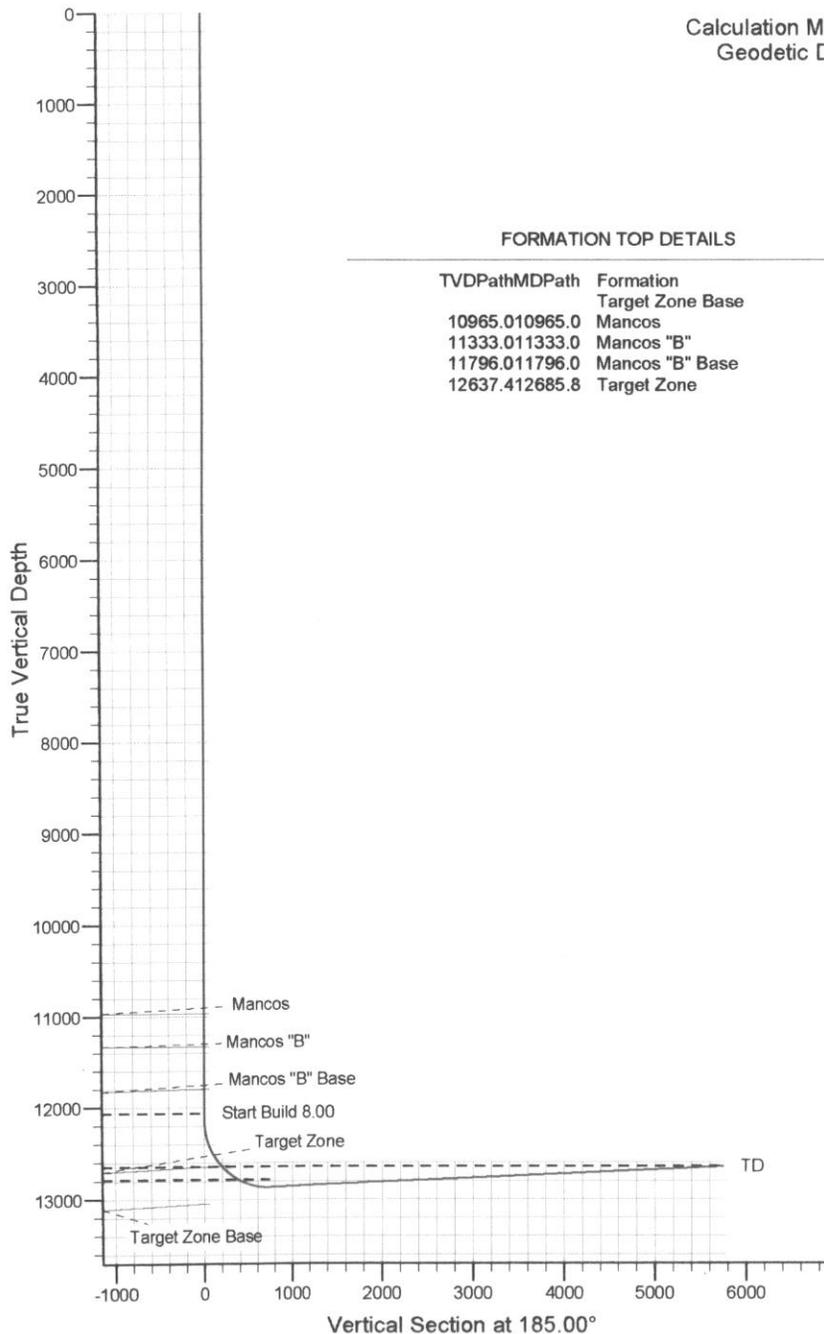
San Juan Division
Drilling Department

Calculation Method: Minimum Curvature
Geodetic Datum: North American Datum 1983
Lat: 39° 55' 25.590 N
Long: 109° 42' 1.462 W



Azimuths to True North
Magnetic North: 11.35°

Magnetic Field
Strength: 52456.2snT
Dip Angle: 65.82°
Date: 10/2/2009
Model: IGRF200510

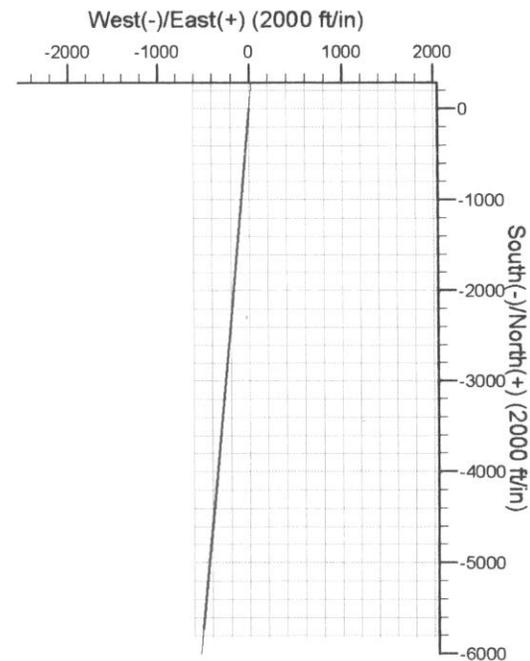
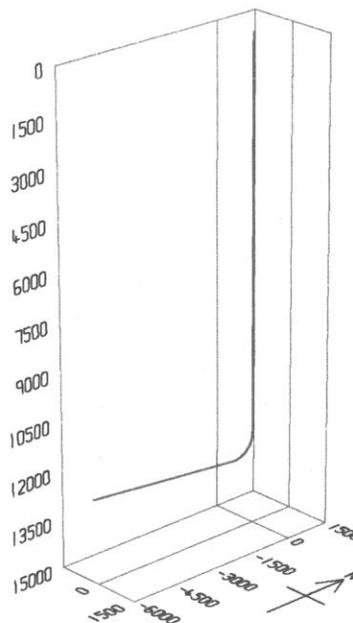


FORMATION TOP DETAILS

TVDP	MDPath	Formation
		Target Zone Base
10965.0	10965.0	Mancos
11333.0	11333.0	Mancos "B"
11796.0	11796.0	Mancos "B" Base
12637.4	12685.8	Target Zone

CASING DETAILS

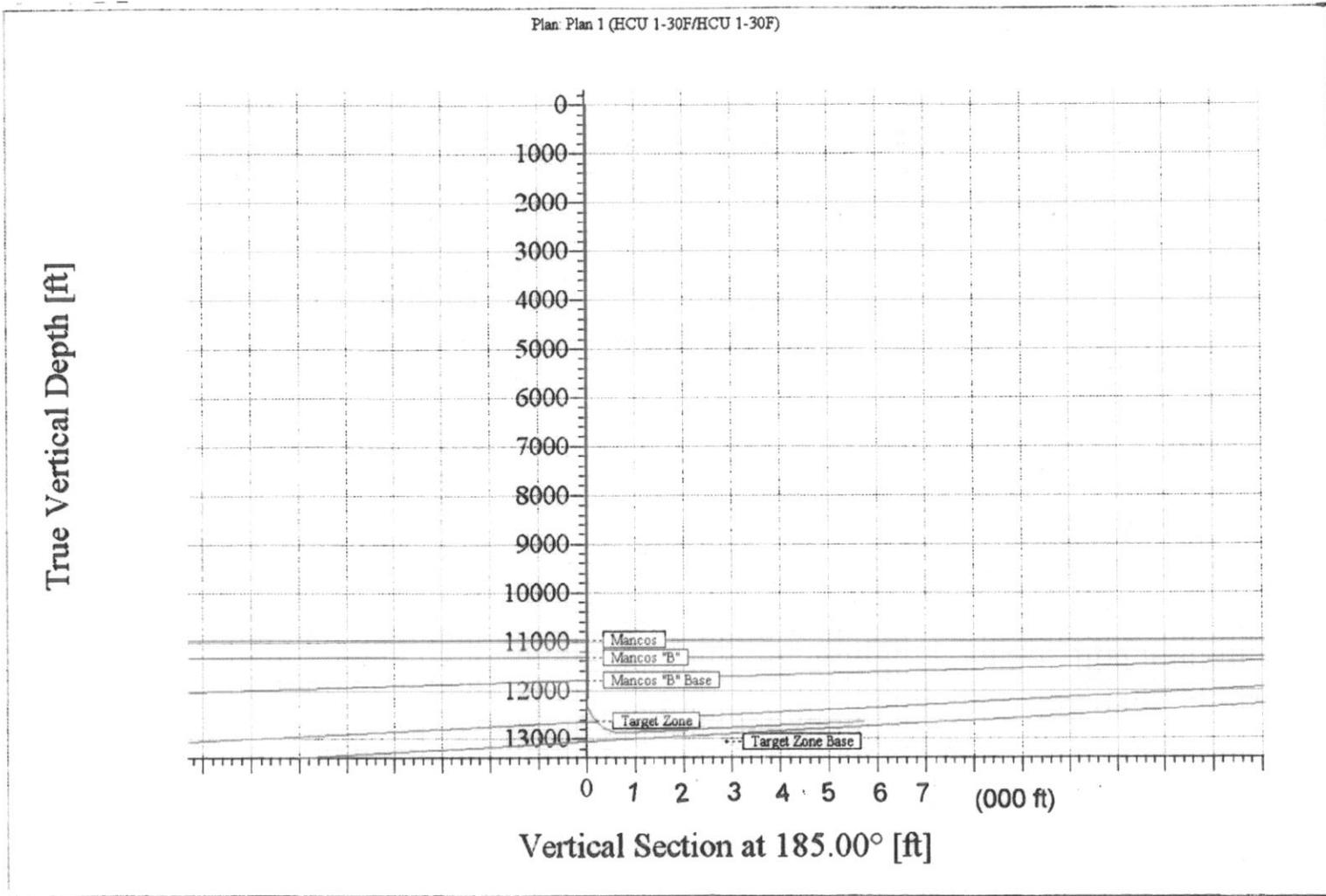
No casing data is available



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
	212150.7	0.00	0.00	12150.7	0.0	0.0	0.00	0.00	0.0	
	313306.9	92.50	185.00	12866.2	-744.6	-65.1	8.00	185.00	747.4	
	418309.3	92.50	185.00	12648.0	-5723.1	-500.7	0.00	0.00	5745.0	Target 1

RECEIVED January 05, 2010



SURFACE USE PLAN

XTO Energy Inc.
HCU 1-30F
592' FNL x 570' FEL
Section 30, T10S, R20E
UINTAH COUNTY, UTAH

TWELVE POINT SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. Proposed route to location is shown on the USGS quadrangle map:
See Exhibit "A".
- b. **The Proposed Well Location is approximately 46.8 miles from Vernal, UT**
- c. Location of proposed well in relation to town or other reference point:
Proceed in a westerly direction from Vernal, UT along US HWY 40 approximately 14.0 miles to the Junction of State HWY 88; Exit left and proceed in a southerly direction approximately 17.0 miles to Ouray, UT; Proceed in a Southerly, then southeasterly direction approximately 9.1 miles on the Seep Ridge to the junction of this Road to the west; turn right and proceed in a Westerly, then Southwesterly direction approximately 0.5 miles to the junction of this road and an existing road to the North; turn right and proceed in a Northerly, then Southwesterly direction approximately 2.8 miles to the junction of this road and an existing road to the Southwest; Proceed in a Southwesterly direction approximately 0.6 miles to the beginning of the proposed access to the Northwest; follow road flags in a Northwesterly direction approximately 270' to the proposed well location.
- d. All existing roads within 1 mile of the drill site are shown on Exhibit "A". **If necessary, all existing roads that will be used for access to the well location will be maintained to their current condition or better unless BLM approval or consent is given to upgrade the existing road(s).**

2. Planned Access Roads:

- a. Location (centerline): **Starting from a point along an existing road in the NE/4 of Sec 30, T10S, R20E.**
- b. Length of new access to be constructed: **Approx 270 feet of new access will be constructed in order to gain safe access to the well pad. See Exhibit "B"**
- c. Length of existing roads to be upgraded: **None**

- d. Maximum total disturbed width: **Typically both existing roads and new access roads require up to 40' of disturbed width in order to obtain a 20' driving surface. If both the road and pipeline are capable of sharing the ROW, then only 50' of disturbed width may be needed.**
- e. Maximum travel surface width: **25' or less**
- f. Maximum grades: **Maximum grades will not exceed 10% after construction.**
- g. Turnouts: **No turnouts are planned at this time. Turnouts may be specified in the approved APD.**
- h. Surface materials: **Only native materials will be used during construction. If necessary, gravel or rock maybe purchased and used to improve road conditions and travel.**
- i. Drainage (crowning, ditching, culverts, etc): **Roads will be crowned and bar ditches will be located along either side. 18-24" dia CMP culverts will be installed as necessary.**
- j. Cattle guards: **No cattle guards are planned at this time. Cattle guards will be specified in the stipulations if necessary.**
- k. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- l. Length of new and/or existing roads which lie outside the lease or unit boundary for which a BLM/state/fee right-of-way is required: **None**
- m. Other: **See general information below.**

Surface disturbance and vehicular travel will be limited to the approved location and access road only. Any additional surface area needed must be approved by BLM in advance.

If any additional right-of-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of a boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.

If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations as determined by the BLM.

If the well is productive, the access road will be rehabilitated as needed and brought to Resource (Class III) Road Standards within a time period specified by the BLM. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Field Office Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells within a one mile radius of the proposed well:
"See Exhibit C"

4. Location of Production Facilities:

- a. On-site facilities: **Typical on-site facilities will consist of a wellhead, flow lines (typ 3" dia.), artificial lifting system (if necessary), wellhead compression (if necessary), gas/oil/water separator (3 phase), gas measurement and water measurement equipment, and a heated enclosure/building for weather and environmental protection. The tank battery will typically be constructed and surrounded by a berm of sufficient capacity to contain 1½ times the storage capacity of the largest tank(s). The tanks typically necessary for the production of this well will be 1 – 300 bbl steel, above ground tank for oil/condensate and 1 – 300 bbl steel, tank for produced water. All loading lines and valves for these tanks will be placed inside the berm surrounding the tank battery.**

All oil/condensate production and measurement shall conform to the provisions of 43 CFR § 3162.7 and Onshore Oil and Gas Order No. 4, if applicable. Other on-site equipment and system may include methonal injection and winter weather protection.

All permanent (in place for six months or longer) structures constructed or installed on the well site location will be painted a flat, nonreflective color to match the standard environmental colors, as specified by the COA's in the APD. All facilities will be painted within six months of installation. Facilities required by comply with the Occupational Safety and Health Act (OSHA) may be excluded.

- b. Off-site facilities: **N/A**
- c. Pipelines: **The well will be produced into a 4" steel gas pipeline and transported to either an existing pipeline ROW (3rd party transporter) or gas gathering facility. See Exhibit "D" for the proposed pipeline route.**
- d. Power lines: **There are no plans to include power lines in this application. In the event power is required, a ROW application will be submitted to the appropriate agencies.**

5. Location and Type of Water Supply:

Water will be purchased from a commercial water source and trucked via third party to the location over approved access roads.

Water will be hauled from one of the following sources:

- Water Permit # 43-10991, Sec. 9 T8S R20E
- Water Permit # 43-11976, Sec. 9 T8S R20E
- Water Permit # 43-10664, Sec. 32 T6S R20E
- Water Permit # 43-11053, Sec. 5 T7S R20E
- Water Permit # 49-2189, Sec. 33 T8S R20E
- Water Permit # 49-2290, Sec. 33 T6S R20E
- Water Permit # 49-1645, Sec. 5 T9S R22E
- Water Permit # 49-2166, Sec. 9 T8S R20E
- Water Permit # 49-2299, Sec 33 T8S R20E
- Water Permit # 49-367, Sec. 17 T10S R20E
- Water Permit # 49-2291, Sec. 10 T11S R20E
- Tribal Resolution 06-183, Sec. 22 T10S R20E

6. Source of Construction Material:

Pad construction material will be obtained from (if the material source is federally owned, a map will be included showing the location of the material):

All construction material will be purchased from private landowners and or from a commercial gravel/materials pit. All material will be trucked to location via third party trucking using only approved access roads.

The use of materials under BLM jurisdiction will conform to 43 CFR § 3610.2-3, if applicable.

7. Methods of Handling Waste Disposal:

Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc.

The reserve pits will typically be lined with a synthetic material, ±20 mils in thickness. The reserve pits shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pits will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pits are dry. Two separate reserve pits will be constructed for this well, one for water based mud and cuttings, and one for the oil based mud cuttings. Appropriate precautions, such as bird netting or bird balls will be used in order to prevent access and mortality of birds and other animals.

Drying shakers and cuttings tanks will be used on all oil based cuttings to remove residual oil from the cuttings. Vacuums will be used to keep the rig floor clean for the portion of the hole drilled with oil based mud. Plastic liners will also be installed beneath the steel mud circulating tanks associated with the drying shaker and the temporary cuttings tank.

Muds and cuttings will be solidified in place and buried. All precautions will be used as to minimize damage done to the pit liner while mixing is taking place. Solibond a third party waste processing company will be used for the mixing and burying of the cuttings.

Trash must 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.

Sewage from trailers and chemical portable toilets will be removed on a regular basis by a third party contractor and disposed of at an authorized sanitary waste facility.

Any and all chemicals used during the drilling and completion of the well will be kept to a minimum and stored within the boundaries of the well pad. The third party chemical contractor will be responsible for containment and clean-up and removal of all spilled chemicals on location.

8. Ancillary Facilities: **No ancillary facilities will be required during the drilling or completion of the well.**

9. Well Site Layout -depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1"=50'. **See Exhibit "E"**.

During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by the Price BLM Office prior to use.

The operator will provide a trash cage for the collection and containment of all trash. The trash will be disposed in an authorized landfill. The location and access roads shall be kept litter free.

The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending on rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.

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.

Dust will be controlled during all phases of project implementation through the use of water or approved dust suppressants.

All cut and fill slopes will be such that stability can be maintained for the life of the activity.

Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.

The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.

Materials obtained from the construction of location, like topsoil and vegetation will be stock piled as indicated and permitted by the approved APD.

The topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination

Pits will remain fenced until site cleanup.

10. Plans for Restoration of the Surface: (Interim Reclamation and Final Reclamation)

Prior to disturbance, the topsoil will be separately removed and segregated from other materials. The topsoil depth will be decided by the BLM during the onsite. Topsoil will be segregated from subsoil without mixing them, based upon site specific conditions.
Typically as specified by the approved APD.

Topsoil along the access road will be reserved in place adjacent to the road as indicted

Within 30-45 days after completion of well, all equipment that is not necessary for production shall be removed.

The reserve pit and that portion of the location not needed for production will be reclaimed in a given time period as specified by the BLM in the approved APD.

Before any dirt work to restore the location takes place, the reserve pit must be dry and ready for burial. If necessary, any approvals needed to commence the burial operation will be obtained.

All road surfacing will be removed prior to the rehabilitation of roads, if necessary.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

The operator will control non-native, invasive species (noxious weeds) in accordance with the Federal Noxious Weed Act. Control of non-native, invasive species will be completed on all disturbed sites associated with the development and final reclamation of well pads and pipelines. The use of herbicides will be approved through a pesticide use proposal (PUP) submitted to the BLM prior to the herbicide application.

Prior to reseeding, all disturbed areas, including the access road will be scarified and left with a rough surface. All seed utilized will be tested prior to application to ensure BLM specifications for PLS, purity, noxious weeds, etc. have been met.

Seed will be broadcast or drilled between during a time specified by the BLM and or state. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure uniform seed coverage.

The following seed mixture will be used: **As specified in the conditions of approval.**

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.

If necessary, an abandonment marker will be one of the following, as specified by BLM:

- 1) at least four feet above ground level,
- 2) at restored ground level, or
- 3) below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

Additional requirements: **None**

11. Surface and Mineral Ownership: **Both the surface and the minerals are property of the United States Federal Government and are managed by the Bureau of Land Management.**

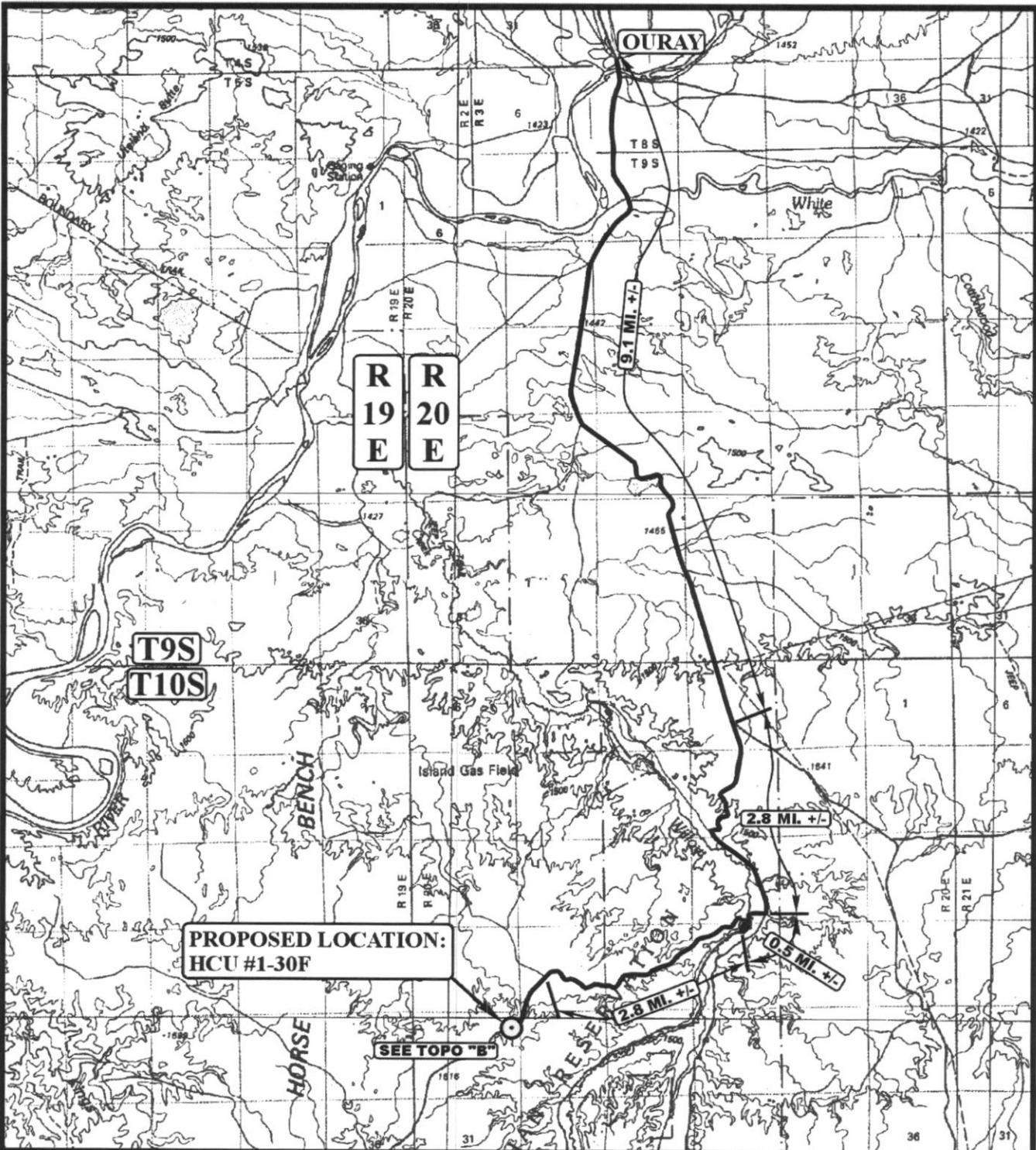
12. Other Information:

a. Archeological Concerns: **A BLM approved contractor will submit the appropriate reports to the agency as required. Special stipulations will be included in the COA's of the approved APD.**

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the appropriate BLM Field Office for further instructions.

b. Threatened and Endangered Species Concerns: **A BLM approved contractor will submit the appropriate reports to the agency as required. Special stipulation will be included in the COA's of the approved APD.**

- c. **Wildlife Seasonal Restrictions: Current wildlife restrictions and closure dates, if applicable, will be specified in the approved APD.**
- d. **On-site took place on October 8, 2009 with Karl Wright-BLM, Dan Emmett-BLM, Brandon Bowthorpe-Uintah Engineering, Randy Jackson-Jackson Brother's Construction, Ken Secrest-XTO, Bobby Jackson-XTO, Eden Fine-XTO, and Kyla Vaughan-XTO.**



**PROPOSED LOCATION:
HCU #1-30F**

SEE TOPO "B"

LEGEND:

⊙ PROPOSED LOCATION



XTO ENERGY, INC.

**HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
592' FNL 570' FEL**



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

**TOPOGRAPHIC
MAP**

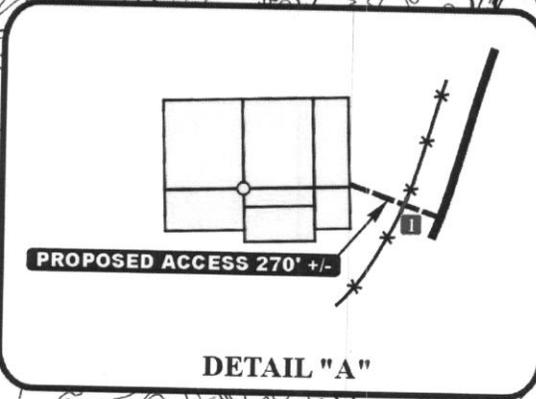
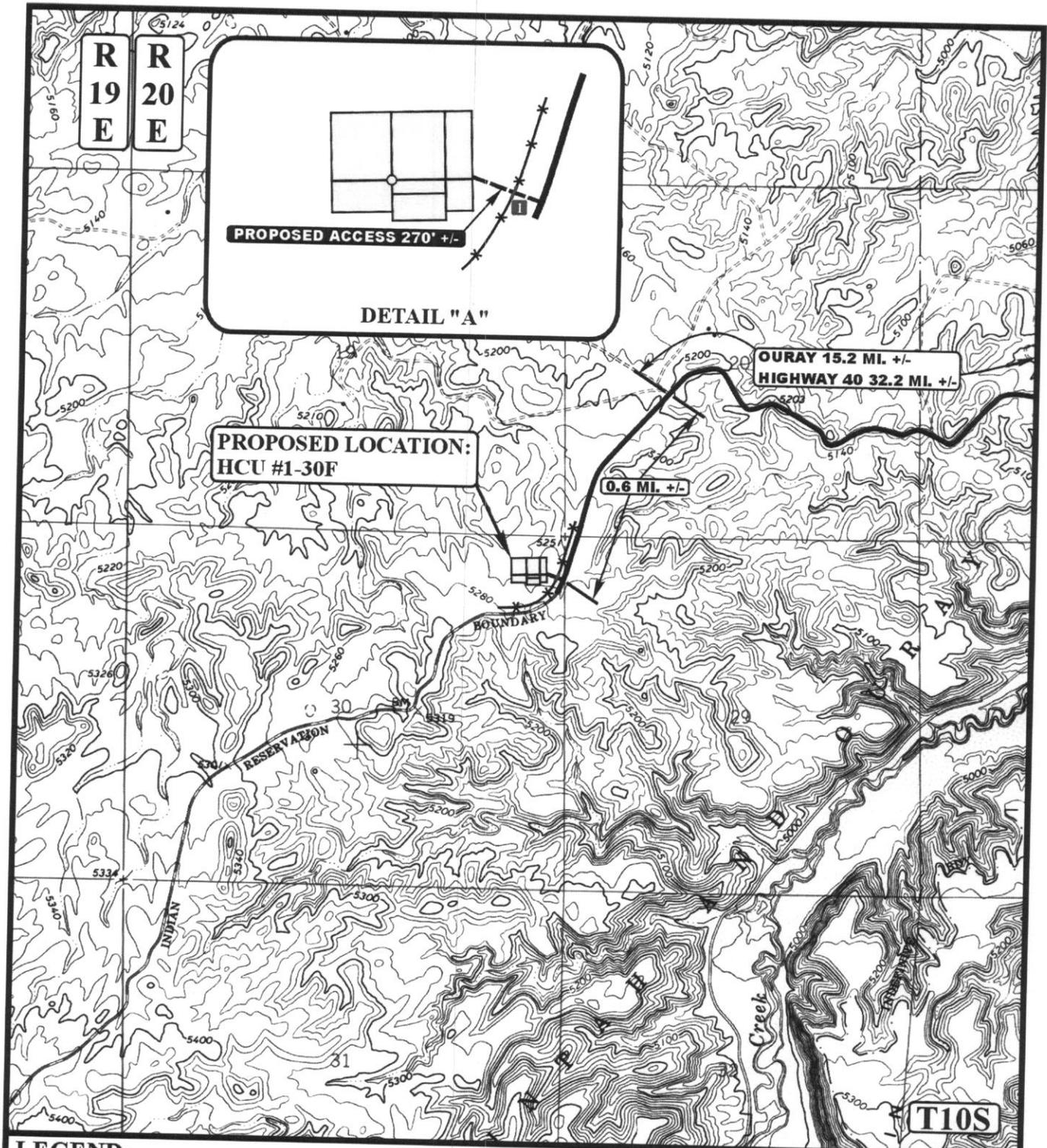
04 26 03
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REV: 10-27-09 Z.L.



EXHIBIT A

RECEIVED January 05, 2010



**PROPOSED LOCATION:
 HCU #1-30F**

**OURAY 15.2 MI. +/-
 HIGHWAY 40 32.2 MI. +/-**

0.6 MI. +/-

LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- * * * * * EXISTING FENCE
- INSTALL CATTLE GUARD



XTO ENERGY, INC.

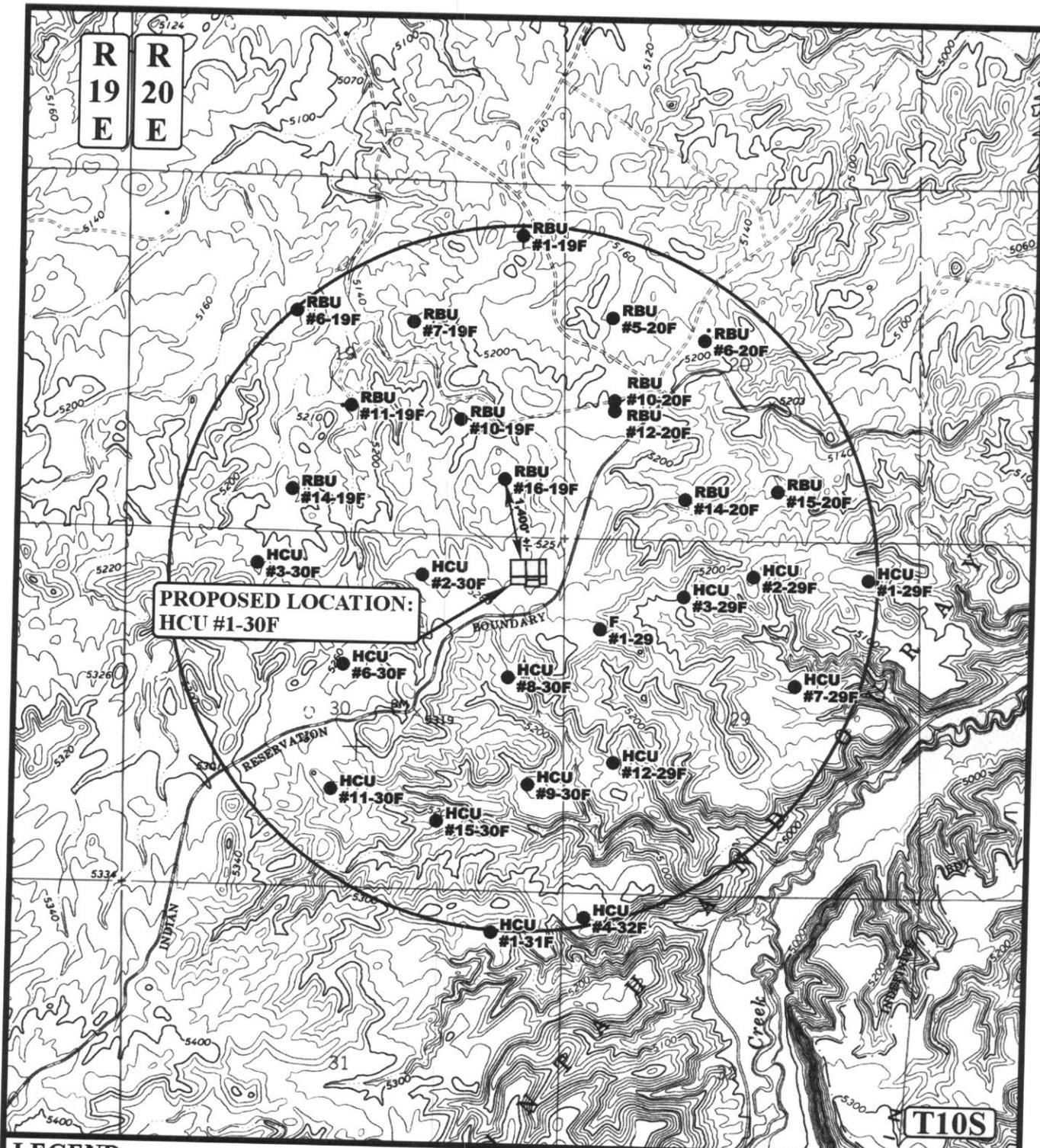
**HCU #1-30F
 SECTION 30, T10S, R20E, S.L.B.&M.
 592' FNL 570' FEL**

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

TOPOGRAPHIC MAP
 04 26 03
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REV: 10-27-09 Z.L.

B
 TOPO

EXHIBIT B



LEGEND:

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



XTO ENERGY, INC.

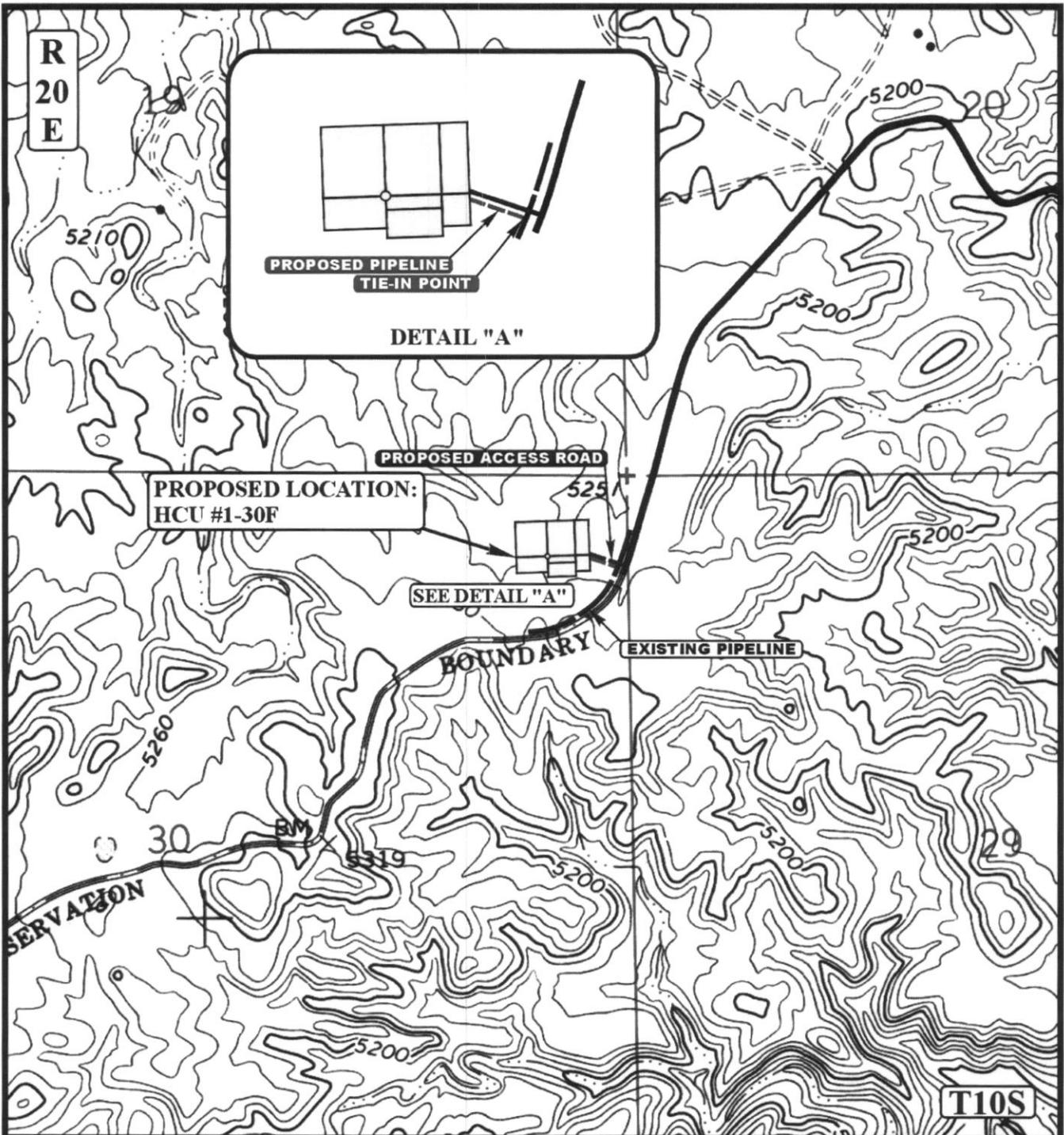
HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
592' FNL 570' FEL

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

TOPOGRAPHIC	04	26	03	C TOPO
MAP	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: P.M.		REV: 10-27-09 Z.L.	

EXHIBIT C

RECEIVED January 05, 2010



APPROXIMATE TOTAL PIPELINE DISTANCE = 245' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



XTO ENERGY, INC.

HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
592' FNL 570' FEL

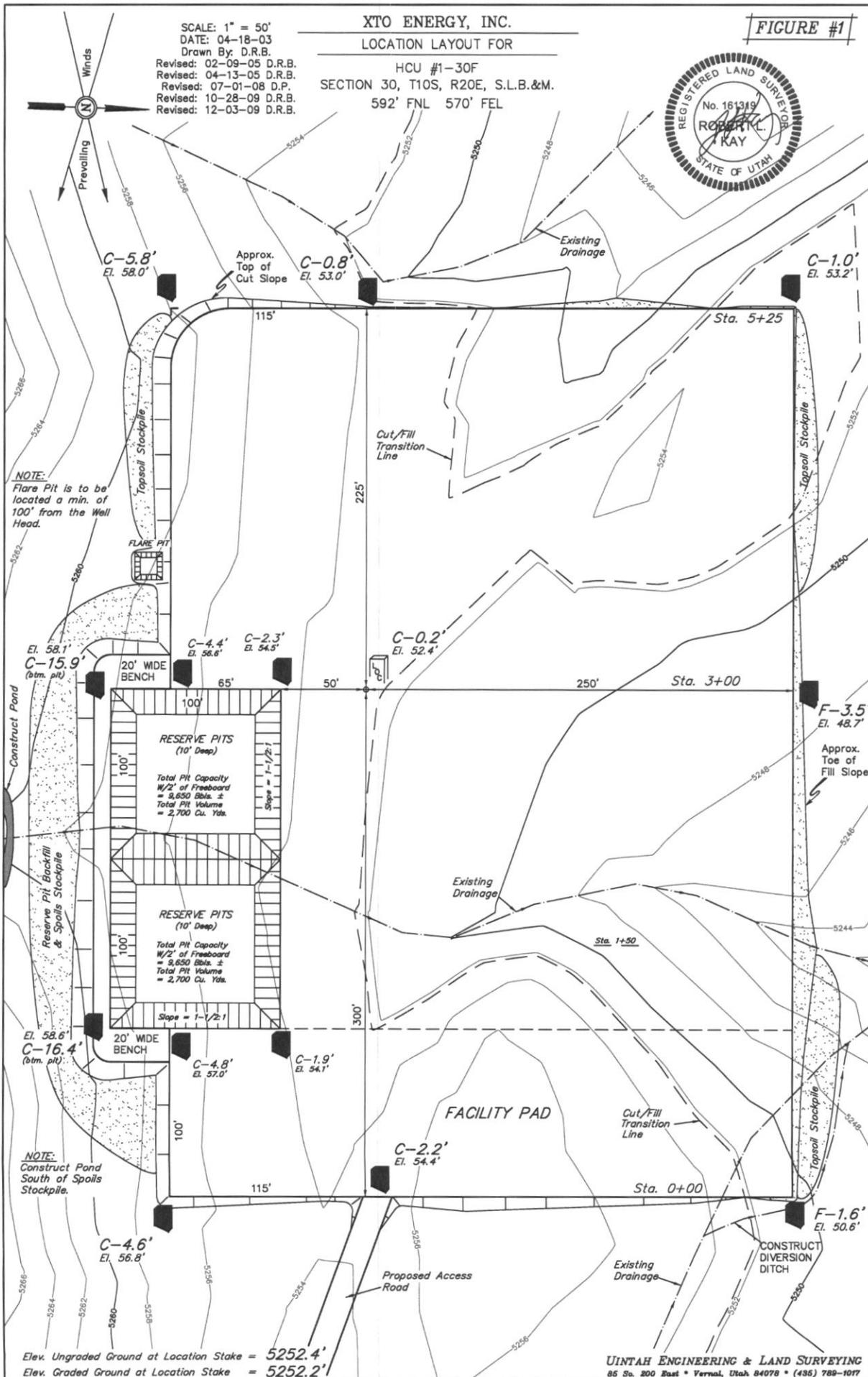


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 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 04 26 03
MAP MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: P.M. REV: 10-27-09 Z.L.



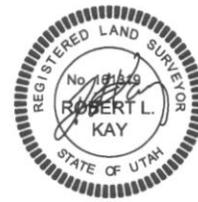
EXHIBIT D



XTO ENERGY, INC.

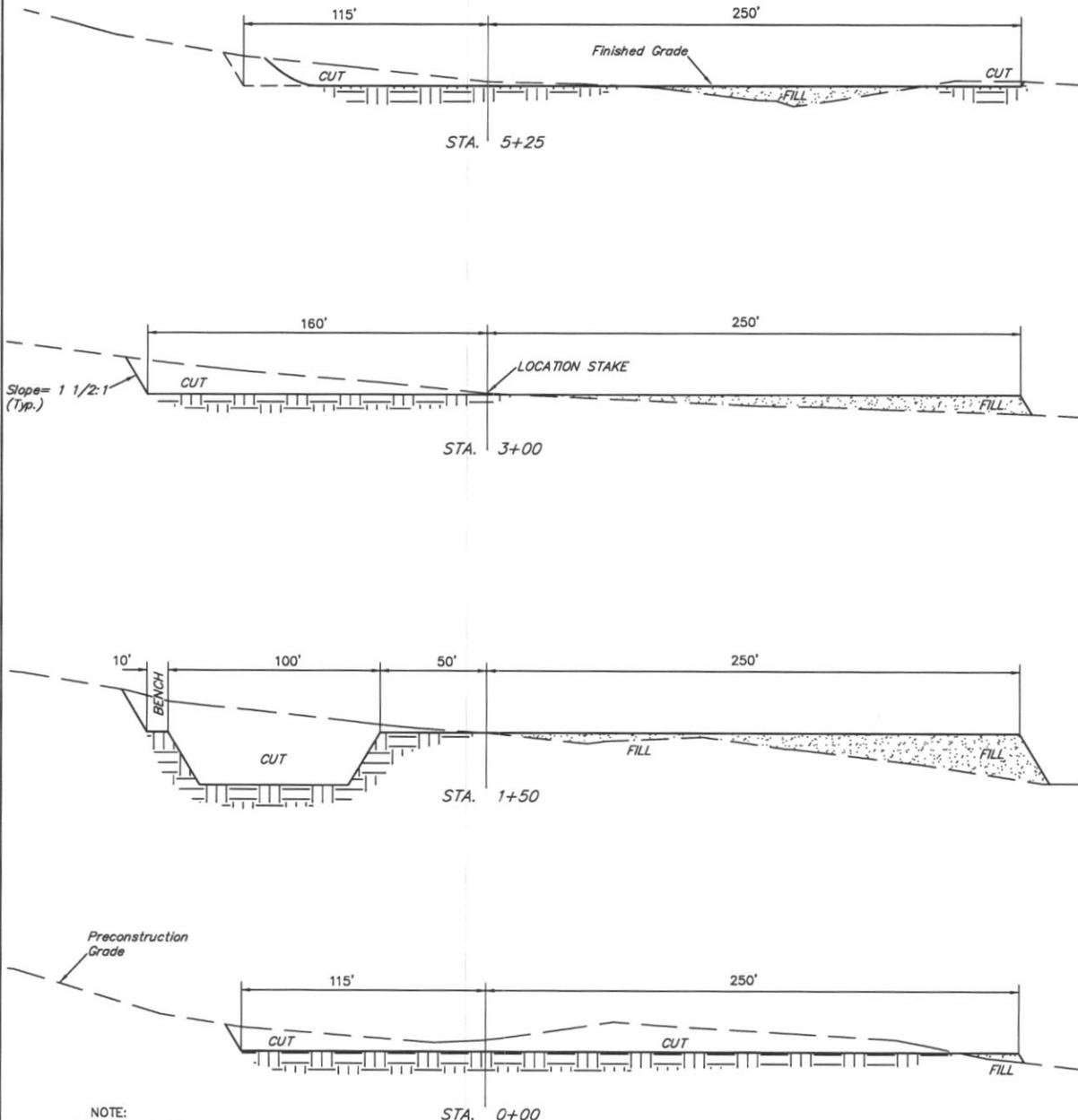
TYPICAL CROSS SECTIONS FOR
 HCU #1-30F
 SECTION 30, T10S, R20E, S.L.B.&M.
 592' FNL 570' FEL

FIGURE #2



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

DATE: 04-18-03
 Drawn By: D.R.B.
 Revised: 02-09-05 D.R.B.
 Revised: 04-13-05 D.R.B.
 Revised: 07-01-08 D.P.
 Revised: 10-28-09 D.R.B.
 Revised: 12-02-09 D.R.B.



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

APPROXIMATE ACREAGES

ACCESS ROAD DISTURBANCE	= ±0.186 ACRES
WELL SITE DISTURBANCE	= ±5.284 ACRES
TOTAL	= ±5.470 ACRES

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 4,020 Cu. Yds.
Remaining Location	= 15,450 Cu. Yds.
TOTAL CUT	= 19,470 CU. YDS.
FILL	= 8,810 CU. YDS.

EXCESS MATERIAL	= 10,660 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,720 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 3,940 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East • Vernal, Utah 84078 • (435) 788-1017

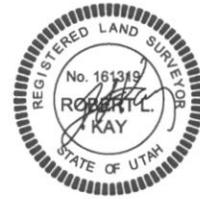
XTO ENERGY, INC.

TYPICAL RIG LAYOUT FOR

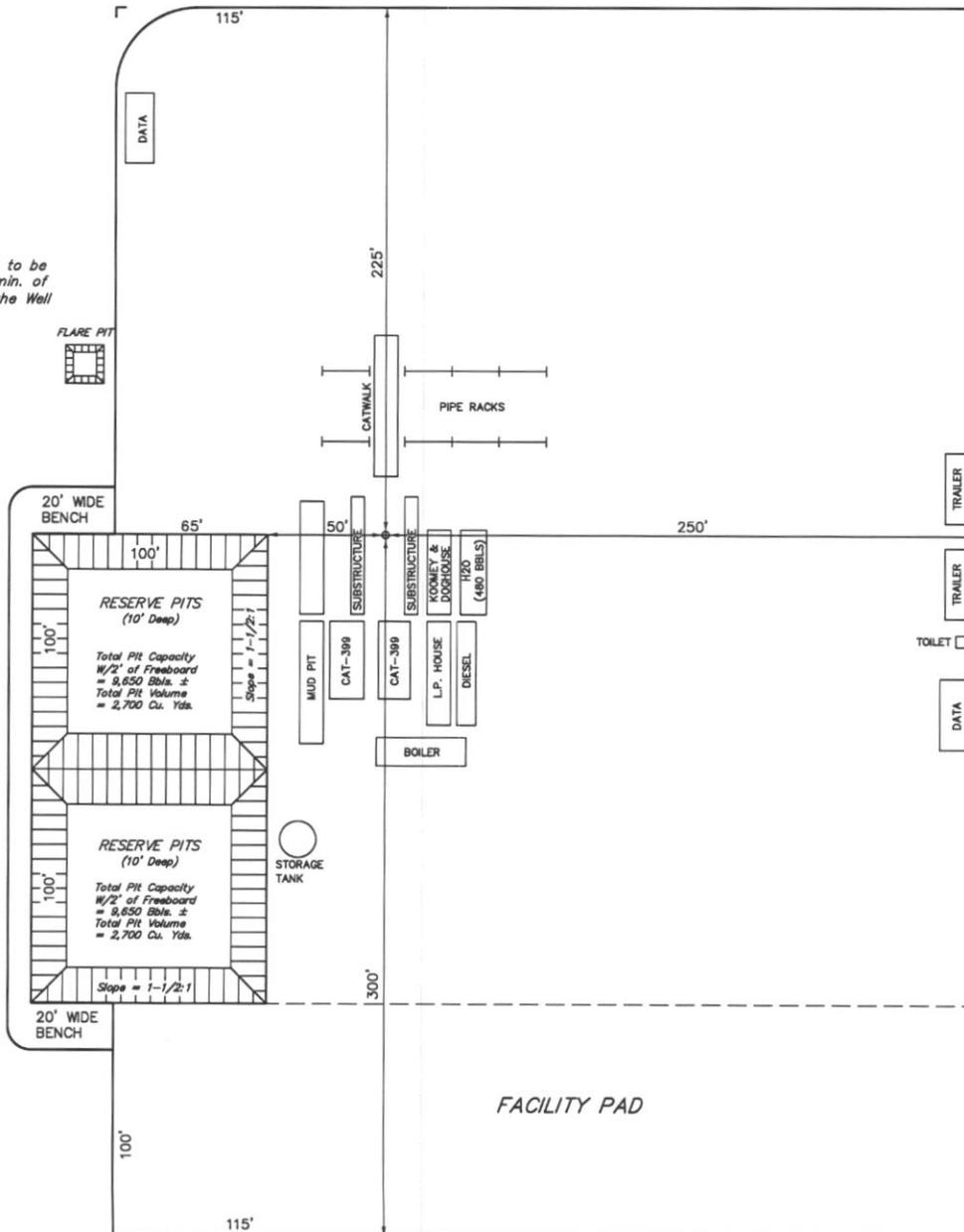
HCU #1-30F
SECTION 30, T10S, R20E, S.L.B.&M.
592' FNL 570' FEL

FIGURE #3

SCALE: 1" = 50'
DATE: 10-29-09
Drawn By: D.R.B.
Rev: 12-03-09 D.R.B.



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



Proposed Access Road

Operator Certification:

a. Permitting and Compliance:

Eden Fine
Permitting Clerk.
XTO Energy Inc.
382 CR 3100
Aztec NM 87410
505-333-3100

b. Drilling and Completions:

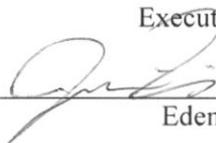
Brent Martin
XTO Energy Inc.
382 CR 3100
Aztec, NM 87410
505-333-3100

c. 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 exist; 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 XTO Energy Inc., are responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 22nd day of December, 2009.

Signature: _____



Eden Fine

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Oct. 14 2008
JAN 13 2010

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

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-29784
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input 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. Hill Creek Unit
3a. Address 382 CR 3100 Aztec, NM 87410		8. Lease Name and Well No. HCU 1-30F
3b. Phone No. (include area code) 505.333.3100		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 592' FNL x 570' FEL At proposed prod. zone 1235' FNL x 1188' FEL		10. Field and Pool, or Exploratory Mancos Shale
14. Distance in miles and direction from nearest town or post office* Approx. 47 miles from vernal, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 30 T10S R20E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 570'	16. No. of acres in lease 640	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. 1530'	19. Proposed Depth 12648	20. BLM/BIA Bond No. on file UTB-000138
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start* 01/25/2010	23. Estimated duration 45 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	Name (Printed/Typed) Eden Fine	Date 01/11/2010
---------------	-----------------------------------	--------------------

Approved by	Name (Printed/Typed) James H. Sparger	Date FEB 18 2010
Title ACTING 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.

CONDITIONS OF APPROVAL 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.

(Continued on page 2)

*(Instructions on page 2)

100000

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NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	XTO Energy, Inc.	Location:	NENE, Sec. 30, T10S, R20E
Well No:	HCU 1-30F	Lease No:	UTU-29784
API No:	43-047-40396	Agreement:	Hill Creek Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (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 Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- 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 determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Surface Conditions of Approval for monitoring are listed in the Surface Use Plan of the APDs or as part of the XTO's Reclamation plan approved in January of 2010.
- Prior to any surface disturbance, vegetative monitoring locations and reference sites will be identified by XTO and approved by the BLM Authorized Officer.

Reclamation seed mix

Siberian wheatgrass	<i>Agropyron sibiricum</i>	3 lbs. /acre
bottlebrush squirrel tail grass	<i>Sitanion hystrix</i>	3 lbs. /acre
shadscale	<i>Atriplex confertifolia</i>	3 lbs. /acre
forage kochia	<i>Kochia prostrata</i>	2 lbs. /acre
scarlet globemallow	<i>Spaeralcea coccinea</i>	1 lbs. /acre

- A Cattle guard will be placed on the access road where it crosses the BLM - Ute Tribe boundary line. The cattle guard will be installed and maintained according to BLM standards.

Special Status Fish Species:

- 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 Service approved location is best.

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- If the pump head is located in the river channel the following stipulations apply:
 - Do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes.
 - Limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (see above).
 - Limit the amount of pumping, to the greatest extent possible, during the midnight hours (10pm to 2 am), as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.

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- Screen all pump intakes with 3/32" mesh material.
- Approach velocities for intake structures shall follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity shall not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen or entrained into irrigation canals to the Service (801.975.3330) or the Utah Division of Wildlife Resources:

Northeastern Region
152 East 100 North
Vernal, UT 84078
Phone: (435) 781-9453

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**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

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SITE SPECIFIC DOWNHOLE COAs:

- A 10M annular shall be used for all drilling operations below the intermediate casing shoe.
- A formation integrity test shall be performed at the surface casing shoe and the intermediate casing shoe.

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.

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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 ($\frac{1}{4}$ $\frac{1}{4}$, 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.

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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.

RECEIVED
FEB 24 2010
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: HILL CREEK
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HCU 1-30F
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047403960000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0592 FNL 0570 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 10.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES 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: 4/1/2010	<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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input 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.

Produced water will either be halled to RBU 4-22F or RBU 16-19F SWD. The majority of the time the water will be disposed of at the RBU 4-22F but if the SWD fails it will go to the RBU 16-19F.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 08, 2010

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A	DATE 3/5/2010	

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-29784
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<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: Drilling Plan Change

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

With respect to the wellbore to be drilled for the 13' 3/8" conductor pipe of +/- 500' as previously mentioned. XTO will drill this section with an air drilling medium. XTO respectfully requests a variance to the BLM Onshore order NO 2, Sec E - Special Drill Operations with a 20" diverter system used in lieu of a rotating head. This will be nipped up on top of the 20" structural pipe to be set at +/- 40'. The diverter System will provide a means of well control consistent with the 20" structural casing.

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

Date: March 11, 2010
 By: *Dart K. Quist*

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A	DATE 3/5/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/22/2010			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

XTO Energy Spudded this well on March 22nd 2010, at 4pm.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 05, 2010

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A	DATE 4/5/2010	

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

FORM 6

ENTITY ACTION FORM

Operator: XTO ENERGY INC. Operator Account Number: N 2615
 Address: 382 CR 3100
city AZTEC
state NM zip 87410 Phone Number: (505) 333-3100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740396	HCU 1-30F		NENE	30	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17598	3/22/2010			4/28/10	
Comments: MNCS BHL = Sec 31 NENE							CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A							
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Eden Fine

Name (Please Print)

Signature

Permitting Clerk

Title

4/28/2010

Date

RECEIVED

APR 28 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784
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<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/1/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<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.

Attached is a well summary report for the referenced well for the period 3/14/2010 thru 5/31/2010.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 21, 2010

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A	DATE 6/17/2010	



Well Summary

Well Name: Hill Creek Unit 01-30F State: Utah County: Uintah
 Daily Cost Total: Cum Cost To Date:

Start Date	End Date	Total AFE Amount
3/15/2010		

Objective
 Drill & Complete a Natural Buttes gas well

Job Category DRILLING	Primary Job Type / Initial Job Type Drilling Original & Initial Completion
--------------------------	---

Daily Operations

Start Date	Summary # 1
3/15/2010	MI&RU Pete Martin Drilling and set 40' of 20" Conductor - Cmt.with 2 Yrds. Ready Mix - Notified Randy Bywater with BLM
3/23/2010	MI&RU ProPetro & Drill 585' KB 17 1/2" Hole & set 546' KB of 13 3/8" 48# H-40 - Cmt.with ProPetro Pumped 500 sk Prem.15.8# Yld 1.15 Top Out with 100 sk 15.8# Yld 1.15 - Stayed full
3/24/2010	Drill with ProPetro 12 1/4" hole F/585' T/3265' - Ran 71 Jts. 9 5/8" 36# J-55 ST&C Set @ 3233' KB - Cmt. with ProPetro Lead 320 sk Prem. 11.0 # Yld. 3.82 217 bbl Tail 200 sk 15.8# Yld.1.15 41 bbl. Dropped plug & Disp. with 242 bbl. water plug bumped floats held - no Cmt. to Surf. Top out with 250 sk Prem. 15.8# Yld. 1.15 50 bbl Hole stayed full witnessed by Randy Bywater BLM
3/31/2010	Set matting boards Btm. of Sub
4/1/2010	Sub Set, Drwk. on floor - Move in Eq.
4/2/2010	Rig 90% on Loc. 50% Rigged Up
4/3/2010	Rig 100% on Loc. & 70% Rigged Up
4/4/2010	Rig 100% on Loc. & 90% Rigged Uo
4/5/2010	Derrick is up - Rigging up mud lines & gas buster
4/6/2010	Rig up top drive - work on mud pumps & service rig motors
4/7/2010	Rigging up top Drive & Wind Walls - Rebuild Pump Suction - Held prespud meeting lead by Bobby Jackson XTO Drilling Superintendent,attended by Scott Seely Drilling Consultant,Randy Bywater Vernal BLM,Tom Stokes Operations Manager Anchor Drilling Fluids,Ed Phelps Unit Drilling Superintendent & all Unit Drilling 109 hands.Discussed the importance of safety and environmental policy's & HCU 1-30F drilling program
4/8/2010	Rigging up - work rig motors & mud tanks
4/9/2010	Rigging up - working on mud tanks, shakers & Dwrk.
4/10/2010	Rigging up - Finish repairs to Dwrk. Test top Drive - Circ. Mud System with water
4/11/2010	Rig up rig floor & nipple up BOPs
4/12/2010	Press test BOPs & Choke to 10,000 psi Annular To 5,000 psi 9 5/8" Csg. to 1,500 psi (witnessed by Randy Bywater BLM) - Hook up flow line & trip tank - Hang blocks & slip off Drlg line - Pick up BHA
4/13/2010	Picked up BHA & DP Tagged Cmt.@ 3134' - Repacked Swivel - Drill Cmt. F/3134' T/3188' - Float @ 3220'
4/14/2010	Drilled out 9 5/8" Csg. - FIT T/12.2 ppg = 650 psi F/30 min. No Loss Notified Randy Bywater BLM - Drilled F/3265' T/3680'
4/15/2010	Drill F/3680' T/4659' - Rig Repair Top Drive
4/16/2010	Drill F/4659' T/5864'
4/17/2010	Drill F/5864' T/6655'
4/18/2010	Drill F/6655' T/7145'
4/19/2010	Drill F/7145' T/7193' - Trip To Change Bit & BHA - Drill F/7193' T/7464'
4/20/2010	Drill F/7464' T/7970'
4/21/2010	Drill F/7970' T/8510'
4/22/2010	Drill F/8510' T/8882'
4/23/2010	Drill F/8882' T/9139' - Drop Survey & Trip for Bit #3



Well Summary

Daily Operations

Start Date	Summary # 1
4/24/2010	Trip In With Bit #3 - Drill F/9139' T/9509'
4/25/2010	Drill F/9509' T/9642' - Trip for Bit #4
4/26/2010	Drill F/9642' T/9955'
4/27/2010	Drill F/9955' T/10167' - Pump Pill & Trip For Bit #5
4/28/2010	Trip For Bit #5 - Drill F/10167' T/10410'
4/29/2010	Drill F/10410'T/10476' - Trip For Bit #6
4/30/2010	Trip in with Bit #6 - Drill F/10476' T/10784'
5/1/2010	Drill F/10784' T/11125'
5/2/2010	Drill F/11125' T/11375' & Trip Out For Bit & MWD Tools
5/3/2010	Trip For Bit #7 & Weatherford Directional Tools - Trip In Survey Every 6 Stds. With MWD - Drill F/11,375' T/11,606'
5/4/2010	Drill F/11606' T/12003' - Trip Out For MWD
5/5/2010	Trip For MWD - Drill F/12003' T/12173' - Slide F/12147' T/12173' To Build Angle
5/6/2010	Drilling Slide & Rot. F/12173' T/12350' To Build Angle
5/7/2010	Drilling Slide F/12350' T/12369' - Trip To Inc. Motor Angle F/2.12 to 2.38 Deg.
5/8/2010	Slide Drill F/12369' T/12469'
5/9/2010	Slide Drill F/12469' T/12498' - Trip To Change BHA & Motor Angle
5/10/2010	Slide Drill F/12498' T/12595'
5/11/2010	Trip For 2.90 Deg.Motor & Slide Drill F/12595' T/12629' - Verbal Permission From Randy Bywater Vernal BLM To Extend BOP Test Till After 7" Csg.
5/12/2010	Slide Drill F/12629' t/12667' - Rig Repair On SCR
5/13/2010	Slide Drill F/12667' T/12750' - Circ.& Cond. - Short Trip 20 Stds.
5/14/2010	Short Trip - Circ.& Cond. - Trip Out To Log - R/U Schlumberger & Ran Platform Express Tools Failed - Wait On Tools From Vernal Ut.
5/15/2010	Log With Schlumberger P-Express Loggers DT 12760' - Trip In T/Btm. - Circ.& Cond. - Lay Down 5" D.P.
5/16/2010	Lay Down D.P. - Pull Wear Ring - R/U Weatherford TRS - Run 7" Csg. 8800' In @ Report Time
5/17/2010	Ran 7" 32# Q-125 SJSF Set @ 12732' - Cmt.W/Halliburton - Change Pipe Rams
5/18/2010	Modify Wood Group Seal Assembly to Pack Off On 7" Csg. Hanger - Press Test BOP
5/19/2010	Press Test BOP & Choke T/10,000 psi Annular T/5,000 psi 7" Csg. T/2,000 psi - Witenssed By Randy Bywater BLM - Put Repair Kit In Btm. Pipe Rams & Retest T/10,000 psi - P/U Bit #10 & BHA
5/20/2010	P/U BHA - 3 1/2" & 4 1/2 D.P. - Stand Back 5,000' 4 1/2" D.P. In Derrick - P/U 4 1/2" D.P. - Tag Cmt.12,650' - Break Circ. To Drill Out
5/21/2010	Drill Out Float Eq.& Cmt. To T.D. 12750' - FIT Test 3850 psi F/30 min = 17.2 ppg - Clean Mud Tanks & Seal Gates For Invert Mud - Fill Tanks & Disp. With Invert - Trip Out F/MWD
5/22/2010	Trip For MWD - Slide Drill F/12750' T/12785'
5/23/2010	Slide Drill F/12785' T/12904'
5/24/2010	Trip In With 1.83 Deg. Motor & Drill F/12904' T/13145' - Slide & Rot. To Build Angle
5/25/2010	Drilling Slide & Rot. F/13145' T/13475' - Circ.& Pump Pill - Trip Out For Bit
5/26/2010	Trip For Bit - Change Mud Motor & MWD - Wash & Ream Tight Spots F/13350' T/TD @ 13475' - Had 15 Employees From Vernal BLM Visit Rig
5/27/2010	Wash & Ream13354' - Packed Off & Stuck @ Bit - Work Stuck Pipe - Back Off @ 12665' Inside Csg.- Trip For Jar & Bumper Sub - Slip & Cut Drg. Line
5/28/2010	Cut Drilling Line & Insp.Derrick - Trip In To Top Of Fish - Circ. Btms.Up - Jar Fish Free - Work 7 Stds.Tight Pipe Out Of Hole - Bit Is Plugged - R/U DCT Wire Line To Perf. D.P.
5/29/2010	Perf.D.P. - Circ.& Cond. - Trip Out With Fish - Clean Out BHA - Trip In With Bit #13



Well Summary

Daily Operations

Start Date	Summary # 1
5/30/2010	Wash & Ream F/12732' T 13300' - Bridging and Packing Off @ Bit - Fine Sand Coming Back Over Shaker - Have Been Working Tight Spot F/13250' T/13300' For 16 Hrs.
5/31/2010	Wash & Ream F/13250' T 13350' - Bridging and Packing Off @ Bit - Fine Sand & Silt Coming Back Over Shaker
6/1/2010	Trip To Lay Down MWD Tools - Wash & Ream F/12732' T/13330' With Bit & HWDP - Pumping Sweeps & Mix Anco-Phalt - Inc. Mud Wt. To 13.7 ppg - Hole Is Stabilizing & Not Packing Off
6/2/2010	Wash & Ream T/13475' TD - Short Trip 2 Times To Csg.Shoe @ 12732' - Wash & Ream Tight Spots - Hole Stable @ Report Time - Pumping Pill To Trip Out For MWD Tools
6/3/2010	Trip For MWD Tools - Drill F/13475' T/13532' - Standpipe PSI 4200 @ 211 GPM Unable To Take Surveys Due To Low GPM
6/4/2010	Drill F/13532' T/13567' - Trip To lay Down 3400' Of 3 1/2" D.P. & Change G-Ray - Trip In To 13380' - Wash & Ream T/TD @ 13567'
6/5/2010	Drill F/13567' T/13878'
6/6/2010	Drill F/13878' T/14095'
6/7/2010	Drill F/14095' T/14285'
6/8/2010	Drill F/14285' T/14300' - Trip To Change Mud Motor & Bit - Lay Down 135 Jts. 3 1/2" DP & P/U 4"DP - Tripping In
6/9/2010	Finish Tip In - Drill F/14300' T/14671'
6/10/2010	Drill F/14671' T/15228'
6/11/2010	Drill F/15228' T/15700'
6/12/2010	Drill F/15700' T/16286'
6/13/2010	Drill F/16286' T/16744'
6/14/2010	Drill F/16744' T/17173'
6/15/2010	Drill F/17173' T/17553'
6/16/2010	Drill F/17553' T/17617' - Trip Out For MWD & Motor - Test BOPs - Notified Randy Bywater BLM

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784
---	--

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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: HILL CREEK
--	--

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HCU 1-30F
------------------------------------	--

2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047403960000
---	---

3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0592 FNL 0570 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 10.0S 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/27/2010	<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 checked="" 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 type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="TIGHT HOLE WELL"/>

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

XTO Energy Inc. has first delivered this well to Questar Gas Management @
 1345 hours on Wednesday, 10/27/2010. IFR 1,500 MCFPD.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 01, 2010

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 10/29/2010	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff Resvr.,
 Other _____

2. Name of Operator

XTO Energy Inc.

3. Address

382 CR 3100 Aztec, NM 87410

3a. Phone No. (include area code)

505-333-3100

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **592' ENL & 570' FEL**

At top prod. interval reported below **1,611' ENL & 678' FEL SEC 30-T10S-R20E**

At total depth **1558' ENL & 1297' FWL SEC 31-T10S-R20E**

CONFIDENTIAL

*BHL Reviewed
by HSM*

5. Lease Serial No:

UTU-29784&

6. If Indian, Allottee or Tribe Name

N/A

7. Unit or CA Agreement Name and No.

HILL CREEK UNIT

8. Lease Name and Well No.

HCU 1-30F

9. API Well No.

43-047-40396

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey or Area

NENE SEC 30-T10S-R20E

12. County or Parish

UTINTAH

13. State

UTAH

17. Elevations (DF, RKB, RT, GL)*

5,254' GL

14. Date Spudded

3/22/2010

15. Date T.D. Reached

6/21/2010

16. Date Completed

10/27/2010

D & A Ready to Prod.

18. Total Depth: MD

18,500'

TVD

12,639'

19. Plug Back T.D.: MD

18,390'

TVD

12,641'

20. Depth Bridge Plug Set: MD

MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

USI/CCL/GR; HRLA; TLD-HGNS; TLD-HRLA-HGNS-GR; DIR. SURVEY

22. Was well cored?

No

Yes (Submit analysis)

Was DST run

No

Yes (Submit report)

Directional Survey?

No

Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5"	13.6"H40	48#	0	546'		600/PREM		SURF	
12.125"	9.6"J55	36#	0	3,233'		770/PREM		SURF	
8.75"	7" Q-125	32#	0	12,732'		1,955/ECONO		372'	
6" LINER	4.5"P110	15.1#	12,020'	18,488'		485/PREM			

**RECEIVED
NOV 22 2010**

24. Tubing Record

DIV. OF OIL, GAS & MINING

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MANCOS	13,228'	18,390'	13,228' - 18,390'	0.36"	960	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
13,228' - 18,390'	Well was fracture treated in 16 Stages with 32,000 gals of 15% HCL, 303,100# 100 mesh sand, 1,815,740# 40/70 mesh sand, & 171,800 bbls of slick water.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/27/10	11/5/10	24	→	65	2350	1086		0.681	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
14/64"		5585	→	65	2350	1086		PRODUCING	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	1,210'
				MAHOGENY BENCH	1,995'
				WASATCH TONGUE	4,065'
				UTELAND LIMESTONE	4,419'
				WASATCH	4,570'
				CHAPITA WELLS	5,384'
				UTELAND BUTTE	6,650'
				MESAVERDE	7,528'
				CASTLEGATE	10,367'
				ELACKHAWK	10,482'
				MANCOS	11,035'
				MANCOS B	11,324'
				TOTAL DEPTH	18,500'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) BARBARA A. NICOL

Title REGULATORY COMPLIANCE TECHNICIAN

Signature Barbara A. Nicol

Date 11/17/2010

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.



HCU #1-30F UINTAH CO., UTAH



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	11316.00	1.24	158.53	11308.00	-374.34	-40.02	0.00	0.00	376.43	
2	11357.33	0.00	0.00	11349.33	-374.76	-39.85	3.00	180.00	376.83	
3	12146.33	0.00	0.00	12138.33	-374.76	-39.85	0.00	0.00	376.83	
4	13302.55	92.50	185.22	12853.84	-1119.06	-107.87	8.00	-174.78	1124.24	
5	18141.17	92.50	185.22	12643.00	-5933.03	-547.79	0.00	0.00	5958.26	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#1-30F	0.00	0.00	584378.14	2504912.16	39°55'25.740N	109°41'58.330W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Pbhl	12643.00	-5933.06	-547.79	39°54'27.100N	109°42'05.360W	Point



Azimuths to True North
Magnetic North: 11.32°

Magnetic Field
Strength: 52435nT
Dip Angle: 65.80°
Date: 2/2/2010
Model: IGRF2010

TOTAL CORRECTION TO TRUE NORTH 11.32°

SITE DETAILS

HCU #1-30F
592' FNL 570' FEL of Sec 30, T10S, R20E
Site Centre Latitude: 39°55'25.740N
Longitude: 109°41'58.330W
Ground Level: 5252.00
Positional Uncertainty: 0.00
Convergence: 1.15

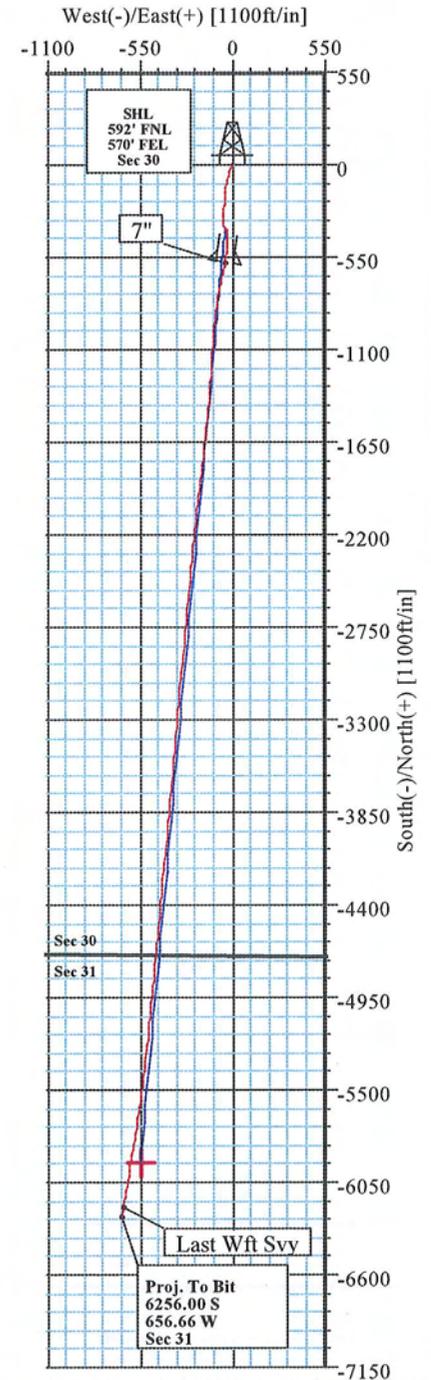
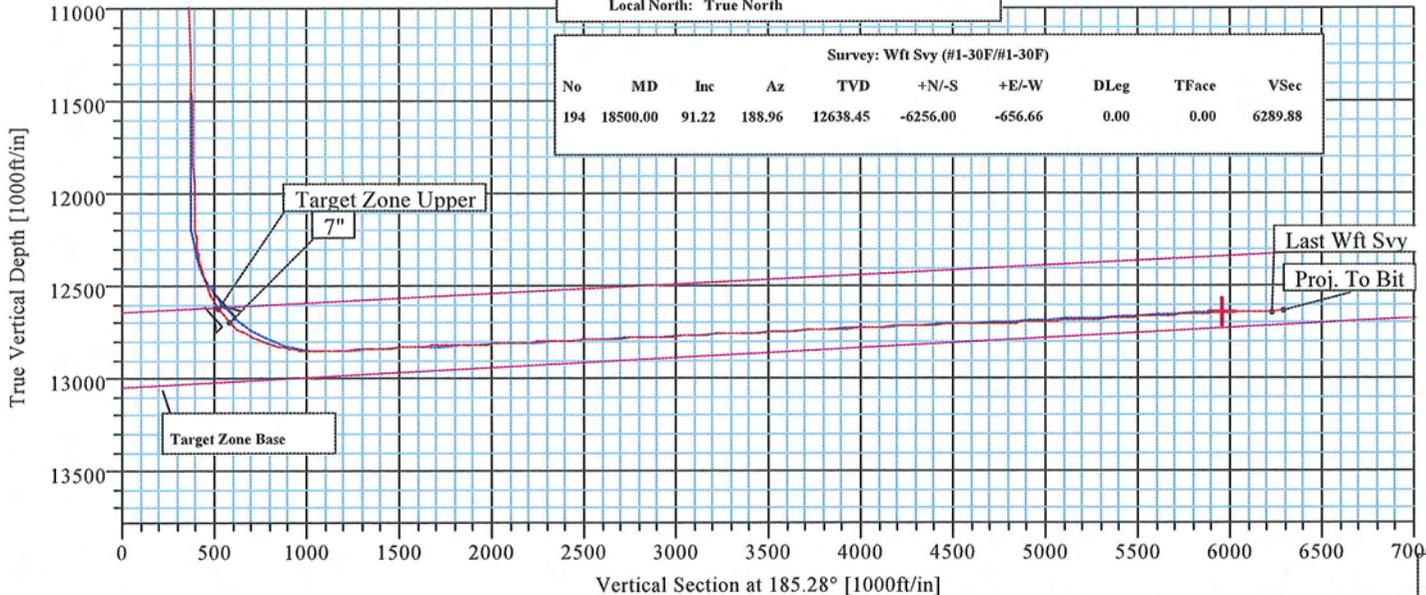
FIELD DETAILS

Uintah County, Utah
Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: Utah, Central Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: True North

LEGEND

- #1-30F, #1-30F, Plan #4
- Wft Svy

KB ELEV: 5277.50
GL ELEV: 5252'



Survey: Wft Svy (#1-30F/#1-30F)

Created By: Russell W. Joyner

Date: 6/22/2010



Weatherford International Ltd.

Survey Report - Geographic



Company: XTO	Date: 6/22/2010	Time: 13:14:17	Page: 1
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: #1-30F, True North		
Site: HCU #1-30F	Vertical (TVD) Reference: SITE 5277.5		
Well: #1-30F	Section (VS) Reference: Well (0.00N,0.00E,185.28Azi)		
Wellpath: #1-30F	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Uintah County, Utah	
Map System: US State Plane Coordinate System 1927	Map Zone: Utah, Central Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: HCU #1-30F			
592' FNL 570' FEL of Sec 30, T10S, R20E			
Site Position:	Northing: 584378.14 ft	Latitude: 39 55 25.740 N	
From: Geographic	Easting: 2504912.16 ft	Longitude: 109 41 58.330 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 5252.00 ft		Grid Convergence: 1.15 deg	

Well: #1-30F		Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing: 584378.14 ft	Latitude: 39 55 25.740 N
	+E/-W 0.00 ft	Easting: 2504912.16 ft	Longitude: 109 41 58.330 W
Position Uncertainty:	0.00 ft		

Wellpath: #1-30F		Drilled From: Upper Mancos	
Current Datum: SITE	Height 5277.50 ft	Tie-on Depth: 11316.00 ft	
Magnetic Data: 2/2/2010		Above System Datum: Mean Sea Level	
Field Strength: 52435 nT		Declination: 11.32 deg	
Vertical Section:		Mag Dip Angle: 65.80 deg	
Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0.00	0.00	0.00	185.28

Survey: Wft Svy	Start Date: 5/4/2010
Company: Weatherford International Ltd.	Engineer: Russell W Joyner
Tool: CDS MWD2;ISCSWA	Tied-to: From Surface

Survey: Wft Svy

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	←←← Latitude →→→		←←← Longitude →→→					
								Deg	Min	Sec	Deg	Min	Sec		
0.00	0.00	0.00	0.00	0.00	0.00	584378.14	2504912.16	39	55	25.740	N	109	41	58.330	W
3282.00	1.77	198.78	3281.48	-47.99	-16.32	584329.83	2504896.81	39	55	25.266	N	109	41	58.539	W
3853.00	2.32	192.41	3852.11	-67.63	-21.64	584310.09	2504891.89	39	55	25.072	N	109	41	58.608	W
4420.00	2.32	192.83	4418.65	-90.03	-26.66	584287.60	2504887.33	39	55	24.850	N	109	41	58.672	W
4991.00	2.55	188.16	4989.13	-113.87	-31.03	584263.67	2504883.44	39	55	24.615	N	109	41	58.728	W
5561.00	3.10	186.17	5558.44	-141.74	-34.48	584235.74	2504880.54	39	55	24.339	N	109	41	58.773	W
6132.00	3.14	185.32	6128.59	-172.66	-37.59	584204.76	2504878.06	39	55	24.033	N	109	41	58.813	W
6701.00	3.34	185.03	6696.68	-204.69	-40.49	584172.68	2504875.80	39	55	23.717	N	109	41	58.850	W
7271.00	3.37	185.82	7265.70	-237.90	-43.64	584139.41	2504873.32	39	55	23.389	N	109	41	58.890	W
7838.00	3.00	191.27	7831.83	-269.03	-48.23	584108.20	2504869.36	39	55	23.081	N	109	41	58.949	W
8405.00	1.90	182.35	8398.30	-292.97	-51.52	584084.19	2504866.55	39	55	22.844	N	109	41	58.991	W
8976.00	1.90	188.34	8968.99	-311.80	-53.28	584065.34	2504865.17	39	55	22.658	N	109	41	59.014	W
9547.00	1.99	193.45	9539.66	-330.81	-56.96	584046.26	2504861.87	39	55	22.470	N	109	41	59.061	W
10214.00	1.54	145.76	10206.38	-349.48	-54.61	584027.64	2504864.60	39	55	22.286	N	109	41	59.031	W
10784.00	1.49	151.20	10776.18	-362.30	-46.73	584014.97	2504872.74	39	55	22.159	N	109	41	58.930	W
11294.00	1.49	150.24	11286.01	-373.87	-40.24	584003.54	2504879.45	39	55	22.045	N	109	41	58.847	W
11316.00	1.24	158.53	11308.00	-374.34	-40.02	584003.07	2504879.69	39	55	22.040	N	109	41	58.844	W
11736.00	1.72	150.51	11727.86	-384.06	-35.25	583993.45	2504884.65	39	55	21.944	N	109	41	58.782	W
12089.00	1.86	158.44	12080.69	-394.00	-30.54	583983.61	2504889.56	39	55	21.846	N	109	41	58.722	W
12120.00	1.81	147.43	12111.67	-394.88	-30.09	583982.74	2504890.03	39	55	21.837	N	109	41	58.716	W
12152.00	2.07	160.55	12143.65	-395.85	-29.62	583981.78	2504890.51	39	55	21.828	N	109	41	58.710	W
12184.00	3.14	166.27	12175.62	-397.24	-29.22	583980.39	2504890.94	39	55	21.814	N	109	41	58.705	W
12216.00	4.18	170.30	12207.55	-399.24	-28.82	583978.40	2504891.39	39	55	21.794	N	109	41	58.700	W



Weatherford International Ltd.

Survey Report - Geographic



Company: XTO	Date: 6/22/2010	Time: 13:14:17	Page: 2
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: #1-30F, True North		
Site: HCU #1-30F	Vertical (TVD) Reference: SITE 5277.5		
Well: #1-30F	Section (VS) Reference: Well (0.00N,0.00E,185.28Azi)		
Wellpath: #1-30F	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Sv

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude		Longitude		
								Deg	Min Sec	Deg	Min Sec	
12248.00	5.10	170.42	12239.45	-401.80	-28.38	583975.86	2504891.87	39	55	21.769	N 109 41 58.694	W
12280.00	6.81	171.68	12271.28	-405.08	-27.87	583972.59	2504892.45	39	55	21.736	N 109 41 58.688	W
12311.00	8.05	177.34	12302.02	-409.06	-27.51	583968.61	2504892.90	39	55	21.697	N 109 41 58.683	W
12343.00	9.24	178.68	12333.65	-413.87	-27.34	583963.81	2504893.16	39	55	21.649	N 109 41 58.681	W
12375.00	11.55	179.04	12365.12	-419.64	-27.23	583958.04	2504893.39	39	55	21.592	N 109 41 58.680	W
12407.00	13.65	180.08	12396.35	-426.62	-27.18	583951.06	2504893.57	39	55	21.523	N 109 41 58.679	W
12438.00	15.89	180.94	12426.33	-434.53	-27.26	583943.16	2504893.66	39	55	21.445	N 109 41 58.680	W
12476.00	19.00	182.83	12462.57	-445.91	-27.65	583931.77	2504893.50	39	55	21.333	N 109 41 58.685	W
12508.00	21.50	185.14	12492.59	-456.95	-28.43	583920.71	2504892.94	39	55	21.224	N 109 41 58.695	W
12540.00	24.31	183.24	12522.07	-469.37	-29.33	583908.28	2504892.29	39	55	21.101	N 109 41 58.706	W
12572.00	27.07	182.50	12550.90	-483.23	-30.02	583894.41	2504891.88	39	55	20.964	N 109 41 58.715	W
12603.00	30.24	183.38	12578.10	-498.07	-30.79	583879.56	2504891.41	39	55	20.817	N 109 41 58.725	W
12635.00	32.41	184.68	12605.44	-514.66	-31.96	583862.94	2504890.57	39	55	20.653	N 109 41 58.740	W
12666.00	34.60	185.30	12631.28	-531.71	-33.45	583845.87	2504889.42	39	55	20.485	N 109 41 58.759	W
12691.00	36.30	185.87	12651.65	-546.14	-34.87	583831.41	2504888.30	39	55	20.342	N 109 41 58.778	W
12747.00	41.85	188.39	12695.11	-581.14	-39.29	583796.33	2504884.58	39	55	19.996	N 109 41 58.834	W
12778.00	51.02	190.67	12716.45	-603.26	-43.04	583774.14	2504881.28	39	55	19.778	N 109 41 58.882	W
12808.00	60.35	194.56	12733.35	-627.39	-48.49	583749.90	2504876.31	39	55	19.539	N 109 41 58.952	W
12839.00	61.22	195.90	12748.48	-653.50	-55.60	583723.66	2504869.73	39	55	19.281	N 109 41 59.044	W
12869.00	60.75	194.89	12763.03	-678.79	-62.56	583698.23	2504863.28	39	55	19.031	N 109 41 59.133	W
12900.00	61.69	191.13	12777.96	-705.26	-68.67	583671.65	2504857.70	39	55	18.769	N 109 41 59.211	W
12930.00	64.98	190.01	12791.42	-731.61	-73.59	583645.20	2504853.32	39	55	18.509	N 109 41 59.275	W
12961.00	68.79	189.85	12803.59	-759.69	-78.50	583617.03	2504848.97	39	55	18.231	N 109 41 59.338	W
12991.00	72.57	189.58	12813.51	-787.59	-83.28	583589.04	2504844.76	39	55	17.956	N 109 41 59.399	W
13022.00	74.40	188.07	12822.33	-816.96	-87.83	583559.59	2504840.79	39	55	17.665	N 109 41 59.457	W
13052.00	76.70	186.21	12829.81	-845.78	-91.44	583530.70	2504837.76	39	55	17.381	N 109 41 59.504	W
13083.00	79.63	185.13	12836.17	-875.97	-94.44	583500.45	2504835.38	39	55	17.082	N 109 41 59.542	W
13113.00	80.20	185.31	12841.42	-905.38	-97.13	583470.99	2504833.28	39	55	16.791	N 109 41 59.577	W
13144.00	82.39	185.76	12846.11	-935.88	-100.08	583440.44	2504830.94	39	55	16.490	N 109 41 59.615	W
13174.00	85.42	186.20	12849.30	-965.54	-103.19	583410.72	2504828.43	39	55	16.197	N 109 41 59.655	W
13205.00	87.03	186.02	12851.34	-996.30	-106.48	583379.90	2504825.76	39	55	15.893	N 109 41 59.697	W
13235.00	87.66	184.74	12852.73	-1026.13	-109.29	583350.02	2504823.55	39	55	15.598	N 109 41 59.733	W
13266.00	89.13	183.90	12853.60	-1057.03	-111.62	583319.08	2504821.84	39	55	15.293	N 109 41 59.763	W
13296.00	91.71	183.57	12853.38	-1086.97	-113.58	583289.11	2504820.49	39	55	14.997	N 109 41 59.788	W
13327.00	92.97	184.09	12852.11	-1117.87	-115.65	583258.17	2504819.04	39	55	14.691	N 109 41 59.814	W
13358.00	93.25	184.15	12850.43	-1148.74	-117.87	583227.26	2504817.44	39	55	14.386	N 109 41 59.843	W
13389.00	93.25	183.63	12848.67	-1179.62	-119.97	583196.34	2504815.96	39	55	14.081	N 109 41 59.870	W
13420.00	91.99	183.67	12847.26	-1210.53	-121.94	583165.41	2504814.61	39	55	13.776	N 109 41 59.895	W
13481.00	92.13	183.66	12845.06	-1271.36	-125.84	583104.50	2504811.94	39	55	13.174	N 109 41 59.945	W
13509.00	92.06	183.56	12844.04	-1299.29	-127.60	583076.55	2504810.74	39	55	12.898	N 109 41 59.968	W
13540.00	92.34	183.78	12842.85	-1330.20	-129.58	583045.60	2504809.38	39	55	12.593	N 109 41 59.993	W
13571.00	92.55	183.79	12841.53	-1361.11	-131.63	583014.66	2504807.96	39	55	12.287	N 109 42 0.020	W
13601.00	92.83	184.24	12840.12	-1391.00	-133.73	582984.73	2504806.46	39	55	11.992	N 109 42 0.046	W
13632.00	92.90	184.06	12838.57	-1421.88	-135.97	582953.81	2504804.84	39	55	11.687	N 109 42 0.075	W
13663.00	93.18	184.85	12836.93	-1452.74	-138.37	582922.91	2504803.06	39	55	11.382	N 109 42 0.106	W
13724.00	92.83	185.73	12833.73	-1513.40	-143.99	582862.15	2504798.67	39	55	10.782	N 109 42 0.178	W
13785.00	92.97	186.06	12830.64	-1574.00	-150.24	582801.44	2504793.63	39	55	10.183	N 109 42 0.258	W
13815.00	93.25	186.22	12829.01	-1603.78	-153.45	582771.60	2504791.03	39	55	9.889	N 109 42 0.300	W
13846.00	93.60	186.42	12827.16	-1634.54	-156.86	582740.78	2504788.24	39	55	9.585	N 109 42 0.343	W
13877.00	92.97	186.98	12825.39	-1665.28	-160.47	582709.97	2504785.25	39	55	9.281	N 109 42 0.390	W
13908.00	92.83	187.27	12823.82	-1696.00	-164.31	582679.18	2504782.03	39	55	8.977	N 109 42 0.439	W
13938.00	92.06	187.06	12822.54	-1725.74	-168.04	582649.37	2504778.89	39	55	8.683	N 109 42 0.487	W



Weatherford International Ltd.

Survey Report - Geographic



Company: XTO	Date: 6/22/2010	Time: 13:14:17	Page: 3
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: #1-30F, True North		
Site: HCU #1-30F	Vertical (TVD) Reference: SITE 5277.5		
Well: #1-30F	Section (VS) Reference: Well (0.00N,0.00E,185.28Azi)		
Wellpath: #1-30F	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Sv

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →		
								Deg	Min	Sec	Deg	Min	Sec
13969.00	91.01	186.95	12821.71	-1756.49	-171.82	582618.55	2504775.73	39	55	8.379 N	109	42	0.535 W
13999.00	91.22	187.14	12821.12	-1786.26	-175.50	582588.71	2504772.65	39	55	8.085 N	109	42	0.583 W
14030.00	90.80	186.78	12820.58	-1817.03	-179.26	582557.88	2504769.52	39	55	7.781 N	109	42	0.631 W
14060.00	90.80	186.69	12820.16	-1846.82	-182.78	582528.02	2504766.60	39	55	7.487 N	109	42	0.676 W
14091.00	91.08	186.19	12819.65	-1877.62	-186.25	582497.16	2504763.74	39	55	7.182 N	109	42	0.721 W
14121.00	91.92	186.91	12818.86	-1907.41	-189.67	582467.30	2504760.92	39	55	6.888 N	109	42	0.765 W
14152.00	92.48	187.11	12817.67	-1938.16	-193.45	582436.49	2504757.76	39	55	6.584 N	109	42	0.813 W
14183.00	92.69	187.16	12816.28	-1968.89	-197.30	582405.69	2504754.53	39	55	6.280 N	109	42	0.862 W
14214.00	92.20	186.70	12814.95	-1999.63	-201.04	582374.87	2504751.42	39	55	5.976 N	109	42	0.910 W
14242.00	91.36	185.86	12814.08	-2027.45	-204.10	582347.00	2504748.92	39	55	5.701 N	109	42	0.950 W
14264.00	91.57	185.90	12813.52	-2049.33	-206.35	582325.08	2504747.10	39	55	5.485 N	109	42	0.979 W
14296.00	92.06	186.11	12812.51	-2081.13	-209.70	582293.21	2504744.40	39	55	5.171 N	109	42	1.022 W
14327.00	92.61	185.63	12811.24	-2111.95	-212.87	582262.34	2504741.85	39	55	4.866 N	109	42	1.062 W
14359.00	92.90	186.71	12809.71	-2143.72	-216.30	582230.50	2504739.06	39	55	4.552 N	109	42	1.106 W
14391.00	92.97	186.98	12808.07	-2175.45	-220.11	582198.70	2504735.89	39	55	4.239 N	109	42	1.155 W
14423.00	92.48	185.95	12806.55	-2207.21	-223.71	582166.87	2504732.93	39	55	3.925 N	109	42	1.201 W
14454.00	92.41	185.84	12805.22	-2238.02	-226.89	582136.01	2504730.37	39	55	3.620 N	109	42	1.242 W
14486.00	92.06	185.74	12803.98	-2269.83	-230.12	582104.14	2504727.78	39	55	3.306 N	109	42	1.284 W
14518.00	92.20	185.69	12802.79	-2301.65	-233.30	582072.26	2504725.24	39	55	2.991 N	109	42	1.324 W
14549.00	92.62	186.17	12801.48	-2332.46	-236.50	582041.40	2504722.66	39	55	2.687 N	109	42	1.366 W
14581.00	92.69	185.80	12800.00	-2364.25	-239.83	582009.54	2504719.97	39	55	2.373 N	109	42	1.408 W
14612.00	92.76	185.23	12798.53	-2395.07	-242.81	581978.67	2504717.61	39	55	2.068 N	109	42	1.446 W
14644.00	92.62	185.68	12797.03	-2426.89	-245.85	581946.79	2504715.22	39	55	1.753 N	109	42	1.485 W
14707.00	92.41	185.19	12794.26	-2489.55	-251.81	581884.03	2504710.52	39	55	1.134 N	109	42	1.562 W
14771.00	92.06	184.61	12791.77	-2553.27	-257.27	581820.22	2504706.34	39	55	0.504 N	109	42	1.632 W
14803.00	92.48	184.96	12790.50	-2585.13	-259.94	581788.31	2504704.31	39	55	0.189 N	109	42	1.666 W
14866.00	92.48	185.26	12787.77	-2647.82	-265.54	581725.52	2504699.97	39	54	59.570 N	109	42	1.738 W
14898.00	92.62	185.08	12786.35	-2679.66	-268.43	581693.63	2504697.73	39	54	59.255 N	109	42	1.775 W
14961.00	92.27	185.17	12783.66	-2742.35	-274.05	581630.83	2504693.37	39	54	58.636 N	109	42	1.847 W
14993.00	92.41	185.24	12782.35	-2774.19	-276.95	581598.94	2504691.11	39	54	58.321 N	109	42	1.885 W
15056.00	92.41	185.17	12779.70	-2836.88	-282.66	581536.15	2504686.66	39	54	57.701 N	109	42	1.958 W
15088.00	92.48	185.48	12778.34	-2868.71	-285.63	581504.27	2504684.34	39	54	57.387 N	109	42	1.996 W
15151.00	92.41	185.52	12775.65	-2931.36	-291.66	581441.51	2504679.57	39	54	56.967 N	109	42	2.073 W
15183.00	92.34	185.36	12774.33	-2963.19	-294.69	581409.62	2504677.18	39	54	56.453 N	109	42	2.112 W
15246.00	92.48	185.40	12771.68	-3025.86	-300.59	581346.85	2504672.54	39	54	55.833 N	109	42	2.188 W
15278.00	92.62	185.95	12770.25	-3057.67	-303.75	581314.98	2504670.02	39	54	55.519 N	109	42	2.229 W
15342.00	92.41	185.95	12767.44	-3121.26	-310.38	581251.27	2504666.67	39	54	54.890 N	109	42	2.314 W
15373.00	92.55	186.09	12766.10	-3152.06	-313.63	581220.41	2504662.04	39	54	54.586 N	109	42	2.355 W
15437.00	92.41	185.34	12763.33	-3215.68	-320.00	581156.67	2504656.96	39	54	53.957 N	109	42	2.437 W
15468.00	92.41	184.60	12762.03	-3246.54	-322.68	581125.77	2504654.90	39	54	53.652 N	109	42	2.471 W
15531.00	92.48	184.52	12759.34	-3309.28	-327.68	581062.94	2504651.16	39	54	53.032 N	109	42	2.536 W
15563.00	92.48	185.25	12757.96	-3341.14	-330.41	581031.03	2504649.08	39	54	52.717 N	109	42	2.571 W
15626.00	92.84	184.49	12755.03	-3403.84	-335.75	580968.23	2504645.00	39	54	52.098 N	109	42	2.639 W
15658.00	92.41	184.37	12753.57	-3435.71	-338.22	580936.32	2504643.17	39	54	51.783 N	109	42	2.671 W
15721.00	92.13	184.43	12751.07	-3498.48	-343.05	580873.47	2504639.60	39	54	51.162 N	109	42	2.733 W
15753.00	92.27	184.25	12749.84	-3530.36	-345.47	580841.54	2504637.83	39	54	50.847 N	109	42	2.764 W
15816.00	92.62	184.58	12747.16	-3593.12	-350.31	580778.70	2504634.25	39	54	50.227 N	109	42	2.826 W
15848.00	92.62	185.19	12745.69	-3624.97	-353.03	580746.80	2504632.17	39	54	49.912 N	109	42	2.861 W
15911.00	92.76	184.91	12742.74	-3687.65	-358.57	580684.02	2504627.89	39	54	49.292 N	109	42	2.932 W
15943.00	92.83	184.92	12741.18	-3719.50	-361.31	580652.13	2504625.79	39	54	48.978 N	109	42	2.967 W
16006.00	92.34	185.04	12738.34	-3782.20	-366.78	580589.33	2504621.59	39	54	48.358 N	109	42	3.037 W
16038.00	92.48	184.95	12736.99	-3814.05	-369.56	580557.43	2504619.45	39	54	48.043 N	109	42	3.073 W
16101.00	92.69	185.32	12734.15	-3876.73	-375.19	580494.65	2504615.08	39	54	47.424 N	109	42	3.145 W



Weatherford International Ltd.

Survey Report - Geographic



Weatherford

Company: XTO	Date: 6/22/2010	Time: 13:14:17	Page: 4
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: #1-30F, True North		
Site: HCU #1-30F	Vertical (TVD) Reference: SITE 5277.5		
Well: #1-30F	Section (VS) Reference: Well (0.00N,0.00E,185.28Azi)		
Wellpath: #1-30F	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Svy

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude		Longitude	
								Deg	Min Sec	Deg	Min Sec
16133.00	92.69	185.53	12732.65	-3908.55	-378.21	580462.77	2504612.70	39 54	47.109 N	109 42	3.184 W
16196.00	92.69	185.64	12729.69	-3971.18	-384.34	580400.03	2504607.84	39 54	46.490 N	109 42	3.263 W
16228.00	92.83	185.44	12728.15	-4003.00	-387.42	580368.16	2504605.39	39 54	46.176 N	109 42	3.302 W
16291.00	92.48	185.35	12725.23	-4065.65	-393.34	580305.40	2504600.74	39 54	45.556 N	109 42	3.378 W
16323.00	92.55	185.77	12723.83	-4097.47	-396.44	580273.53	2504598.28	39 54	45.242 N	109 42	3.418 W
16386.00	92.76	186.05	12720.91	-4160.07	-402.92	580210.81	2504593.06	39 54	44.623 N	109 42	3.501 W
16418.00	92.90	186.42	12719.33	-4191.84	-406.39	580178.97	2504590.23	39 54	44.309 N	109 42	3.546 W
16481.00	91.99	185.83	12716.64	-4254.42	-413.11	580116.27	2504584.78	39 54	43.691 N	109 42	3.632 W
16513.00	92.20	186.21	12715.47	-4286.22	-416.46	580084.41	2504582.06	39 54	43.376 N	109 42	3.675 W
16576.00	92.34	185.56	12712.98	-4348.84	-422.91	580021.67	2504576.87	39 54	42.757 N	109 42	3.758 W
16608.00	92.27	185.78	12711.69	-4380.66	-426.07	579989.80	2504574.35	39 54	42.443 N	109 42	3.798 W
16671.00	91.22	184.76	12709.77	-4443.36	-431.86	579926.99	2504569.83	39 54	41.823 N	109 42	3.872 W
16703.00	91.36	184.55	12709.05	-4475.25	-434.45	579895.06	2504567.88	39 54	41.508 N	109 42	3.906 W
16767.00	91.08	185.13	12707.69	-4539.01	-439.85	579831.20	2504563.76	39 54	40.878 N	109 42	3.975 W
16798.00	91.01	184.85	12707.12	-4569.88	-442.55	579800.28	2504561.69	39 54	40.573 N	109 42	4.010 W
16830.00	90.59	185.25	12706.68	-4601.76	-445.36	579768.36	2504559.52	39 54	40.258 N	109 42	4.046 W
16862.00	90.24	185.16	12706.44	-4633.62	-448.27	579736.44	2504557.25	39 54	39.943 N	109 42	4.083 W
16893.00	90.38	185.07	12706.28	-4664.50	-451.03	579705.51	2504555.11	39 54	39.638 N	109 42	4.119 W
16925.00	90.73	185.18	12705.97	-4696.37	-453.89	579673.59	2504552.90	39 54	39.323 N	109 42	4.155 W
16988.00	91.64	185.30	12704.66	-4759.09	-459.64	579610.76	2504548.41	39 54	38.703 N	109 42	4.229 W
17020.00	91.50	185.46	12703.79	-4790.94	-462.64	579578.86	2504546.05	39 54	38.388 N	109 42	4.267 W
17052.00	93.60	185.72	12702.36	-4822.75	-465.75	579546.99	2504543.58	39 54	38.074 N	109 42	4.307 W
17083.00	92.90	186.04	12700.61	-4853.54	-468.92	579516.15	2504541.03	39 54	37.769 N	109 42	4.348 W
17115.00	92.13	185.96	12699.20	-4885.33	-472.27	579484.29	2504538.33	39 54	37.455 N	109 42	4.391 W
17147.00	92.97	185.45	12697.78	-4917.14	-475.44	579452.43	2504535.79	39 54	37.141 N	109 42	4.432 W
17178.00	92.90	185.72	12696.19	-4947.96	-478.46	579421.56	2504533.40	39 54	36.836 N	109 42	4.470 W
17210.00	92.55	186.65	12694.67	-4979.73	-481.90	579389.72	2504530.59	39 54	36.522 N	109 42	4.515 W
17242.00	93.18	185.28	12693.07	-5011.52	-485.22	579357.87	2504527.91	39 54	36.208 N	109 42	4.557 W
17273.00	93.04	185.99	12691.39	-5042.32	-488.26	579327.01	2504525.49	39 54	35.903 N	109 42	4.596 W
17305.00	92.76	185.93	12689.77	-5074.11	-491.58	579295.17	2504522.82	39 54	35.589 N	109 42	4.639 W
17332.00	92.34	185.05	12688.57	-5100.96	-494.16	579268.27	2504520.78	39 54	35.324 N	109 42	4.672 W
17368.00	93.25	185.38	12686.81	-5136.77	-497.43	579232.40	2504518.23	39 54	34.970 N	109 42	4.714 W
17400.00	92.69	186.06	12685.15	-5168.56	-500.61	579200.55	2504515.69	39 54	34.656 N	109 42	4.755 W
17432.00	92.84	184.96	12683.61	-5200.38	-503.68	579168.68	2504513.26	39 54	34.341 N	109 42	4.794 W
17464.00	92.90	184.75	12682.01	-5232.22	-506.39	579136.79	2504511.19	39 54	34.026 N	109 42	4.829 W
17495.00	92.55	185.97	12680.53	-5263.05	-509.28	579105.91	2504508.92	39 54	33.722 N	109 42	4.866 W
17559.00	93.60	186.71	12677.10	-5326.57	-516.34	579042.26	2504503.15	39 54	33.094 N	109 42	4.956 W
17591.00	92.70	187.47	12675.34	-5358.28	-520.28	579010.48	2504499.84	39 54	32.781 N	109 42	5.007 W
17622.00	92.48	186.86	12673.94	-5389.00	-524.14	578979.68	2504496.60	39 54	32.477 N	109 42	5.057 W
17654.00	92.69	186.99	12672.50	-5420.74	-528.00	578947.88	2504493.38	39 54	32.163 N	109 42	5.106 W
17686.00	93.60	186.91	12670.74	-5452.45	-531.86	578916.09	2504490.16	39 54	31.850 N	109 42	5.156 W
17717.00	92.83	186.21	12669.00	-5483.20	-535.40	578885.28	2504487.24	39 54	31.546 N	109 42	5.201 W
17749.00	91.57	186.90	12667.78	-5514.97	-539.05	578853.44	2504484.23	39 54	31.232 N	109 42	5.248 W
17780.00	93.39	188.84	12666.43	-5545.64	-543.29	578822.69	2504480.61	39 54	30.929 N	109 42	5.302 W
17812.00	93.88	189.48	12664.41	-5577.17	-548.37	578791.06	2504476.16	39 54	30.617 N	109 42	5.368 W
17843.00	91.92	188.55	12662.84	-5607.75	-553.22	578760.40	2504471.93	39 54	30.315 N	109 42	5.430 W
17875.00	92.76	189.10	12661.53	-5639.34	-558.13	578728.71	2504467.66	39 54	30.003 N	109 42	5.493 W
17907.00	93.39	188.95	12659.81	-5670.90	-563.14	578697.06	2504463.28	39 54	29.691 N	109 42	5.557 W
17938.00	92.76	188.89	12658.15	-5701.48	-567.94	578666.38	2504459.10	39 54	29.388 N	109 42	5.619 W
17970.00	92.06	188.68	12656.81	-5733.08	-572.82	578634.70	2504454.85	39 54	29.076 N	109 42	5.681 W
18001.00	93.60	189.43	12655.27	-5763.65	-577.70	578604.03	2504450.60	39 54	28.774 N	109 42	5.744 W
18033.00	92.48	189.29	12653.58	-5795.18	-582.89	578572.40	2504446.03	39 54	28.462 N	109 42	5.811 W



Weatherford International Ltd.

Survey Report - Geographic



Company: XTO	Date: 6/22/2010	Time: 13:14:17	Page: 5
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: #1-30F, True North		
Site: HCU #1-30F	Vertical (TVD) Reference: SITE 5277.5		
Well: #1-30F	Section (VS) Reference: Well (0.00N,0.00E,185.28Azi)		
Wellpath: #1-30F	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Svy

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->		<--- Longitude --->					
								Deg	Min	Sec	Deg	Min	Sec		
18065.00	93.04	189.52	12652.04	-5826.72	-588.12	578540.77	2504441.45	39	54	28.151	N	109	42	5.878	W
18097.00	92.76	189.32	12650.42	-5858.24	-593.35	578509.14	2504436.85	39	54	27.839	N	109	42	5.945	W
18128.00	92.76	189.11	12648.92	-5888.81	-598.31	578478.49	2504432.51	39	54	27.537	N	109	42	6.008	W
18160.00	93.25	189.01	12647.25	-5920.37	-603.34	578446.83	2504428.11	39	54	27.225	N	109	42	6.073	W
18191.00	93.53	189.28	12645.41	-5950.92	-608.26	578416.19	2504423.81	39	54	26.923	N	109	42	6.136	W
18223.00	91.99	189.88	12643.87	-5982.43	-613.58	578384.57	2504419.13	39	54	26.612	N	109	42	6.204	W
18255.00	91.43	188.57	12642.92	-6014.00	-618.70	578352.90	2504414.64	39	54	26.300	N	109	42	6.270	W
18287.00	90.60	189.47	12642.35	-6045.60	-623.72	578321.21	2504410.26	39	54	25.987	N	109	42	6.334	W
18318.00	90.73	189.00	12641.99	-6076.20	-628.69	578290.52	2504405.90	39	54	25.685	N	109	42	6.398	W
18350.00	91.01	188.51	12641.51	-6107.82	-633.56	578258.81	2504401.67	39	54	25.372	N	109	42	6.461	W
18381.00	91.01	188.76	12640.96	-6138.47	-638.22	578228.07	2504397.63	39	54	25.069	N	109	42	6.520	W
18413.00	91.29	188.90	12640.32	-6170.08	-643.13	578196.37	2504393.36	39	54	24.757	N	109	42	6.583	W
18441.00	91.22	188.96	12639.70	-6197.74	-647.48	578168.63	2504389.57	39	54	24.484	N	109	42	6.639	W
18500.00	91.22	188.96	12638.45	-6256.00	-656.66	578110.19	2504381.56	39	54	23.908	N	109	42	6.757	W

Annotation

MD ft	TVD ft	
18441.00	12639.70	Last Wft Svy
18500.00	12638.45	Proj. To Bit

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DOGM COPY 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.

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

CONFIDENTIAL

5. Lease Serial No.
UTU-29784

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

7. If Unit or CA/Agreement, Name and/or No.
HILL CREEK UNIT

8. Well Name and No.
HCU 1-30F

9. API Well No.
43-047-40396

10. Field and Pool, or Exploratory Area
**NATURAL BUTTES
MNC5**

11. County or Parish, State
UINTAH UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input 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 checked="" 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>WELL</u>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <u>COMPLETION SUMMARY</u>
	<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 recomplate 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. has completed this well. Please see the attached well summary for more information.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) **BARBARA A. NICOL** Title **REGULATORY COMPLIANCE TECHNICIAN**

Signature *Barbara A. Nicol* Date **11/17/2010**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Office _____

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, makes 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.

DOGM COPY



Well Summary

CONFIDENTIAL

Well Name: Hill Creek Unit 01-30F

State: Utah

County: Uintah

Start Date	End Date	Total AFE Amount
3/15/2010	10/28/2010	
Objective Drill & Complete a Natural Buttes gas well		
Job Category DRILLING		Primary Job Type / Initial Job Type Drilling Original & Initial Completion
Daily Operations		
Start Date	Summary # 1	
3/15/2010	MI&RU Pete Martin Drilling and set 40' of 20" Conductor - Cmt.with 2 Yrds. Ready Mix - Notified Randy Bywater with BLM	
3/23/2010	MI&RU ProPetro & Drill 585' KB 17 1/2" Hole & set 546' KB of 13 3/8" 48# H-40 - Cmt.with ProPetro Pumped 500 sk Prem. 15.8# Yld 1.15 Top Out with 100 sk 15.8# Yld 1.15 - Stayed full	
3/24/2010	Drill with ProPetro 12 1/4" hole F/585' T/3265' - Ran 71 Jts. 9 5/8" 36# J-55 ST&C Set @ 3233' KB - Cmt. with ProPetro Lead 320 sk Prem. 11.0 # Yld. 3.82 217 bbl Tail 200 sk 15.8# Yld. 1.15 41 bbl. Dropped plug & Disp. with 242 bbl. water plug bumped floats held - no Cmt. to Surf. Top out with 250 sk Prem. 15.8# Yld. 1.15 50 bbl Hole stayed full witnessed by Randy Bywater BLM	
3/31/2010	Set matting boards Btm. of Sub	
4/1/2010	Sub Set, Drwk. on floor - Move in Eq.	
4/2/2010	Rig 90% on Loc. 50% Rigged Up	
4/3/2010	Rig 100% on Loc. & 70% Rigged Up	
4/4/2010	Rig 100% on Loc. & 90% Rigged Up	
4/5/2010	Derrick is up - Rigging up mud lines & gas buster	
4/6/2010	Rig up top drive - work on mud pumps & service rig motors	
4/7/2010	Rigging up top Drive & Wind Walls - Rebuild Pump Suction - Held prespud meeting lead by Bobby Jackson XTO Drilling Superintendent, attended by Scott Seely Drilling Consultant, Randy Bywater Vernal BLM, Tom Stokes Operations Manager Anchor Drilling Fluids, Ed Phelps Unit Drilling Superintendent & all Unit Drilling 109 hands. Discussed the importance of safety and environmental policy's & HCU 1-30F drilling program	
4/8/2010	Rigging up - work rig motors & mud tanks	
4/9/2010	Rigging up - working on mud tanks, shakers & Dwrk.	
4/10/2010	Rigging up - Finish repairs to Dwrk. Test top Drive - Circ. Mud System with water	
4/11/2010	Rig up rig floor & nipple up BOPs	
4/12/2010	Press test BOPs & Choke to 10,000 psi Annular To 5,000 psi 9 5/8" Csg. to 1,500 psi (witnessed by Randy Bywater BLM) - Hook up flow line & trip tank - Hang blocks & slip off Drlg line - Pick up BHA	
4/13/2010	Picked up BHA & DP Tagged Cmt. @ 3134' - Repacked Swivel - Drill Cmt. F/3134' T/3188' - Float @ 3220'	
4/14/2010	Drilled out 9 5/8" Csg. - FIT T/12.2 ppg = 650 psi F/30 min. No Loss Notified Randy Bywater BLM - Drilled F/3265' T/3680'	
4/15/2010	Drill F/3680' T/4659' - Rig Repair Top Drive	
4/16/2010	Drill F/4659' T/5864'	
4/17/2010	Drill F/5864' T/6655'	
4/18/2010	Drill F/6655' T/7145'	
4/19/2010	Drill F/7145' T/7193' - Trip To Change Bit & BHA - Drill F/7193' T/7464'	
4/20/2010	Drill F/7464' T/7970'	
4/21/2010	Drill F/7970' T/8510'	
4/22/2010	Drill F/8510' T/8882'	



Well Summary

Daily Operations

Start Date	Summary # 1
4/23/2010	Drill F/8882' T/9139' - Drop Survey & Trip for Bit #3
4/24/2010	Trip In With Bit #3 - Drill F/9139' T/9509'
4/25/2010	Drill F/9509' T/9642' - Trip for Bit #4
4/26/2010	Drill F/9642' T/9955'
4/27/2010	Drill F/9955' T/10167' - Pump Pill & Trip For Bit #5
4/28/2010	Trip For Bit #5 - Drill F/10167' T/10410'
4/29/2010	Drill F/10410' T/10476' - Trip For Bit #6
4/30/2010	Trip in with Bit #6 - Drill F/10476' T/10784'
5/1/2010	Drill F/10784' T/11125'
5/2/2010	Drill F/11125' T/11375' & Trip Out For Bit & MWD Tools
5/3/2010	Trip For Bit #7 & Weatherford Directional Tools - Trip In Survey Every 6 Stds. With MWD - Drill F/11,375' T/11,606'
5/4/2010	Drill F/11606' T/12003' - Trip Out For MWD
5/5/2010	Trip For MWD - Drill F/12003' T/12173' - Slide F/12147' T/12173' To Build Angle
5/6/2010	Drilling Slide & Rot. F/12173' T/12350' To Build Angle
5/7/2010	Drilling Slide F/12350' T/12369' - Trip To Inc. Motor Angle F/2.12 to 2.38 Deg.
5/8/2010	Slide Drill F/12369' T/12469'
5/9/2010	Slide Drill F/12469' T/12498' - Trip To Change BHA & Motor Angle
5/10/2010	Slide Drill F/12498' T/12595'
5/11/2010	Trip For 2.90 Deg Motor & Slide Drill F/12595' T/12629' - Verbal Permission From Randy Bywater Vernal BLM To Extend BOP Test Till After 7" Csg.
5/12/2010	Slide Drill F/12629' T/12667' - Rig Repair On SCR
5/13/2010	Slide Drill F/12667' T/12750' - Circ. & Cond. - Short Trip 20 Stds.
5/14/2010	Short Trip - Circ. & Cond. - Trip Out To Log - R/U Schlumberger & Ran Platform Express Tools Failed - Wait On Tools From Vernal Ut.
5/15/2010	Log With Schlumberger P-Express Loggers DT 12760' - Trip In T/Btm. - Circ. & Cond. - Lay Down 5" D.P.
5/16/2010	Lay Down D.P. - Pull Wear Ring - R/U Weatherford TRS - Run 7" Csg. 8800' In @ Report Time
5/17/2010	Ran 7" 32# Q-125 SJSF Set @ 12732' - Cmt. W/Halliburton - Change Pipe Rams
5/18/2010	Modify Wood Group Seal Assembly to Pack Off On 7" Csg. Hanger - Press Test BOP
5/19/2010	Press Test BOP & Choke T/10,000 psi Annular T/5,000 psi 7" Csg. T/2,000 psi - Witnessed By Randy Bywater BLM - Put Repair Kit In Btm. Pipe Rams & Retest T/10,000 psi - P/U Bit #10 & BHA
5/20/2010	P/U BHA - 3 1/2" & 4 1/2" D.P. - Stand Back 5,000' 4 1/2" D.P. In Derrick - P/U 4 1/2" D.P. - Tag Cmt. 12,650' - Break Circ. To Drill Out
5/21/2010	Drill Out Float Eq. & Cmt. To T.D. 12750' - FIT Test 3850 psi F/30 min = 17.2 ppg - Clean Mud Tanks & Seal Gates For Invert Mud - Fill Tanks & Disp. With Invert - Trip Out F/MWD
5/22/2010	Trip For MWD - Slide Drill F/12750' T/12785'
5/23/2010	Slide Drill F/12785' T/12904'
5/24/2010	Trip In With 1.83 Deg. Motor & Drill F/12904' T/13145' - Slide & Rot. To Build Angle
5/25/2010	Drilling Slide & Rot. F/13145' T/13475' - Circ. & Pump Pill - Trip Out For Bit
5/26/2010	Trip For Bit - Change Mud Motor & MWD - Wash & Ream Tight Spots F/13350' T/TD @ 13475' - Had 15 Employees From Vernal BLM Visit Rig
5/27/2010	Wash & Ream 13354' - Packed Off & Stuck @ Bit - Work Stuck Pipe - Back Off @ 12665' Inside Csg. - Trip For Jar & Bumper Sub - Slip & Cut Drlg. Line
5/28/2010	Cut Drilling Line & Insp. Derrick - Trip In To Top Of Fish - Circ. Btms. Up - Jar Fish Free - Work 7 Stds. Tight Pipe Out Of Hole - Bit Is Plugged - R/U DCT Wire Line To Perf. D.P.



Well Summary

Daily Operations	
Start Date	Summary # 1
5/29/2010	Perf.D.P. - Circ.& Cond. - Trip Out With Fish - Clean Out BHA - Trip In With Bit #13
5/30/2010	Wash & Ream F/12732' T 13300' - Bridging and Packing Off @ Bit - Fine Sand Coming Back Over Shaker - Have Been Working Tight Spot F/13250' T/13300' For 16 Hrs.
5/31/2010	Wash & Ream F/13250' T 13350' - Bridging and Packing Off @ Bit - Fine Sand & Silt Coming Back Over Shaker
6/1/2010	Trip To Lay Down MWD Tools - Wash & Ream F/12732' T/13330' With Bit & HWDP - Pumping Sweeps & Mix Anco-Phalt - Inc. Mud Wt. To 13.7 ppg - Hole Is Stabilizing & Not Packing Off
6/2/2010	Wash & Ream T/13475' TD - Short Trip 2 Times To Csg.Shoe @ 12732' - Wash & Ream Tight Spots - Hole Stable @ Report Time - Pumping Pill To Trip Out For MWD Tools
6/3/2010	Trip For MWD Tools - Drill F/13475' T/13532' - Standpipe PSI 4200 @ 211 GPM Unable To Take Surveys Due To Low GPM
6/4/2010	Drill F/13532' T/13567' - Trip To lay Down 3400' Of 3 1/2" D.P. & Change G-Ray - Trip In To 13380' - Wash & Ream T/TD @ 13567'
6/5/2010	Drill F/13567' T/13878'
6/6/2010	Drill F/13878' T/14095'
6/7/2010	Drill F/14095' T/14285'
6/8/2010	Drill F/14285' T/14300' - Trip To Change Mud Motor & Bit - Lay Down 135 Jts. 3 1/2" DP & P/U 4"DP - Tripping In
6/9/2010	Finish Tip In - Drill F/14300' T/14671'
6/10/2010	Drill F/14671' T/15228'
6/11/2010	Drill F/15228' T/15700'
6/12/2010	Drill F/15700' T/16286'
6/13/2010	Drill F/16286' T/16744'
6/14/2010	Drill F/16744' T/17173'
6/15/2010	Drill F/17173' T/17553'
6/16/2010	Drill F/17553' T/17617' - Trip Out For MWD & Motor - Test BOPs - Notified Randy Bywater BLM
6/17/2010	Trip In With Bit # 15 - Cut Drilling Line - Drill F/17617' T/17748'
6/18/2010	Drill F/17748' T/18040'
6/19/2010	Drill F/18040' T/18375'
6/20/2010	Drill F/18375' T/18500' - Circ.& Cond. - Wiper Trip To Csg.Shoe - Circ.& Cond. Lay Down 4" XT-39 D.P.
6/21/2010	Trip Out & Lay Down Weatherford Tools - Ran 4 1/2" Liner - Trip In With Liner To Csg Shoe @ 12,700' - Pick Up Head & Install Rot. Head
6/22/2010	Ran 155 Jts. 4 1/2" 15.1# P-110 VAM Set @ 18488' Hanger @ 12020' - Cmt.W/Halliburton 485 sk Prem. 15.2 ppg 1.66 Yld. 142 bbl - Lay Down 4" D.P.
6/23/2010	Lay Down 4" D.P. - Clean Mud Tanks & Nipple Down
6/24/2010	Rig Down Top Drive & Cut Mud Wt. To 12ppg
6/25/2010	Rig Down Unit 109
6/26/2010	Rig Down Unit 109
6/27/2010	Rig Down Unit 109 - Rig Released @ 06:00 6/28/2010
8/16/2010	SITP 0 psig, SICP 0 psig. Contd rpt for AFE #907030 to D&C Mancos Horizontal. MI & set frac tnks. MIRU Temples WS rig #2. MI & spot rig pmp & tks. NU 15K BOP equip. Repair loc around WH. SWI & SDFN. 0 BLWTR.
8/17/2010	SITP 0 psig, SICP 0 psig. PU and TIH w/ 3-1/2" bladed bit, 25 jts of 2-3/8", L-80 tbg, xo, 7" csg scr, and 268 jts of 2-7/8", L-80 tbg. EOT @ 9,681'. SWI & SDFN. 0 BLWTR.



Well Summary

Daily Operations	
Start Date	Summary # 1
8/18/2010	SITP 0 psig, SICP 0 psig. Contd TIH w/3-1/2" bit & 7" scr Assy. Tgd TOL @ 12,015', EOT @ 12,846'. TOH & LD bit, 2-3/8" tbg & 7" csg scr. TIH w/Baker polishing mill & 290 jts 2-7/8" tbg. EOT @ 9,186'. SWI & SDFN.
8/19/2010	SITP 0 psig, SICP 0 psig. Contd to TIH w/polishing mill, tgd TOL @ 12,020'. RU pwr swivel & estab circion, polish off LT. Circ well cln. TOH w/2-7/8" tbg, LD polishing mill. SWI & SDFN.
8/20/2010	SITP 0 psig, SICP 0 psig. MIRU Schlumberger WLU. RIH and log well fr/11,987 to surf w/Ultrasonic Imaging Tool/CCL/GR. POH LD t/s. RDMO WLU. SWI & SDFWE.
8/23/2010	SICP 0 psig. TIH w/364 jts of 2-7/8", L-80, 8rd, tbg. TOH & LD 258 jts. EOT @ 3,551'. SWI & SDFN.
8/24/2010	SICP 0 psig. Cont to TOH LD 106 jts of 2-7/8" tbg. ND BOP & NU WH. SWI & SDFN. Rpts suspnd unti futher activity. WO CTU & Frac dates.
9/27/2010	SITP 0 psig, SICP 0 psig. Contd rpt for AFE #907030 to D&C Mancos Horizontal. MIRU Key Energy WS rig #6013. MI & spot rig pmp & tks. NU 15K BOP equip. Set hyd cat walk & pipe racks. Unload and tally 2-3/8", PH6, hyd, 5.95#, tbg. NU 15K BOP. Components stump tstd in Weatherford's yard to 15K. Tster brought a ported tst plg, as a result BOP shell tst could only be tstd to 10K high (TIW vlv rating) & 250 psig low. Tstd Hydrill 5K high, 500 psig low. Gd tst. SWI & SDFN.
9/28/2010	SICP 0 psig. PU & TIH w/3.5" 4 bld jnk mill, 2-7/8" mm, cir sub, disconnect sub, hyd jrs, flaper string float, xo, 48 jt's 2-3/8", 5.95#, PH6, Hydrill tbg, TOH w/ tbg, LD BHA due to excess pipe dope / rust. TIH w/2-3/8' mule shoe col, xo, 215 jts 2-3/8", 5.95#, PH6, Hydrill tbg (6648'). Flshd tbg w/60 bbls TFW @ 5 bpm. TOH, TIH w/mill, mud mtr BHA & 215 jts 2-3/8"PH6 tbg., xo, 19 - 4" x 2" DCs, xo, 1 jt 2-7/8", 7.90#, PH6 hydrill tbg. SWI & SDFN.
9/29/2010	SITP 0 psig, SICP 0 psig. Cont to TIH w/350 jts of 2-7/8" PH6 hydrill tbg. Stop every 1000' & pmp 30 bbls fluid dwn tbg to cool MM. Tgd LT @ 12,015'. Cont to TIH tgd @ 18,066', wrkd tbg to 18,120'. SDFN. WO Halliburton FR. Circ 30 bbls fld every hr thru the night to cool mud mtr.
9/30/2010	SITP 0 psig, SICP 0 psig, RU pwr swvl, DO fr/18,095 to 18,390' @ 2.7 BPM & 1000 psig. FC @ 18,455'. Circ cln @ 18390'. Dropt 5/8 ball & opn circ sub. RU HES, pmp MR.CLEAN pill dwn tbg as follows: 500 gals Xzylene, 1000 gals 15% HCL, 500 gals TFW, 500 gals Xzylene, 1000 gals 15% HCL, displ pill w/526 bbls TFW w/FR-66. RD HES. TOH w/160 jts of 2-7/8" PH6 hydrill tbg. SWI & SDFN.
10/1/2010	SITP 0 psig, SICP 0 psig. TOH w/202 jts 2-7/8", 7.90#, PH6 hydrill tbg, 19 - 4" x 2" DCs, xo, 215 jts 2-3/8" PH6 tbg. LD mud mtr & mill BHA. RU Schlumberger WLS & Run CBL w/ Well Tech tractor fr LT (12,022') to PBD (18,430'). RDMO WL. ND BOP & Annular. Install 7-1/16" 15K FV, 7-1/16" 15K BOP. Chart PT BOP'S, 250psig low, 12,500 psig high, 30" each (pipe, blind, 2-1/16 outlets, FV). Tsd gd. SWI & SDFN.
10/2/2010	SICP 0 psig. TIH w/2.75" TAG-35 TCP perf guns loaded w/17 gm chrgs, 215 jts 2-3/8", 5.95#, PH6, Hydrill tbg, xo, 19 - 4" x 2" DCs, xo & 360 jts 2-7/8", 7.90#, PH6 hydrill tbg. Tg PBD @ 18,390'. RU HES pmp equip. Press up on TCA to 5500 psig & perf Mancos stage #1 perf intv fr/18,170' - 72', 18,202' - 04', 18,264' - 66', 18,326' - 28' & 18,388' - 90' w/6 JSPF (120 deg phasing, 0.40" EHD, 49" pene., 60 holes). Observe csg press (5500-5250) psig for 1 hr. Bd well. TOH & LD 75 jts 2-7/8" tbg. SWI & SDFN.
10/3/2010	SICP 0 psig. TOH & LD 186 jts 2-7/8", 7.90#, PH6 hydrill tbg.xo, 19 - 4" x 2" DCs, xo, 215 jt's 2-3/8", 5.95#, PH6, Hydrill tbg, & perf guns (all shots fired.) ND BOP. RDMO KWS. MI HES pumping service, Wood Groupe.



Well Summary

Daily Operations

Start Date	Summary # 1
10/4/2010	SICP 0 psig. MIRU HES, CHS WLU & Wood Group. Held safety mtg & PT all surface lines to 12,500 psig, gd tst. PT FV stack. PT failed. Att to rep leak. BD Mancos stg #1 perfs fr/18,170' - 18,390' & EIR w/2% TFW wtr dwn 4-1/2" csg. BD @ 9526 psig, pmpd 185 bbls ttl. ISIP 8920 psig, .92 FG. SD due to leak on FV. 185 BLWTR.
10/5/2010	Remove & inspect 7-1/16 15K Wood group FV. Wait on replacement. Install & test new FV 13,000 psig. Tstd gd.
10/6/2010	<p>Held safety mtg & PT all surf lines to 13,000 psig, gd tst. Load M stg #1 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/18,170-18,390' w/1000 gals of 15% NEFE HCL, dwn 4-1/2" csg. Max TP 11,955 psig. Ppd 2000 add gals 15% NEFE HCL ac dwn 4-1/2" csg. ISIP 8920 psig, .92FG. Fracd M stg #1 perfs fr/18,170-18,390' dwn 4-1/2" csg w/10,607 bbls TFW carrying 27,057# Premium White 100 mesh & 58,592# 40/70 CRC resin coated sd. Flshd frac w/622 bls TFW. Max DH sd conc .5 ppg. Max TP 11,955 psig, ISIP 6577 psig, 5" SIP 6483 psig. .957 FG. 11,194 BLWTR. (stage 1)</p> <p>MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrgs. w/ 532 bls FR wtr. Set plg @ 18,150'. Perf M stage #2 intv fr/17,868-70', 17,928-30', 17,988-90', 18,058-60', & 18,108-10' w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drop 2-3/8" CFP ball & RU HES. Pmp dwn ball @ 15 bpm @ 9,430 psig. Seat ball and BD stg #2 perfs @ 9,323 psig. Load M stg #2 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/17,870-18,108' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 11,972 psig. ISIP 6,857 psig, .96FG. Fracd M stg #2 perfs fr/17,870-18,108' dwn 4-1/2" csg w/8,820 bbls TFW, carrying 14,800# Premium White 100 mesh, & 40,520# 40/70 CRC resin coated sd. Flshd frac w/637 bls TFW. Max DH sd conc .5 ppg. ISIP 6,742 psig, 5" SIP 6,648 psig. .977 FG. 9,457 BLWTR. (stage 2) 16,034 BLWTR ttl.</p> <p>RU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg perf guns loaded w/Titan EXP-2715-322T, 15 gm chrgs. & w/ 239 bbls FR wtr. Set plg @ 17,820'. Perf M stage #3 intv fr/17,520-22', 17,588' - 90', 17,648' - 50', 17,698' - 17,700' & 17,762' - 64'w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH, WL operator hit the top of the lubri, pld out of rope socket & dropd tls in hole. SWI & SDFN. 16,273 BLWTR ttl.</p>



Well Summary

Daily Operations

Start Date	Summary # 1
10/7/2010	<p>SICP 5,900 psig. Held safety mtg & PT all surf lines to 13,000 psig, gd tst. MIRU CHS WL. PU & TIH w/2-3/8" fishing tls, tgd fish @ 13,500'. POH, rec & LD fish. Drop 2-3/8" CFP ball & RU HES. Pmp dwn ball @ 15 bpm @ 9,443 psig. Seat ball and BD stg #3 perfs @ 10,672 psig. Load M stg #3 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/17,520'-17,764' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 12,004 psig. ISIP 8,996 psig, 1.14FG. Fracd M stg #3 perfs fr/17,520'-17,764' dwn 4-1/2" csg w/13,490 bbls TFW, carrying 18,300# Premium White 100 mesh, & 117,700# 40/70 CRC resin coated sd. Flshd frac w/614 bls TFW. Max DH sd conc .5 ppg. ISIP 6,831 psig, 5" SIP 5,890 psig. .97 FG. 13,490 BLWTR. (stage #3) 32,307 BLWTR Ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/ 333 bls FR wtr. Set plg @ 17,480'. Perf M stage #4 intv fr/17,188-90', 17,248-50', 17,308-10', 17,368-70', & 17,428-30w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drop 2-3/8" CFP ball & RU HES. Pmp dwn ball @ 15 bpm @ 7,500 psig. Seat ball and BD stg #4 perfs @ 8,980 psig. Load M stg #4 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/17,188-17,430' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Fracd M stg #4 perfs fr/17,188-17,430' dwn 4-1/2" csg w/17,084 bbls TFW, carrying 15,500# Premium White 100 mesh, & 156,800# 40/70 CRC resin coated sd. Flshd frac w/606 bls TFW. Max DH sd conc .4 ppg. Max TP 11,515 psig, ISIP 6,698 psig, 5" SIP 6,550 psig. .96 FG. 17,681 BLWTR. (stage 4) 50,321 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/ 295 bls FR wtr. Set plg @ 17,130'. Perf M stage #5 intv fr/16,848-50', 16,908-10', 16,968-70', 17,028-30', & 17,088-90'w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drop 2-3/8" CFP ball SWI SDFN 50,616 BLWTR</p>
10/8/2010	<p>SICP 6118 psig. OWU Pmp dwn ball @ 15 bpm @ 7,500 psig. Seat ball and BD stg #5perfs @ 8,508 psig. Load M stg #5 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/16,848-17,090' w/1000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Fracd M stg #5 perfs fr/16,848-17,090' dwn 4-1/2" csg w/13,337 bbls TFW, carrying 15,100# Premium White 100 mesh, & 119,200# 40/70 CRC resin coated sd. Flshd frac w/601 bls TFW. Max DH sd conc .5 ppg. Max TP 11,957 psig, ISIP 6,807psig, 5" SIP 6,584 psig. .97 FG. 13,941 BLWTR. (stage 5) 64,557 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/ 202 bls FR wtr. Set plg @ 16,790'. Perf M stage #6 intv fr/16,478-80', 16,538-40', 16,628-30', 16,688-90', & 16,748-50'w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Pmp dwn ball @ 15 bpm @ 7,500 psig. Seat ball and BD stg #6 perfs @ 9,203 psig. Load M stg #6 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/16,478-16,750' w/1000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Fracd M stg #6 perfs fr/16,478-16,750' dwn 4-1/2" csg w/14,845 bbls TFW, carrying 12,200# Premium White 100 mesh, & 108,200# 40/70 CRC resin coated sd. Flshd frac w/600 bls TFW. Max DH sd conc .4 ppg. Max TP 11,756 psig, ISIP 6,904 psig, 5" SIP 6,626 psig. .97 FG. 15,047 BLWTR. (stage 6) 79,604 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/171 bls FR wtr. Set plg @ 16,460'. Perf M stage #7 intv fr/16,168-70', 16,228-30', 16,288-90', 16,348-50', & 16,432-34'w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drpd 2-3/8" CFP ball. 79,775 BLWTR Ttl. SWI & SDFN.</p>



Well Summary

Daily Operations	
Start Date	Summary # 1
10/9/2010	<p>SICP 6,082 psig. OWU Pmp dwn ball @ 15 bpm @ 8,500 psig. Seat ball and BD stg #7perfs @ 8,688 psig. Load M stg #7 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/16,168-16,434' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 10,644 psig. Fracd M stg #7 perfs fr/16,168-16,343' dwn 4-1/2" csg w/12,158 bbls TFW, carrying 23,000# Premium White 100 mesh, & 85,800# 40/70 CRC resin coated sd. Flshd frac w/591 bls TFW. Max DH sd conc .4 ppg. ISIP 6,818psig, 5" SIP 6,575 psig. .97 FG. 12,158 BLWTR. (stage 7) 91,933 BLWTR ttl. MIRU Quick Test Tstrs and re-torque WH stack, RDMO Tstrs. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/ 250 bls FR wtr. Set plg @ 16,120'. Perf M stage #8 intv fr/15,810-12', 15,888-90', 15,948-50', 16,003-05', & 16,068-70' w/6 JSPF (60 deg phasing, 0..36,EHD, 33" pene., 60 holes). POH & LD perf guns. Pmp dwn ball @ 15 bpm @ 7,500 psig. Seat ball and BD stg #8perfs @ 8,688 psig. Load M stg #8 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/15,810-16,070' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 11,706 psig. Fracd M stg #8 perfs fr/15,810-16,070' dwn 4-1/2" csg w/13,878 bbls TFW, carrying 19,100# Premium White 100 mesh, & 141,800# 40/70 CRC resin coated sd. Flshd frac w/565 bls TFW. Max DH sd conc .5 ppg. ISIP 7,049 psig, 5" SIP 6,635 psig. .99 FG. 13,878 BLWTR. (stage 8) 105,811 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/205 bls FR wtr. Set plg @ 17,780'. Perf M stage #9 intv fr/15,468-70', 15,538-40', 15,608-10', 15,668-70', & 15,728-30'w/6 JSPF (60 deg phasing, 0..36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drpd 2-3/8" CFP ball. 106,064 BLWTR Ttl. SWI & SDFN.</p>
10/10/2010	<p>SICP 6020 psig.Pmp dwn ball @ 15 bpm @ 7,500 psig. Seat ball and BD stg #9 perfs @ 9,311 psig. Load M stg #9 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/15,468-15,730' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 9,927 psig. Fracd M stg #9 perfs fr/15,468-15,730' dwn 4-1/2" csg w/12,929 bbls TFW, carrying 6,900# Premium White 100 mesh, & 137,600# 40/70 CRC resin coated sd. Flshd frac w/565 bls TFW. Max DH sd conc .5 ppg. ISIP 6,801 psig, 5" SIP 6,597 psig. .97 FG. 12,929 BLWTR. (stage9) 118,975 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/205 bls FR wtr. Set plg @ 15,440'. Perf M stage #10 intv fr/15,148-50', 15,208-10', 15,282-84', 15,328-30' & 15,396-98' w/6 JSPF (60 deg phasing, 0..36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drpd 2-3/8" CFP ball. 118,975 BLWTR Ttl. SWI & SDFN. Could not continue with stg #10, HAL requested rest of the day to repair 5 pumps that went down.</p>



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Daily Operations

Start Date	Summary # 1
10/11/2010	<p>SICP 6,044 psig. OWU Pmp dwn ball @ 15 bpm @ 8,958 psig. Seat ball and BD stg #10 perfs @ 9,292 psig. Load M stg #10 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/15,148-15,398' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 11,075 psig. Fracd M stg #10 perfs fr/15,148-17,398' dwn 4-1/2" csg w/13,692 bbls TFW, carrying 18,000# Premium White 100 mesh, & 133,800# 40/70 CRC resin coated sd. Flshd frac w/577 bls TFW. Max DH sd conc .6 ppg. ISIP 6,789psig, 5" SIP 6,554 psig. .97 FG. 13,692 BLWTR. (stage 10) 132,667 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/170 bls FR wtr. Set plg @ 15,088'. Perf M stage #11 intv fr/14,808-10', 14,858-60', 14,928-30', 14,988-90' & 15,048-50' w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Pmp dwn ball @ 15 bpm @ 7350 psig. Seat ball and BD stg #11 perfs @ 8,568 psig. Load M stg #11 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/14,808-15,050' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 10,385 psig. Fracd M stg #11 perfs fr/14,808-15,050' dwn 4-1/2" csg w/12,896 bbls TFW, carrying 18,300# Premium White 100 mesh & 130,200# 40/70 CRC resin coated sd. Flshd frac w/577 bls TFW. Max DH sd conc .5 ppg. ISIP 6,910 psig, 5" SIP 6,638 psig. .98 FG. 12,896 BLWTR. (stage 11) 145,563 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/195 bls FR wtr. Set plg @ 14,755'. Perf M stage #12 intv fr/14,450-52', 14,528-30', 14,588-90', 14,648-50', & 14,708-10' w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drpd 2-3/8" CFP ball. 145,758 BLWTR Ttl. SWI & SDFN.</p>
10/12/2010	<p>SICP 6,044 psig. OWU Pmp dwn ball @ 15 bpm @ 8,958 psig. Seat ball and BD stg #12 perfs @ 8,500 psig. Load M stg #12 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/14,450-14,710' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 12,056 psig. Fracd M stg #12 perfs fr/14,450-14,710' dwn 4-1/2" csg w/11,458 bbls TFW, carrying 18,700# Premium White 100 mesh & 95,400# 40/70 CRC resin coated sd. Flshd frac w/567 bls TFW. Max DH sd conc .4 ppg. ISIP 6,744 psig, 5" SIP 6,107 psig. .99 FG. 11,517 BLWTR. (stage 12) 157,275 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/170 bls FR wtr. Set plg @ 14,420'. Perf M stage #13 intv fr/14,128-30', 14,188-90', 14,248-50', 14,308-10' & 14,388-90' w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Pmp dwn ball @ 15 bpm @ 7,800 psig. Seat ball and BD stg #13 perfs @ 8,130 psig. Load M stg #13 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/14,128-14,390' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 10,259 psig. Fracd M stg #13 perfs fr/14,128-14,390' dwn 4-1/2" csg w/13,822 bbls TFW, carrying 21,000# Premium White 100 mesh & 137,000# 40/70 CRC resin coated sd. Flshd frac w/563 bls TFW. Max DH sd conc .5 ppg. ISIP 7,347 psig, 5" SIP 7,347 psig. 1.01 FG. 13,822 BLWTR. (stage 13) 159,385 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrsg. w/175 bls FR wtr. Set plg @ 14,080'. Perf M stage #14 intv fr/13,792-94', 13,848-50', 13,908-10', 13,968-70' & 14,028-30' w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drpd 2-3/8" CFP ball. 159,585 BLWTR Ttl. SWI & SDFN.</p>



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Daily Operations

Start Date	Summary # 1
10/13/2010	<p>SICP 6,294 psig. OWU Pmp dwn ball @ 15 bpm @ 8,100 psig. Seat ball and BD stg #14 perfs @ 7,137 psig. Load M stg #14 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/13,972' - 14,030' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 9,948 psig. Fracd M stg #14 perfs fr/13,972-14,030' dwn 4-1/2" csg w/12,272 bbls TFW, carrying 19,400# Premium White 100 mesh & 99,400# 40/70 CRC resin coated sd. Flshd frac w/549 bls TFW. Max DH sd conc .4 ppg. ISIP 7,137 psig, 5" SIP 6,873 psig. 0.99 FG. 12,869 BLWTR. (stage 14) 172,454 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrgrs. w/ 59 bls FR wtr. Set plg @ 13,740'. Perf M stage #15 intv fr/13,426-28', 13,488-90', 13,528-30', 13,628-30' & 13,688-90' w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Pmp dwn ball @ 15 bpm @ 8,100 psig. Seat ball and BD stg #15 perfs @ 8,130 psig. Load M stg #15 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/13,426-13,690' w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 10,717 psig. Fracd M stg #15 perfs fr/13,426-13,690' dwn 4-1/2" csg w/12,170 bbls TFW, carrying 19,000# Premium White 100 mesh & 103,700# 40/70 CRC resin coated sd. Flshd frac w/558 bls TFW. Max DH sd conc .4 ppg. ISIP 7,361 psig, 5" SIP 6,892 psig. 1.02 FG. 12,170 BLWTR. (stage 15) 171,755 BLWTR ttl. MIRU CHS WL. Pmp dwn Tandem 3.44" 10k WFT CFP & 2.75" csg guns loaded w/Titan EXP-2715-322T, 15 gm chrgrs. w/45 bls FR wtr. Set plg @ 13,420'. Perf M stage #16 intv fr/13,228-30', 13,272-74', 13,308-10', 13,348-50', & 13,380-82' w/6 JSPF (60 deg phasing, 0.36,EHD, 33" pene., 60 holes). POH & LD perf guns. Drpd 2-3/8" CFP ball. RDMO WLU. 171,800 BLWTR Ttl. SWI & SDFN.</p>
10/14/2010	<p>SICP 6,290 psig. OWU Pmp dwn ball @ 15 bpm @ 7,594 psig. Seat ball and BD stg #16 perfs @ 8,560 psig. Load M stg #16 perfs w/TFW and EIR. Spear head A., trtd M perfs fr/13,228-13,382'w/2000 gals of 15% NEFE HCL ac, dwn 4-1/2" csg. Max TP 10,922 psig. Fracd M stg #16 perfs fr/13,228-13,382' dwn 4-1/2" csg w/ 14,251 bbls TFW, carrying 14,600# Premium White 100 mesh, & 142,400# 40/70 CRC resin coated sd. Flshd frac w/453 bls TFW. Max DH sd conc .5 ppg. ISIP 7,129 psig. 1.00 FG. 14,251 BLWTR. (stage 16) 213,704 BLWTR ttl.</p> <p>RDMO HEC , CHS,</p>
10/15/2010	<p>MIRU CTS CTU. Displ 2" CT w/60 bbls cln TFW. PT surf equip to 10,000 psig, gd tst. MU coil conn, hyd jars, disconn, dual circ sub, mtr, 3.625" 4 bld mill on 2" CT. SWIFN.</p>
10/16/2010	<p>5950 psig SICP. RIH w/CTS CTU coil conn, hyd jars, disconn, dual circ sub, mtr, 3.625" 4 bld mill on 2" CT. Brk circ @ 2.5 bpm 8200 psig @ 12,020 (LT). RIH tg 1st CFP @ 13,420' pmp rate set @ 3.5 bpm 8500 psig. 3.5 bpm measured return rate. DO CFP @ 13,420' (50"), RIH tg 2nd CFP @ 13,740'. DO CFP @ 13,740' (29") RIH tg 3rd CFP @ 14,080, DO CFP @ 14,080' (25"). Cont RIH, tgd @ 14, 296', CO to 14,299', and lost one CTS circ pmp. Pmp 100 bbl gel sweep and POH. Inspect & function tst tls, WO pmp. Repls pmp, tst surf equip to 10K, gd tst. RIH w/same BHA, 1/4 bpm in 1/4 bpm out, circ @ 5,600 psig. Incr circ to 3.5 bpm 5,600 psig @ 12,020 (LT). RIH tg 4th CFP @ 14,420'. DO CFP @ 14,420' (20"). RIH tg 5th CFP @ 14,755'. DO CFP @ 14,755' (26"). RIH tg 6th CFP @ 15088'. POH w/ CT & BHA @ AV rate of 3.5 bpm. (93' FPM). TS @ 35' FS. Replace / repair Wood Group accumulator. Inspect & function tst tls, PT surface equipment 10,000 psig. RIH w/ CT & BHA. 500' EOT</p>



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Daily Operations

Start Date	Summary # 1
10/17/2010	5600 psig SICP. RIH w/CTS CTU coil conn, hyd jars, disconn, dual circ sub, mtr, 3.625" 4 bld mill on 2" CT. Brk circ @ 2.5 bpm 8200 psig @ 12,020 (LT). RIH tg 6th CFP @ 15,088' pmp rate set @ 3.5 bpm 8500 psig. 3.5 bpm measured return rate. DO 6th CFP @ 15,088' (25"). RIH tg and DO 7th CFP @ 15,440' (25"). RIH tg and DO 8th CFP @ 15,780' (25"). Pmp a 100 bbl gel sweep and POH w/ CT & BHA to LT. RIH tg and DO 9th CFP @ 16,120' (44"). RIH tg and DO 10th CFP @ 16,460' (38"). RIH tg and DO 11th CFP @ 16,790' (40"). Pmp a 100 bbl, followed by a 80 bbl gel sweeps, POH w/ CT & BHA @ AV rate of 3.5 bpm. (93' FPM). LD hyd jars, replace disconn, & MM. Inspect & rerun 3.625" 4 bld mill. PT surface equip. 9500 psig. Tstd gd. RIH w/ BHA on 2" CT.
10/18/2010	5,550 psig SICP. RIH w/CTS CTU coil conn, disconn, dual circ sub, mtr, 3.625" 4 bld mill on 2" CT. Brk circ @ 2.5 bpm 8200 psig @ 12,020 (LT). RIH tg 12th CFP @ 17,130' pmp rate set @ 3.5 bpm 8500 psig. 3.5 bpm measured return rate. DO 12th CFP @ 17,130' (32"). RIH tg and DO 13th CFP @ 17,480' (34"). Pmp a 100 bbl gel sweep and POH w/ CT & BHA to LT. C & C 100 bl sweep to surface. RIH w/CT & BHA to 14th. RIH tg and DO 14th CFP @ 17,820' (36"). RIH tg and DO 15th CFP @ 18,150' (11"). Cont to DO to PBDT @ 18,397'. Pmp a 300 bbl gel sweep, Circ well cln. POH w/CT, LD BHA. RDMO CTU. SWI & SDFN.
10/19/2010	SICP 5300 psig. Repair surface flwbk lines. PT Surface equipment to 10,000 psig. OWU 14:00hrs 10-20-2010. FCP 5200 psig. F. 0 BO, 147 BLW, 16hrs, FCP 5272-5200 psig, 8/64" ck. Rets of wtr. 204,871 BLWTR
10/20/2010	FCP 5100 psig. F. 0 BO, 277 BLW, 24hrs, FCP 5200 - 5100 psig, 8/64" ck. Rets of wtr. 204,594 BLWTR
10/21/2010	FCP 5,100 psig. F. 0 BO, 1,426 BLW, 24hrs, FCP 5,100 - 5,290 psig, 12/64" ck. Rets of gassy wtr. 203,168 BLWTR
10/22/2010	FCP 5,290 psig. F. 0 BO, 1,297 BLW, 24hrs, FCP 5,290 - 5,310 psig, 12/64" ck. Rets of gas & wtr. 201,871 BLWTR. Turned thru test unit @ 10 a.m., metering gas w/ 10' flare
10/23/2010	FCP 5,310 psig. F. 0 BO, 1,297 BLW, 24hrs, FCP 5,310 - 5,450 psig, 12/64" ck. Rets of gas & wtr. 201,871 BLWTR. Turned thru test unit @ 10 a.m., metering gas w/ 10' flare
10/24/2010	FCP 5,450 psig. F. 0 BO, 1,215 BLW, 24hrs, FCP 5,450 - 5,560- psig, 12/64" ck. Rets of gas & wtr. 200,455 BLWTR. Metering gas w/20' flare. Gas anal. done 4:00 pm. results forwarded.
10/25/2010	FCP 5,560 psig. F. 0 BO, 1,022 BLW, 24hrs, FCP 5,560 - 5,750 psig, 12/64" ck. Rets of gas & wtr, tr sd. 199,433 BLWTR. Metering gas w/20' flare.
10/26/2010	FCP 5,750 psig. F. 0 BO, 979 BLW, 24 hrs, FCP 5,750 - 5,870 psig, 12/64" ck. Rets of gas. wtr, tr sd. 198,454 BLWTR. Metering gas w/ 20' flare.
10/27/2010	FCP 5,870 psig. F. 0 BO, 914 BLW, 24 hrs, FCP 5,870 - 5,980 psig, 12/64" ck. Rets of gas. wtr, tr sd. 197,540 BLWTR. TURN TO SALES 14:00 HRS 10-27-2010.

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-29784
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:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: HILL CREEK
2. NAME OF OPERATOR: XTO ENERGY INC		8. WELL NAME and NUMBER: HCU 1-30F
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		9. API NUMBER: 43047403960000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0592 FNL 0570 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 10.0S 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: 4/11/2011 <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"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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 checked="" 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 type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
XTO Energy Inc. anticipates interim reclamation on this well to commence 04/11/2011. Please see the attached copy of seed mix changes per Vernal BLM.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 3/31/2011	

HCU 1-30F

Per a conversation between XTO and Karl Wright - VFO BLM, it has been decided that the following changes will be made to the seed mix that is required within the COA's for this location:

Siberian wheatgrass	Agropyron sibiricum	2 lbs./acre (was originally 3 lbs./ac)
Bottlebrush squirreltail	Sitanion hystrix	2 lbs./acre (was originally 3 lbs./ac)
Shadscale	Atriplex confertifolia	3 lbs./acre
forage kochia	Kochia prostrata	3 lbs./acre
scarlet globemallow	Spaeralcea coccinea	1 lbs./acre
Garner saltbrush	Atriplex gardneri	2 lbs./acre (new species to be added to mix)

All interim reclamation activities will be documented and turned into the BLM as part XTO's yearly monitoring program.

Interim Reclamation is anticipated to commence 04/11/2011.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-29784
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: HILL CREEK
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HCU 1-30F	
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047403960000	
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0592 FNL 0570 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 10.0S 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/6/2011	<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 checked="" 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 style="width: 100px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<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 type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. has completed interim reclamation 9/6/2011. Seed mix was drilled as per BLM recommendation.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 11/22/2011	



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>

IN REPLY REFER TO:
3160 – UTU76784X
(UT922000)

DEC 13 2012

RECEIVED
DEC 17 2012
DIV. OF OIL, GAS & MINING

Mr. Paul L. Keffer
XTO Energy Inc.
810 Houston Street
Fort Worth, Texas 76102-6298

Re: Non-Paying Well Determinations
Hill Creek Unit
Uintah County, Utah

Dear Mr. Keffer:

Pursuant to your requests of November 15, 2012, it has been determined by this office that under existing conditions the following wells are not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement:

API Number	Well Name	Surface Location	Comp. Date	Lease
4304739611	HCU 12-29F	NWSW 29 10.0 S 20.0 E SLB&M	12/02/2008	UTU28203
4304737444	HCU 15-33F	SWSE 33 10.0 S 20.0 E SLB&M	12/15/2008	1420H624782
4304740396	HCU 1-30F	NENE 30 10.0 S 20.0 E SLB&M	10/27/2010	UTU29784

All past and future production from the HCU 15-33F and the HCU 12-29F wells shall be handled and reported on a lease basis.

The HCU 1-30F has been drilled and completed with a horizontal lateral that produces from Federal Leases UTU30693 and UTU29784. In order to properly allocate production to the two leases, a Federal Communitization Agreement will be required. As discussed in our meeting on December 6, 2012, a spacing order from the Utah Board of Oil, Gas and Mining is required prior to our approval of any communitization agreement.

If you have any questions, please contact Mickey Coulthard of this office at (801) 539-4042.

Sincerely,

Roger L. Bankert
Chief, Branch of Minerals

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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7. UNIT or CA AGREEMENT NAME: HILL CREEK	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HCU 1-30F
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047403960000
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0592 FNL 0570 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 10.0S Range: 20.0E Meridian: S	COUNTY: Uintah
STATE: UTAH	

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/17/2016	<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 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 Inc. performed an Acid Treatment on this well per the following: 06/17/16: MIRU Pump truck. Pumped 52 bbls TPW, 1,750 gals 15% HCL w/additives & flushed w/52 bbls TPW. SWIFBUP. RDMO pump truck. RWTP 6/19/16.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 July 05, 2016

NAME (PLEASE PRINT) Rhonda Smith	PHONE NUMBER 505 333-3215	TITLE Regulatory Clerk
SIGNATURE N/A	DATE 7/5/2016	