

June 5, 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.

LCU 4-9H

Surface Location: 818' FNL & 1,140' FWL, NW/4 NW/4,
Target Location: 660' FNL & 660' FWL, NW/4 NW/4,
Section 9, T11S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of XTO Energy, Inc. Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced Tribal surface and BLM mineral directional well. The location of the surface and target location as well as all points along the intended well bore path are within Cause No. 259-01 and are not within 460 feet of any uncommitted tracts or the unit boundary. 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" - Directional Drilling Plan with Directional Survey
- Exhibit "E" - Surface Use Plan with APD Certification;
- Exhibit "F" - Typical BOP and Choke Manifold diagram;
- Exhibit "G" - Cultural and Paleontological Clearance Reports.

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

Sincerely,

Don Hamilton

Don Hamilton
Agent for XTO Energy, Inc.

cc: Diana Mason, Division of Oil, Gas and Mining
Bucky Secakuku, BIA - Uintah and Ouray Agency
Ken Secrest, XTO Energy, Inc.

RECEIVED

JUN 10 2008

DIV. OF OIL, GAS & MINING

FILE COPY

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-34350
5b. 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 Ute Indian Tribe
2. Name of Operator XTO Energy, Inc.		7. If Unit or CA Agreement, Name and No. Little Canyon Unit
3a. Address PO Box 1360; 978 North Crescent Roosevelt, UT 84066	3b. Phone No. (include area code) 435-722-4521	8. Lease Name and Well No. LCU 4-9H
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 818' FNL & 1,140' FWL, NW/4 NW/4, At proposed prod. zone 660' FNL & 660' FWL, NW/4 NW/4,		9. API Well No. 43047-40128
14. Distance in miles and direction from nearest town or post office* 14.40 miles south of Ouray, Utah		10. Field and Pbot, or Exploratory undesignated
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 140'	16. No. of acres in lease 640 acres	11. Sec., T. R. M. or Blk. and Survey or Area Section 9, T11S, R20E, SLB&M
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	17. Spacing Unit dedicated to this well 40 acres	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,115' GR	19. Proposed Depth 9,311' MD, 9,250' TVD	13. State UT
22. Approximate date work will start* 08/15/2008	20. BLM/BIA Bond No. on file 104312 789-BIA	23. Estimated duration 14 days

24. Attachments

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

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- 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 06/05/2008
-----------------------------------	---	---------------------------

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

Approved by (Signature) [Signature]	Name (Printed/Typed) BRADLEY G. HILL	Date 06-11-08
--	--	-------------------------

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.

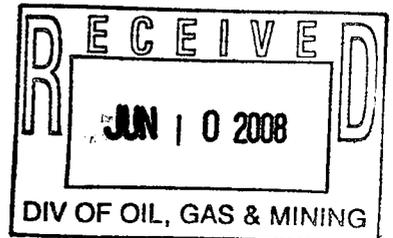
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

Surf
612146X
44150484
39.879964
-109.688540

BHL
611999X
44150734
39.880390
-109.690258

Federal Approval of this
Action is Necessary



NE COR. SEC. 4, C.C.
Set Marked Stone,
Pile of Stones

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

XTO ENERGY, INC.

Well location, LCU #4-9H, located as shown in the NW 1/4 NW 1/4 of Section 9, T11S, R20E, S.L.B.&M., Uintah County, Utah.

N 1/4 SEC. 8
Set Marked Stone,
Pile of Stones

SECTION CORNERS RE-ESTABLISHED
USING DOUBLE PROPORTION METHOD
(NOT SET ON GROUND)

S88°33'58"W - 2562.14' (Meas.)

S89°58'W - 2640.00' (G.L.O.)

S89°22'25"W - 2566.62' (Meas.)

N00°53'44"W - 2663.62' (Meas.)

Bottom Hole

660'

L1

1140'

LCU #4-9H

Elev. Ungraded Ground = 5115'

Set Marked Stone,
Pile of Stones

9

Set Marked Stone

N00°01'24"W - 2628.45' (Meas.)

Set Marked Stone

Set Stone

N89°39'57"W - 5332.21' (Meas.)

N00°02'W - 2640.00' (G.L.O.)

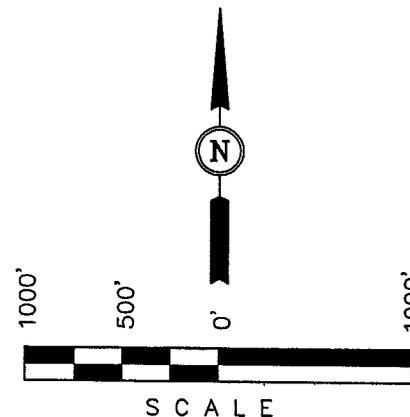
N03°58'40"W - 2656.12' (Meas.)

BASIS OF ELEVATION

SPOT ELEVATION LOCATED 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.

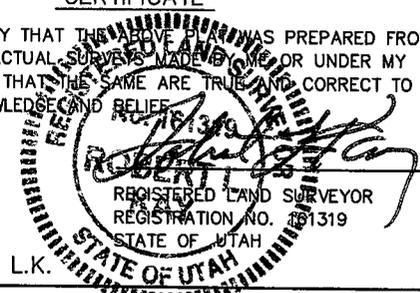
BASIS OF BEARINGS

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



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 BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 11-27-07 L.K.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED USING DOUBLE PROPORTION METHOD (NOT SET ON GROUND)

(NAD 83)

LATITUDE = 39°52'47.62" (39.879894)

LONGITUDE = 109°41'21.96" (109.689433)

(NAD 27)

LATITUDE = 39°52'47.75" (39.879931)

LONGITUDE = 109°41'19.47" (109.688742)

SCALE 1" = 1000'	DATE SURVEYED: 6-20-05	DATE DRAWN: 2-23-07
PARTY B.B. J.M. K.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE XTO ENERGY, INC.	



LCU 4-9H

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.

LCU 4-9H

APD Data

May 29, 2008

Location: 818' FNL & 1140' FWL, Sec. 9, T11S, R20E County: Uintah

State: Utah

Bottomhole Location: 660' FNL & 660' FWL, Sec. 9, T11S, R20E

GREATEST PROJECTED TD: 9311' MD/9250' TVD
APPROX GR ELEV: 5115'

OBJECTIVE: Wasatch/Mesaverde
Est KB ELEV: 5129' (14' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 2255'	2255' to 9311'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.80	8.6-9.2
VISCOSITY	NC	30-60
WATER LOSS	NC	8-15

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

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at ±2255'MD/2200'TVD in a 12.25" hole filled with 8.8 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'-2255'	2255'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.57	4.47	4.85

Production Casing: 5.5" casing set at ±9311'MD/9250'TVD in a 7.875" hole filled with 9.20 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'-9311'	9311'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.79	2.21	2.20

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 (or equiv.), ST&C casing to be set at ±2255' in 12.25" hole.

LEAD:

±223 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft³/sk, 22.95 gal wtr/sx.

TAIL:

350 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

Total estimated slurry volume for the 9.625" surface casing is 1270.2 ft³. Slurry includes 75% excess of calculated open hole annular volume to 2255'.

B. **Production:** 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9311' in 7.875" hole.

LEAD:

±307 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.10 ft³/sk, 17.71 gal wtr/sx.

TAIL:

400 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.49 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 1546.2 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 string. The production casing is designed for 1755' top of cement.

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 (9311') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9311') to 2255'. Run Gamma Ray to surface.

6. FORMATION TOPS:

Please see attached directional plan.

7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

Formation	Expected Fluids	TV Depth Top
Green River	Water/Oil Shale	519
Mahogany Bench Mbr.	Water/Oil Shale	1,310
Wasatch Tongue	Oil/Gas/Water	3,274
Green River Tongue	Oil/Gas/Water	3,614
Wasatch*	Gas/Water	3,764
Chapita Wells*	Gas/Water	4,634
Uteland Buttes	Gas/Water	5,854
Mesaverde*	Gas/Water	6,524
Castlegate	Gas/Water	9,334

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

C. There are no known potential sources of H₂S.

D. The bottomhole pressure is anticipated to be between 4200 psi and 4600 psi.

E. According to the USGS, the Base of Moderately Saline Water is at 3909'.

8. BOP EQUIPMENT:

Surface will not utilize a bop stack.

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

Minimum specifications for pressure control equipment are as follows:

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

Ram type preventers and associated equipment shall be tested to 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	



Well Name: LCU 4-9H

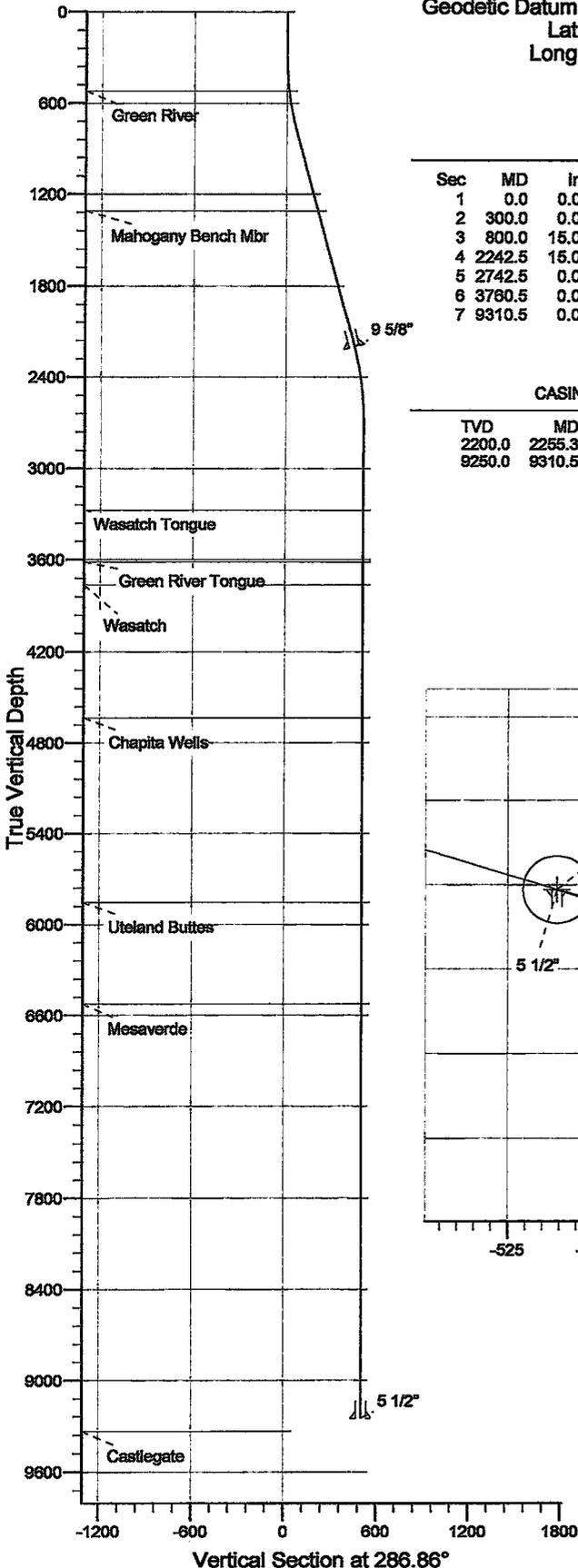
San Juan Basin
Drilling Department

Calculation Method: Minimum Curvature
Geodetic Datum: North American Datum 1983
Lat: 39° 52' 47.618 N
Long: 109° 41' 21.959 W



Azimuths to True North
Magnetic North: 11.51°

Magnetic Field
Strength: 52565.3nT
Dip Angle: 65.82°
Date: 5/19/2008
Model: IGRF200510



SECTION DETAILS

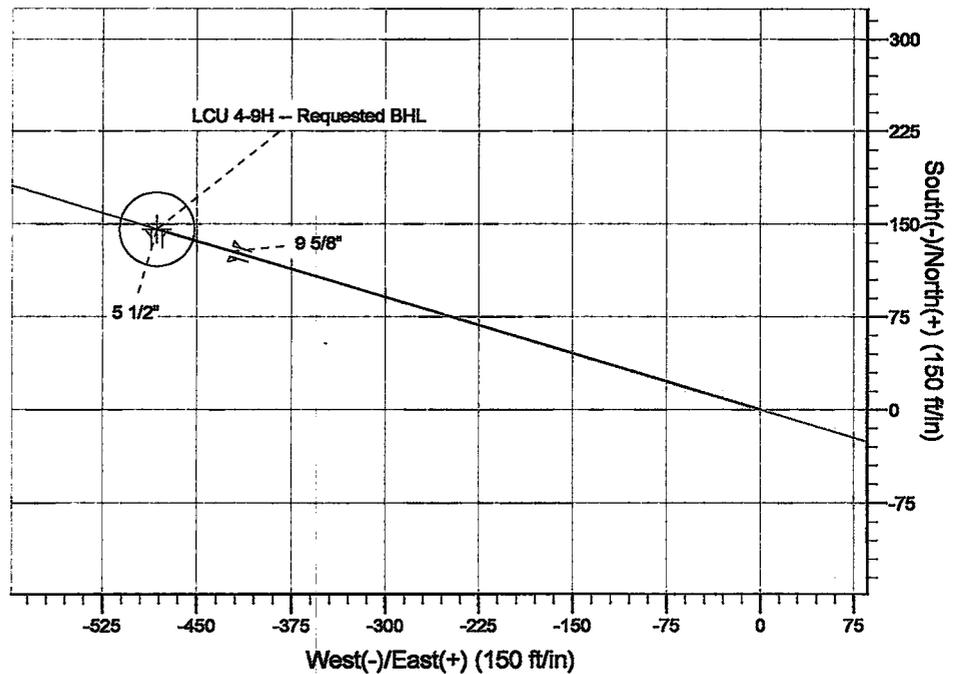
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	800.0	15.00	286.86	794.3	18.9	-62.3	3.00	286.86	65.1	
4	2242.5	15.00	286.86	2187.7	127.2	-419.6	0.00	0.00	438.4	
5	2742.5	0.00	0.00	2682.0	146.0	-481.9	3.00	180.00	503.5	
6	3780.5	0.00	0.00	3700.0	146.0	-481.9	0.00	0.00	503.5	LCU 4-9H -- Requested BHL
7	9310.5	0.00	0.00	9250.0	146.0	-481.9	0.00	0.00	503.5	

CASING DETAILS

TVD	MD	Name	Size
2200.0	2255.3	9 5/8"	9-5/8
9250.0	9310.5	5 1/2"	5-1/2

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
519.0	519.5	Green River
1310.0	1333.9	Mahogany Bench Mbr
3274.0	3334.5	Wasatch Tongue
3614.0	3674.5	Green River Tongue
3764.0	3824.5	Wasatch
4634.0	4694.5	Chapita Wells
5854.0	5914.5	Uteland Buttes
6524.0	6584.5	Mesaverde



XTO Energy

Natural Buttes Wells(NAD83)

LCU 4-9H

LCU 4-9H

LCU 4-9H

Plan: Permitted Wellbore

Standard Planning Report

19 May, 2008

XTO Energy, Inc.
Planning Report

Database: EDM 2003.14 Single User Db
Company: XTO Energy
Project: Natural Buttes Wells(NAD83)
Site: LCU 4-9H
Well: LCU 4-9H
Wellbore: LCU 4-9H
Design: Permitted Wellbore

Local Co-ordinate Reference: Well LCU 4-9H
TVD Reference: Rig KB @ 5129.0ft (Frontier #6)
MD Reference: Rig KB @ 5129.0ft (Frontier #6)
North Reference: True
Survey Calculation Method: Minimum Curvature

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	LCU 4-9H, T11S, R20E				
Site Position:		Northing:	3,120,917.58 ft	Latitude:	39° 52' 47.618 N
From:	Lat/Long	Easting:	2,148,643.37 ft	Longitude:	109° 41' 21.959 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.19 °

Well	LCU 4-9H, S-Well to Wasatch/Mesaverde					
Well Position	+N/-S	0.0 ft	Northing:	3,120,917.58 ft	Latitude:	39° 52' 47.618 N
	+E/-W	0.0 ft	Easting:	2,148,643.37 ft	Longitude:	109° 41' 21.959 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,115.0 ft	Ground Level:	5,115.0 ft

Wellbore	LCU 4-9H				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	5/19/2008	11.51	65.82	52,565

Design	Permitted Wellbore			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	286.86

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	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
800.0	15.00	286.86	794.3	18.9	-62.3	3.00	3.00	0.00	286.86	
2,242.5	15.00	286.86	2,187.7	127.2	-419.6	0.00	0.00	0.00	0.00	
2,742.5	0.00	0.00	2,682.0	146.0	-481.9	3.00	-3.00	0.00	180.00	
3,760.5	0.00	0.00	3,700.0	146.0	-481.9	0.00	0.00	0.00	0.00	LCU 4-9H -- Request
9,310.5	0.00	0.00	9,250.0	146.0	-481.9	0.00	0.00	0.00	0.00	

XTO Energy, Inc.

Planning Report

Database: EDM 2003.14 Single User Db
Company: XTO Energy
Project: Natural Buttes Wells(NAD83)
Site: LCU 4-9H
Well: LCU 4-9H
Wellbore: LCU 4-9H
Design: Permitted Wellbore

Local Co-ordinate Reference: Well LCU 4-9H
TVD Reference: Rig KB @ 5129.0ft (Frontier #6)
MD Reference: Rig KB @ 5129.0ft (Frontier #6)
North Reference: True
Survey Calculation Method: Minimum Curvature

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	3.00	286.86	400.0	0.8	-2.5	2.6	3.00	3.00	0.00	
500.0	6.00	286.86	499.6	3.0	-10.0	10.5	3.00	3.00	0.00	
519.5	6.58	286.86	519.0	3.7	-12.1	12.6	3.00	3.00	0.00	
Green River										
600.0	9.00	286.86	598.8	6.8	-22.5	23.5	3.00	3.00	0.00	
700.0	12.00	286.86	697.1	12.1	-39.9	41.7	3.00	3.00	0.00	
800.0	15.00	286.86	794.3	18.9	-62.3	65.1	3.00	3.00	0.00	
900.0	15.00	286.86	890.9	26.4	-87.0	91.0	0.00	0.00	0.00	
1,000.0	15.00	286.86	987.5	33.9	-111.8	116.8	0.00	0.00	0.00	
1,100.0	15.00	286.86	1,084.1	41.4	-136.6	142.7	0.00	0.00	0.00	
1,200.0	15.00	286.86	1,180.7	48.9	-161.4	168.6	0.00	0.00	0.00	
1,300.0	15.00	286.86	1,277.3	56.4	-186.1	194.5	0.00	0.00	0.00	
1,333.9	15.00	286.86	1,310.0	59.0	-194.5	203.3	0.00	0.00	0.00	
Mahogany Bench Mbr										
1,400.0	15.00	286.86	1,373.9	63.9	-210.9	220.4	0.00	0.00	0.00	
1,500.0	15.00	286.86	1,470.5	71.4	-235.7	246.3	0.00	0.00	0.00	
1,600.0	15.00	286.86	1,567.0	78.9	-260.4	272.1	0.00	0.00	0.00	
1,700.0	15.00	286.86	1,663.6	86.4	-285.2	298.0	0.00	0.00	0.00	
1,800.0	15.00	286.86	1,760.2	93.9	-310.0	323.9	0.00	0.00	0.00	
1,900.0	15.00	286.86	1,856.8	101.4	-334.7	349.8	0.00	0.00	0.00	
2,000.0	15.00	286.86	1,953.4	109.0	-359.5	375.7	0.00	0.00	0.00	
2,100.0	15.00	286.86	2,050.0	116.5	-384.3	401.5	0.00	0.00	0.00	
2,200.0	15.00	286.86	2,146.6	124.0	-409.1	427.4	0.00	0.00	0.00	
2,242.5	15.00	286.86	2,187.7	127.2	-419.6	438.4	0.00	0.00	0.00	
2,255.3	14.62	286.86	2,200.0	128.1	-422.7	441.7	3.00	-3.00	0.00	
9 5/8"										
2,300.0	13.27	286.86	2,243.4	131.2	-433.0	452.5	3.00	-3.00	0.00	
2,400.0	10.27	286.86	2,341.3	137.1	-452.5	472.9	3.00	-3.00	0.00	
2,500.0	7.27	286.86	2,440.1	141.6	-467.1	488.1	3.00	-3.00	0.00	
2,600.0	4.27	286.86	2,539.6	144.5	-476.8	498.2	3.00	-3.00	0.00	
2,700.0	1.27	286.86	2,639.5	145.9	-481.4	503.0	3.00	-3.00	0.00	
2,742.5	0.00	0.00	2,682.0	146.0	-481.9	503.5	3.00	-3.00	0.00	
2,800.0	0.00	0.00	2,739.5	146.0	-481.9	503.5	0.00	0.00	0.00	
2,900.0	0.00	0.00	2,839.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,000.0	0.00	0.00	2,939.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,100.0	0.00	0.00	3,039.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,200.0	0.00	0.00	3,139.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,300.0	0.00	0.00	3,239.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,334.5	0.00	0.00	3,274.0	146.0	-481.9	503.5	0.00	0.00	0.00	
Wasatch Tongue										
3,400.0	0.00	0.00	3,339.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,500.0	0.00	0.00	3,439.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,600.0	0.00	0.00	3,539.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,674.5	0.00	0.00	3,614.0	146.0	-481.9	503.5	0.00	0.00	0.00	
Green River Tongue										
3,700.0	0.00	0.00	3,639.5	146.0	-481.9	503.5	0.00	0.00	0.00	
3,760.5	0.00	0.00	3,700.0	146.0	-481.9	503.5	0.00	0.00	0.00	
LCU 4-9H -- Requested BHL										
3,800.0	0.00	0.00	3,739.5	146.0	-481.9	503.5	0.00	0.00	0.00	

XTO Energy, Inc.

Planning Report

Database: EDM 2003.14 Single User Db
Company: XTO Energy
Project: Natural Buttes Wells(NAD83)
Site: LCU 4-9H
Well: LCU 4-9H
Wellbore: LCU 4-9H
Design: Permitted Wellbore

Local Co-ordinate Reference: Well LCU 4-9H
TVD Reference: Rig KB @ 5129.0ft (Frontier #6)
MD Reference: Rig KB @ 5129.0ft (Frontier #6)
North Reference: True
Survey Calculation Method: Minimum Curvature

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)	
3,824.5	0.00	0.00	3,764.0	146.0	-481.9	503.5	0.00	0.00	0.00	
Wasatch										
3,900.0	0.00	0.00	3,839.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,000.0	0.00	0.00	3,939.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,100.0	0.00	0.00	4,039.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,139.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,239.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,339.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,439.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,539.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,694.5	0.00	0.00	4,634.0	146.0	-481.9	503.5	0.00	0.00	0.00	
Chapita Wells										
4,700.0	0.00	0.00	4,639.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,739.5	146.0	-481.9	503.5	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,839.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,939.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,039.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,139.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,239.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,339.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,439.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,539.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,639.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,739.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,839.5	146.0	-481.9	503.5	0.00	0.00	0.00	
5,914.5	0.00	0.00	5,854.0	146.0	-481.9	503.5	0.00	0.00	0.00	
Uteland Buttes										
6,000.0	0.00	0.00	5,939.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,039.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,139.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,239.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,339.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,439.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,584.5	0.00	0.00	6,524.0	146.0	-481.9	503.5	0.00	0.00	0.00	
Mesaverde										
6,600.0	0.00	0.00	6,539.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,639.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,739.5	146.0	-481.9	503.5	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,839.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,939.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,039.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,139.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,239.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,339.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,439.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,539.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,639.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,739.5	146.0	-481.9	503.5	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,839.5	146.0	-481.9	503.5	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,939.5	146.0	-481.9	503.5	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,039.5	146.0	-481.9	503.5	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,139.5	146.0	-481.9	503.5	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,239.5	146.0	-481.9	503.5	0.00	0.00	0.00	

XTO Energy, Inc.
Planning Report

Database: EDM 2003.14 Single User Db
Company: XTO Energy
Project: Natural Buttes Wells(NAD83)
Site: LCU 4-9H
Well: LCU 4-9H
Wellbore: LCU 4-9H
Design: Permitted Wellbore

Local Co-ordinate Reference: Well LCU 4-9H
TVD Reference: Rig KB @ 5129.0ft (Frontier #6)
MD Reference: Rig KB @ 5129.0ft (Frontier #6)
North Reference: True
Survey Calculation Method: Minimum Curvature

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)
8,400.0	0.00	0.00	8,339.5	146.0	-481.9	503.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,439.5	146.0	-481.9	503.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,539.5	146.0	-481.9	503.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,639.5	146.0	-481.9	503.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,739.5	146.0	-481.9	503.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,839.5	146.0	-481.9	503.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,939.5	146.0	-481.9	503.5	0.00	0.00	0.00
9,100.0	0.00	0.00	9,039.5	146.0	-481.9	503.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,139.5	146.0	-481.9	503.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,239.5	146.0	-481.9	503.5	0.00	0.00	0.00
9,310.5	0.00	0.00	9,250.0	146.0	-481.9	503.5	0.00	0.00	0.00
5 1/2"									

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LCU 4-9H -- Requested - plan hits target - Circle (radius 30.0)	0.00	0.00	3,700.0	146.0	-481.9	3,121,053.54	2,148,158.58	39° 52' 49.061 N	109° 41' 28.138 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,255.3	2,200.0	9 5/8"	9-5/8	12-1/4
9,310.5	9,250.0	5 1/2"	5-1/2	7-7/8

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
519.5	519.0	Green River		0.00	
1,333.9	1,310.0	Mahogany Bench Mbr		0.00	
3,334.5	3,274.0	Wasatch Tongue		0.00	
3,674.5	3,614.0	Green River Tongue		0.00	
3,824.5	3,764.0	Wasatch		0.00	
4,694.5	4,634.0	Chapita Wells		0.00	
5,914.5	5,854.0	Uteland Buttes		0.00	
6,584.5	6,524.0	Mesaverde		0.00	
	9,334.0	Castlegate		0.00	

SURFACE USE PLAN

Name of Operator: XTO Energy, Inc.
Address: P.O. Box 1360; 978 North Crescent
Roosevelt, Utah 84066
Well Location: LCU 4-9H
Surface Location: 818' FNL & 1,140' FWL, NW/4 NW/4,
Target Location: 660' FNL & 660' FWL, NW/4 NW/4,
Section 9, T11S, R20E, SLB&M, Uintah County, Utah

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

The onsite inspection for the referenced well was conducted on Wednesday, May 16, 2007 at approximately 11:00 am. In attendance at the onsite inspection were the following individuals:

Kermit Wopsock	Energy & Minerals Tech	Ute Indian Tribe
Shawnee Guzman	BIA Tech	BIA – Uintah and Ouray Agency
Ken Secrest	Regulatory Coordinator	XTO Energy, Inc.
Dale Birdwell	HSE Coordinator	Dominion E & P, Inc.
Don Allred	Surveyor	Uintah Engineering and Land Surveyi
Randy Jackson	Foreman	Jackson Construction
Billy McClure	Foreman	LaRose Construction
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. Location of Existing Roads:

- a. The proposed well site is located approximately 14.40 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 Little Canyon 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 Little Canyon Unit area.

2. Planned Access Roads:

- a. From the proposed LCU 6-9H pad located on BLM surface an access is proposed trending northwest approximately 0.25 miles along new disturbance to the proposed well site. The access crosses no significant drainages.
- b. The access crosses approximately 900' of BLM surface and approximately 350' of Ute Indian Tribe surface prior to entering the pad location also on Ute Indian Tribe surface.
- c. A road design plan is not anticipated at this time.
- d. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across both BLM and Ute Indian Tribe surface.
- e. BLM approval to construct and utilize the proposed access road is requested with this application, Ute Indian Tribe surface use is presently in place as H62-2007-203.
- f. A maximum grade of 10% will be maintained throughout the project.
- g. No turnouts are proposed since adequate site distance exists in all directions.
- h. No low-water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- i. No surfacing material will come from federal or Indian lands.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel will be limited to the approved location access road.
- l. 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).
- m. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

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

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

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

- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A pipeline corridor containing a single steel gas pipeline and a single steel or poly pipe water pipeline is associated with this application and is being applied for at this time. The proposed pipeline corridor will leave the south side of the well site and traverse 1,200' southeast to the proposed LCU 6-9H pipeline corridor.
- i. XTO Energy, Inc. also requests permission to upgrade the proposed pipeline corridor to contain a single steel gas pipeline and a single steel or poly pipe water pipeline within the previously approved pipeline corridor and traverse between the proposed LCU 6-9H pad and the LCU 15-9H pipeline corridor.
- j. The new and upgraded segments of the gas pipeline will be a 12" or less buried line and the water pipeline will be a 12" or less buried line within a 45' wide disturbed pipeline corridor.
- k. Construction of the pipeline corridor will temporarily utilize the 30' disturbed width for the road for a total disturbed width of 75' for the road and pipeline corridors. The use of the proposed well site and access roads will facilitate the staging of the pipeline corridor construction.
- l. XTO Energy, Inc. intends to bury the pipeline where possible and connect the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

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

6. Source of Construction Material:

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

7. Methods of Handling Waste:

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

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

8. Ancillary Facilities:

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

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the south.
- c. The pad and road designs are consistent with BLM and Ute Indian Tribe specifications.
- d. A pre-construction meeting with responsible company representative, contractors, Ute Indian Tribe 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 Ute Indian Tribe, 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 Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Energy & Minerals Department, P.O. Box 190, Fort Duchesne, Utah 84026; 435-725-4950
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

a. Operators Contact Information:

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

- b. 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 has conducted a paleontological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- d. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.
 - c. **The access road and pipeline corridors were relocated during the onsite inspection to avoid potential T&E plant habitat.**
 - d. **The pit will be constructed with a double-felt liner to help minimize the opportunity for puncture.**

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 BIA bond 104312 789-BIA. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 5th day of June, 2008.

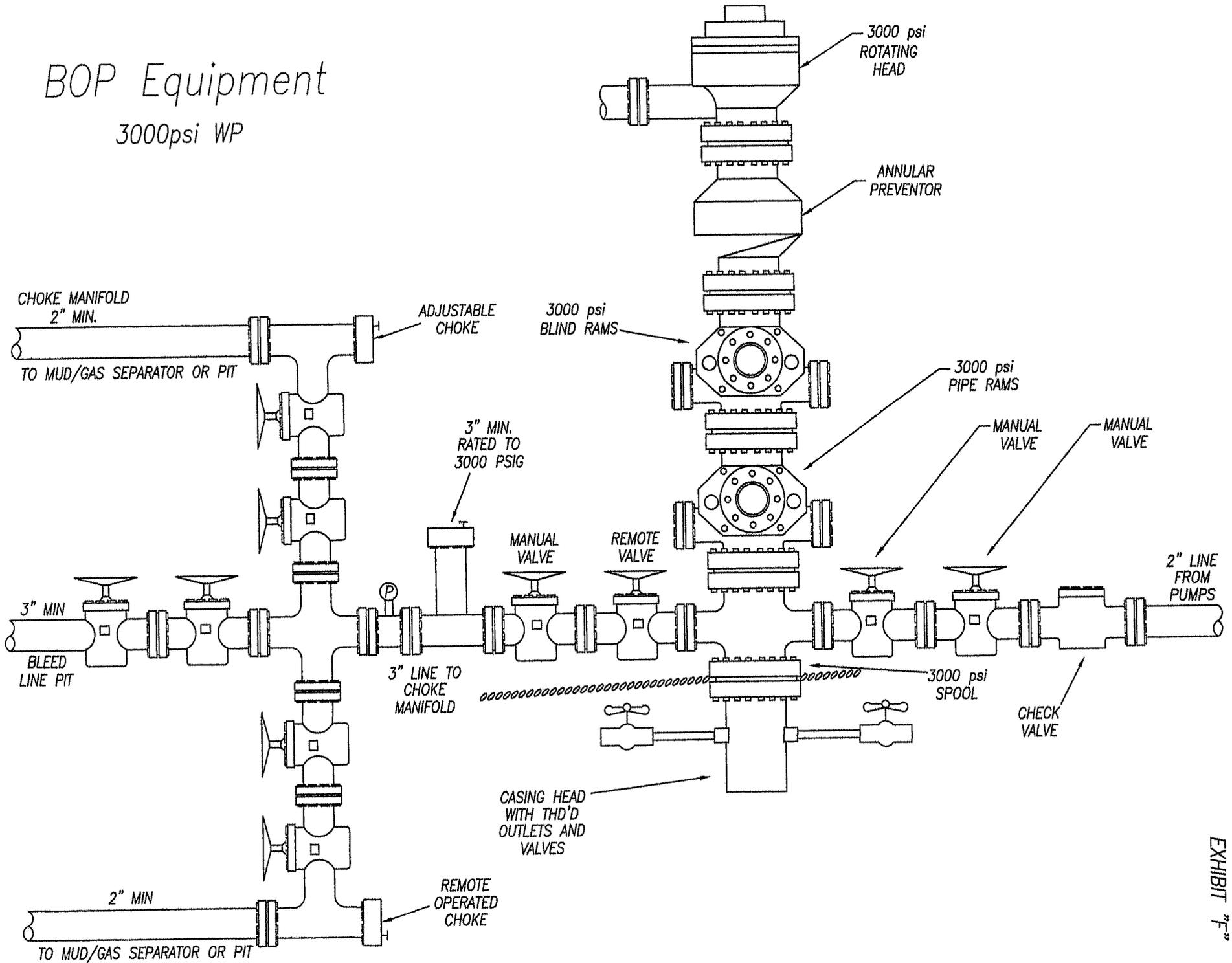
Don Hamilton

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

435-719-2018
starpoint@etv.net

BOP Equipment

3000psi WP



**Dominion Exploration & Production:
Little Canyon Unit #4-9H;
A Cultural Resource Inventory for a well pad
its access and flowline,
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-05-AY-276(b,i)

August 26, 2005

Table of Contents

Table of Contents - - - - - i
List of Figures - - - - - ii
Introduction - - - - - 1
File Search - - - - - 1
Environment - - - - - 3
Little Canyon Unit #4-9H - - - - - 4
Field Methods - - - - - 6
Results - - - - - 7
Recommendations - - - - - 7
References Cited - - - - - 8

List of Figures

- Figure 1. Location of the Dominion Exploration and Production Inc. proposed Little Canyon Unit (LCU) #4-9H well, its access and pipeline on 7.5'/1968 USGS quadrangle maps Big Pack Mountain and Big Pack Mountain NW, Uintah County, Utah. - - - - - 2
- Figure 2. View to east at the proposed Little Canyon Unit (LCU) #4-9H well centerstake and well pad area. - - - - - 4
- Figure 4. Oblique view of colluvial sediments on and surrounding the proposed Little Canyon Unit #4-9H centerstake and well pad.- - - - - 5

Introduction

An Independent Archaeologist (AIA), was contacted by a representative of Dominion Exploration & Production, to conduct a cultural resources survey investigation of the proposed Little Canyon Unit (LCU) #4-9H well location, its access and flowline. The location of the LCU #4-9H well pad is in the NW/NW 1/4 of Section 9, T11S, R20E, Uintah County, Utah (Figure 1).

The proposed Little Canyon Unit (LCU) #4-9H well centerstake footage is 818' FNL, 1140' FWL. The Universal Transverse Mercator (UTM) centroid coordinate for the proposed LCU #4-9H well centerstake is Zone 12, North American Datum (NAD) 83, 06/12/067.22 mE 44/15/250.31 mN +5m.

From the existing Hill Creek road, the proposed access and pipeline trend 6200 feet (1631.5 m) east then north to the proposed LCU #4-9H well pad. The proposed access and pipeline cross through the C/E 1/2 of Section 8 of T10S R20E (Figure 1). The proposed access road located in Section 8 of T11S R20E will also serve as the main Hill Creek access to this western portion of the Little Canyon Unit.

The land surface and minerals in the C 1/2 of Section 8 and the NW/NW 14 of Section 9 of T11S R20E is administered by the U.S. Department of Interior (DOI), Bureau of Indian Affairs (BIA), Phoenix Area Office, Uintah-Ouray Agency and the Uintah-Ouray Ute Tribe. The land surface and minerals in the SE/NE 1/4 of Section 8 and SW/NW 1/4 of Section 9 of T11S R20E is administered by the United States (US), Department of Interior (DOI), Utah Bureau of Land Management (BLM), Vernal District Office, Book Cliffs Resource Area. A total of 38.4 acres (10 block, 28.4 linear) was surveyed.

The field work was conducted on August 10, 2005 by AIA archaeologist James Truesdale (Owner/Principal Investigator). AIA personnel were accompanied by Mr. Dustin Nephi (Technician, Energy and Minerals Department, Uintah-Ouray Ute Tribe). All the field notes and maps are located in the AIA office in Laramie, Wyoming.

File Search

A file search was conducted by the Utah Division of State History (UDSH), Antiquities Section, Records Division in April 11, 2005 and at the Vernal BLM office in May of 2005 by the author. In addition, a update of AIA's USGS 7.5'/1968 quadrangle maps Big Pack Mountain, Big Pack Mountain NW, Big Pack Mountain NE, Big Pack Mountain SE, and Moon Bottom maps from the UDSH's Big Pack Mountain, Big Pack Mountain NW, Big Pack Mountain NE, Big Pack Mountain SE, and Moon Bottom maps occurred on November 8, 2003 and again on February 3, 2004. The UDSH SHPO GIS files search indicates that no projects and/or cultural materials have been previously recorded in the immediate project area. Review of AIA

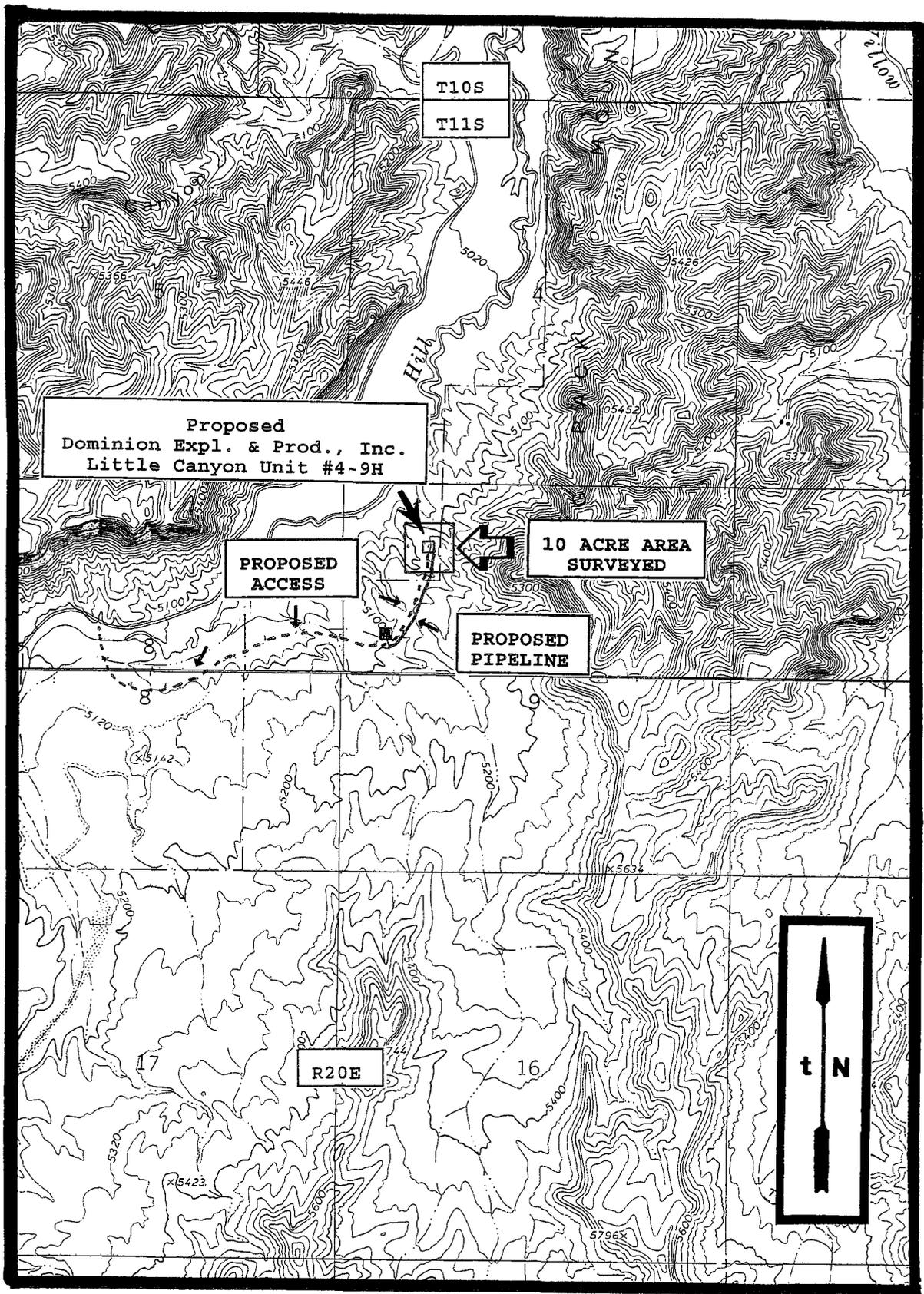


Figure 1. Location of the Dominion Exploration & Production, Inc. proposed Little Canyon Unit #4-9H well, its access and pipeline on 7.5'/1968 USGS quadrangle maps Big Pack Mountain NW and Big Pack Mountain, Uintah County, Utah.

records and maps concurs with the UDSH SHPO GIS files search.

Environment

Physiographically, the project is located in the Uinta Basin, eighteen miles south of Ouray, Utah. A portion of the Hill Creek Unit is situated east of Hill Creek and 1 mile northeast of Jim Little Canyon. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:325). The Uinta Basin is a large, relatively flat, bowl shaped, east-west asymmetrical syncline near the base of the Uinta Mountains (Stokes 1986:231). The topography is characterized as having sloping surfaces which incline northward that are mainly dip slopes on the harder layers of Green River and Uinta Formations. A thick section of more than 9000 feet (2743.9 m) of early Tertiary rocks are exposed (Childs 1950). These rocks are mainly Paleocene and Eocene in age and consist of sandstone, clay and shale lacustrine, fluvial, and deltaic continental deposits, most famous of which are the lacustrine Green River Beds.

The immediate project area is situated in the desert badlands landscape located along the western slope of Big Pack Mountain adjacent immediately east of Hill Creek. These desert badlands are dominated by hills, ridges and knolls with exposed and eroding Uintah formation sandstone, clay and shale. These hills, ridges and knolls are dissected by small ephemeral drainage washes. Sediments in this portion of the Little Canyon Unit are colluvial in nature and consist of shallow (<5 cm), poorly sorted, loosely compacted, tan to light brown, grey to grayish brown, sandy clay loam, mixed with tiny to small angular pieces of sandstone, clay and shale. In the drainages, the colluvium is mixed with rounded to sub-rounded, flat, fluvial gravel. Portions of the desert hardpan (slickrock) and exposed and eroding clay and shale bedrock in this portion of the Little Canyon Unit may be covered with aeolian sand which can reach a depth between 50 to 100 centimeters.

Vegetation in this portion of the Little Canyon Unit adjacent to Hill Creek is characteristic of a low sagebrush community with shadscale and greasewood. Species observed in the project area include; wax current (Ribes cerum), serviceberry (Amelanchier utahensis), mountain mahogany (Cercocarpus sp.), chokecherry (Prunus sp.), shadscale (Atriplex confertifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus), big sagebrush (Artemesia tridentata), budsage (Artemesia spinescens), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), wild buckwheat (Erigonum ovvalifolium), desert trumpet (Erigonum inflatum), yellow cryptantha (Cryptantha flava), western pink vervain (Verbana ambrosifolia), long-leaved phlox (Phlox longifolia), crescent milkvetch (Astragalus amphioxys), desert globemallow (Bromus tectorum), peppergrass (Lepidium perfoliatum), Russian thistle (Salsola kali), and prickly pear cactus (Opuntia spp.). In addition, a riparian community dominated

by tall greasewood and salt cedar (tamerix) may be found along Hill Creek 1 mile to the west.

Little Canyon Creek (LCU) #4-9H

The immediate proposed Little Canyon Creek (LCU) #4-9H well is situated on small bench located on an east to west trending ridge (Figure 2). The bench and ridge surface, surrounding the proposed well pad, is dominated by exposed and eroding sandstone, clay and shale bedrock. Sediments on the well pad are sparse and colluvial in nature. These colluvial deposits consist of poorly sorted, loosely compacted, white, tan to light brown, sandy clay loam, mixed with tiny to small, flat angular pieces of sandstone, clay and shale gravel (Figure 3). Observation of eroding slopes, cutbanks, and rodent burrow holes indicates that these colluvial deposits are shallow (<5 cm). Vegetation is sparse and consists of low sagebrush, budsage, saltbush, rabbitbrush, crescent wheatgrass, indian ricegrass, cheatgrass, Russian thistle, halogetin, and prickly pear cactus. The well elevation is 6504.24 feet (1983 m) AMSL.

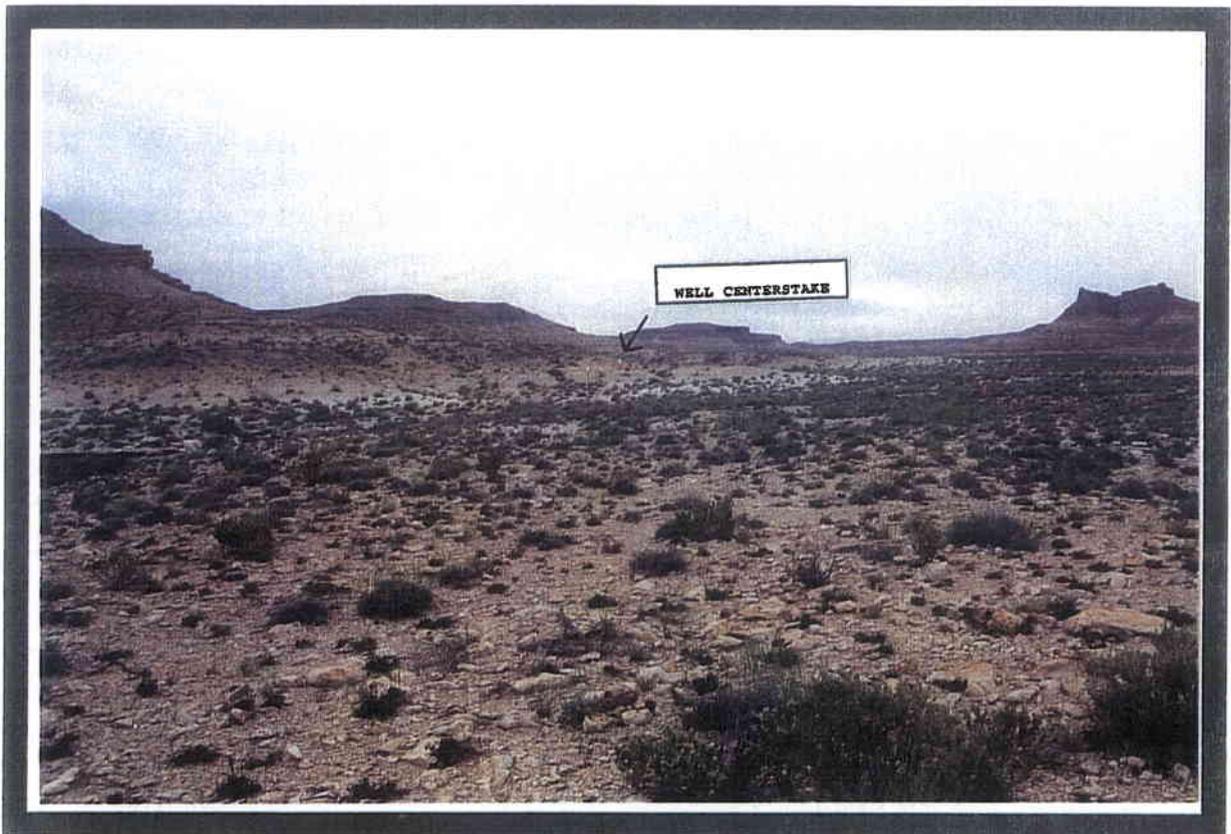


Figure 3. View to east at the proposed Little Canyon Unit (LCU) #4-9H well centerstake and well pad area.

From the existing Hill Creek road, the proposed access and pipeline trends east then north 6200 feet (1631.5 m) to the

proposed LCU #4-9H well pad. From the Hill Creek road, the access and pipeline cross Hill Creek and trends south across the Hill Creek floodplain 1000 feet (304.8 m). The access and pipeline then turn east and continue 3500 feet (1067.07 m) across the southern portion of side of the Hill Creek floodplain to the existing LCU #6-9H well. At the LCU #6-9H well pad, the access and pipeline continue an additional 1700 feet (518.2 m) north to the proposed LCU #4-9H well pad.

The access and pipeline cross approximately 4500 feet (1371.95 m) the Hill Creek floodplain. The floodplain is covered by salt cedar (tamarix), tall greasewood, and big sagebrush. Sediments along the floodplain consist deep (>3 m), silty sand, silty sand, loamy clay and clay lenses mixed with bands of fluvial gravel.

As the access and pipeline trend onto the low benches and ridges adjacent to immediately east of the Hill Creek floodplain consist of white, grey, tan to light grayish brown, poorly sorted, loosely compacted, sandy clay loam colluvium mixed angular pieces of sandstone, clay and shale. Exposed and eroding sandstone, clay and shale bedrock dominate the access and pipeline corridor.

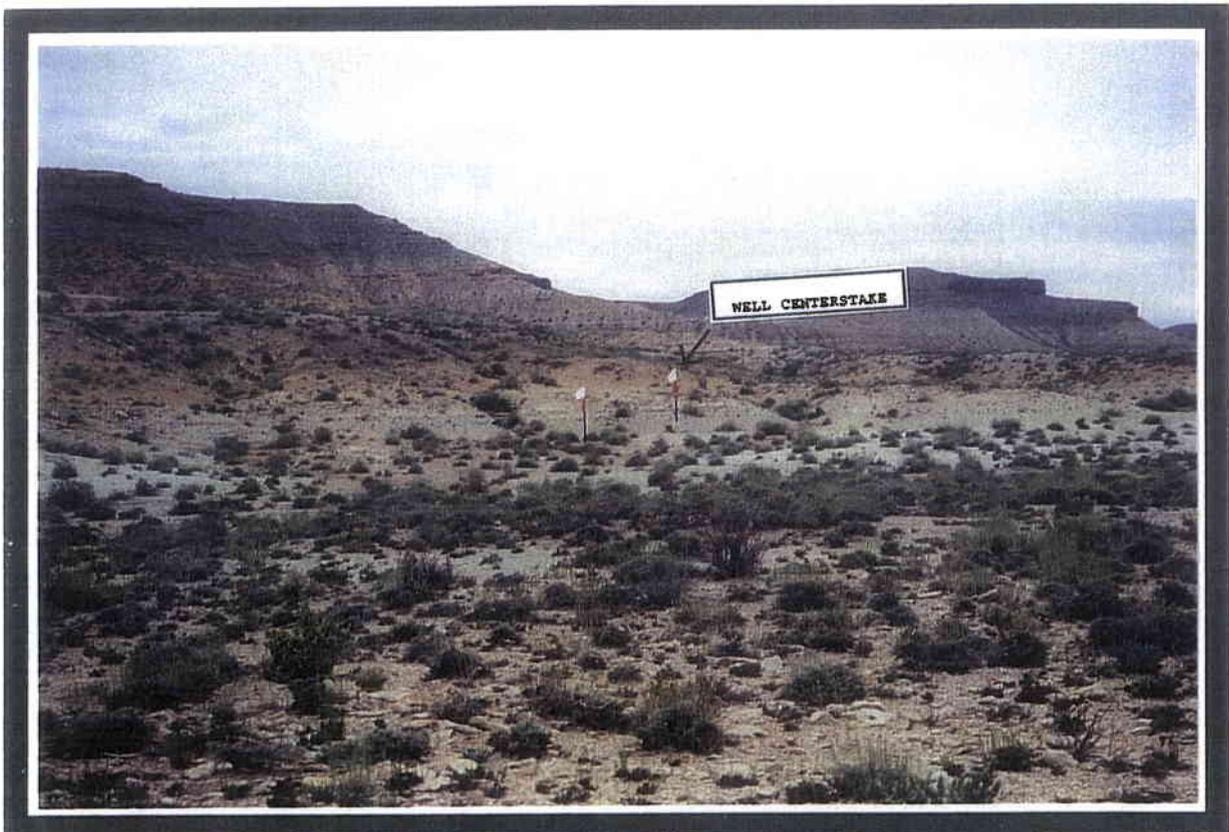


Figure 4. Oblique view of colluvial/fluvial sediments on and surrounding the proposed Little Canyon Unit #3-9H centerstake and well pad.

Vegetation on these benches and ridges, along the access and

pipeline, is characteristic of a low sagebrush community with saltbush and greasewood. Species identified along the access and pipeline consist of low sagebrush, budsage, saltbush, bunchgrasses (wheatgrass, cheatgrass, indian rice-grass), prickly pear cactus, with greasewood found in the bottom of the drainage wash.

The general project area has been trampled by cattle and sheep. In addition, the ephemeral drainage washes and colluvial talus slopes have been heavily impacted by White Tailed Prairie Dog (Cynomys sp.) activity (burrows and holes, mounds).

Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed LCU #4-9H well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 and 20 meters apart. The proposed access and pipeline parallel each other. Each of the linear corridors is 6200 feet (1631.5 m) long and 100 feet (30.4 m) wide, 14.2 acres. Thus, 28.4 linear acres was surveyed.

Geologic landforms (rockshelters, alcoves, ridge tops and saddles) and areas of subsurface exposure (ant hills, blowouts, rodent holes and burrow, eroding slopes and cutbanks) were examined with special care in order to locate cultural resources (sites, isolates) and possibly help assess a site's sedimentary integrity and potential for the presence and/or absence of buried intact cultural deposits. The entire surface area of ridge tops were covered. All exposures of sandstone cliff faces, alcoves or rockshelter, and talus slopes were surveyed.

When cultural materials are discovered, a more thorough survey of the immediate vicinity is conducted in order to locate any associated artifacts and to determine the horizontal extent (surface area) of the site. If no other artifacts are located during the search then the initial artifact is recorded as an isolated find. At times, isolated formal tools (typical end scrapers, projectile points) were drawn and measured. The isolate was then described and its location plotted on a U.S.G.S. topographic map using UTM coordinates.

When sites are found an Intermountain Antiquities Computer System (IMACS) form is used to record the site. At all sites, selected topographic features, site boundaries, stone tools and cultural features (hearths, foundations, trash dumps and trails) are mapped. Sites are mapped onto a 1:10 cm K&E grid paper using a Brunton compass, UTM coordinates from a Garmin E Trex, and pacing off distances from a mapping station (datum = PVC pipe with aluminum tag). All debitage is inventoried using standard recording techniques (Truesdale et al 1995:7) according to material type, basic flake type, and so on. Selected (mostly complete) stone tools and projectile points are drawn and/or measured. All

measured. All features (rockart panel(s), hearths, foundations, trash dumps and trails), are measured and described, while selected features are either drawn or photographed.

Site location data is recorded by a Trimble GeoExplorer 3 and/or a GARMIN GPS III Plus or E-Trex Legend. Universal Transverse Mercator (UTM) grid data is recorded in an obvious way (ie. UTM Zone 12; NAD 83; centroid coordinate: 06/15/927 mE 44/17/443 mN), along with its Estimated Position Error (EPE) and Dilution of Precision (DOP). Site elevations are taken along with each UTM coordinate. Using the GPS data, the site location is then placed on a USGS 7.5' quadrangle map.

Results

A total of 38.4 acres (10 block, 28.4 linear) were surveyed for cultural resources on and around the proposed Dominion Exploration and Production, Inc. Little Canyon Creek (LCU) #4-9H well pad and along its access and flowline. No cultural resources (site, isolate) were recorded during the survey.

In addition, a moderate scatter of modern trash (plastic bottles, sanitary food cans, miscellaneous metal, wire, green, brown and clear glass bottles and bottle fragments, foam insulation) can be found on and surrounding the existing well pads and along some of the two track roads, and along the oil and gas field service roads in the Hill Creek Canyon and Little Canyon Unit gas field area.

Recommendations

A total of 38.4 acres (10 block, 28.4 linear) were surveyed for cultural resources on and around the proposed Dominion Exploration and Production, Inc. Little Canyon Unit (LCU) #4-9H well and along its access and flowline. No cultural resources (sites and/or isolates) were recorded during the survey.

A moderate scatter of modern trash (plastic bottles, sanitary food cans, miscellaneous metal, wire, green, brown and clear glass bottles and bottle fragments, foam insulation) can be found on and surrounding the existing well pads and along some of the two track roads and the existing oil and gas field service roads in the Hill Creek Canyon and Little Canyon Unit gas field area.

No cultural resources (historic properties, isolates) were recorded during the survey for the proposed Little Canyon Unit (LCU) #4-9H well, its access and pipeline. The possibility of buried and/or intact cultural materials on the proposed well pad, or along its access and pipeline is low. Therefore, the construction of the access and pipeline will not impact any significant cultural materials.

Thus, no additional archaeological work is necessary and clearance is recommended for the construction of the Little Canyon Unit (LCU) #4-9H well pad, its access and flowline.

References Cited

Childs, O.E.

1950 Geologic history of the Uinta Basin, Utah Geological and Mineralogical Survey. Guidebook to the Geology of Utah, NO. 5:49-59.

Stokes, William Lee

1986 Geology of Utah. Contributions by Utah Museum of Natural History, and Utah Geological and mineral Survey Department of Natural Resources. Utah Museum of Natural History, Occasional Papers, Number 6.

Thornbury, William D.

1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc.

Truesdale, James A., Kathleen E. Hiatt, and Clifford Duncan

1995 Cultural Resource Inventory of the Proposed Ouray Gravel Pit Location, Uintah-Ouray Ute Reservation, Uintah County, Utah. Report prepared for U & W Construction, Ft. Duchesne, Utah by AIA, Laramie, Wyoming.

PALEONTOLOGY EVALUATION SHEET

PROJECT: Dominion Well LCU #3-9H & #4-9H

LOCATION: 14 miles south of Ouray, Utah. Section 9, NW ¼ NW ¼, T11S, R20E, Uintah County, Utah.

OWNERSHIP: PRIV[] STATE[] BLM[X] USFS[] NPS[] IND[X] MIL[] OTHER[]
Most of the road is on BLM land. The well location is on Ute Tribal land.

DATE: April 16, 2007

GEOLOGY/TOPOGRAPHY: This is gray-green shale of the upper part of the Green River Formation, Upper Eocene. Road and pipeline come in from the southwest. Location sits on the west side of a hill at the foot of the hill with a terrace to the west. Pit is into the hill.

PALEONTOLOGY SURVEY: YES [X] NO Survey [] PARTIAL Survey []

SURVEY RESULTS: Invertebrate [] Plant [X] Vertebrate [] Trace [] No Fossils Found []
Found a few leaf impressions at several places in a thin, platy sandstone on or near the proposed road.
Recorded as fossil locality 42Un2150P.

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

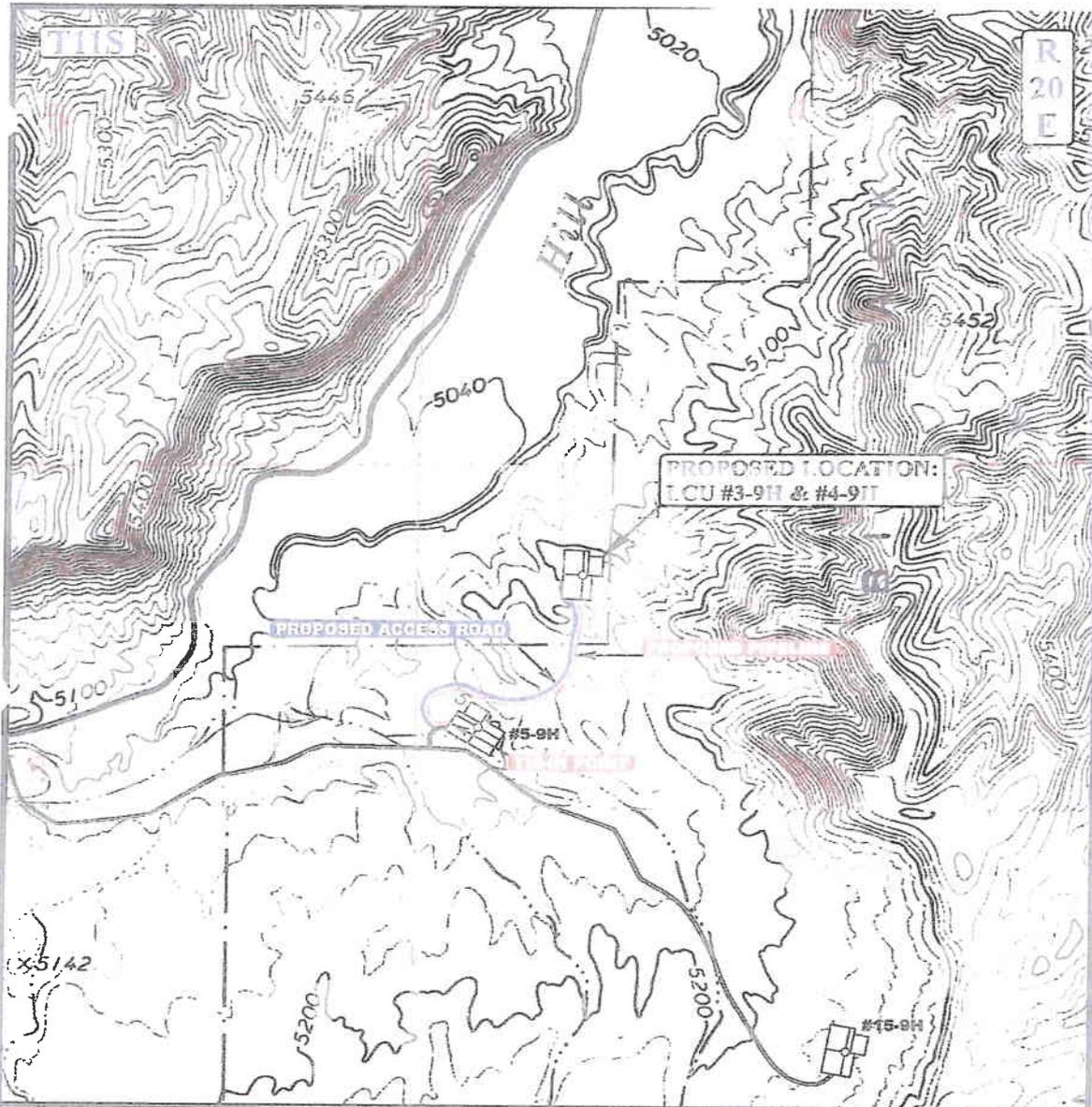
MITIGATION RECOMMENDATIONS: NONE [X] OTHER [] (SEE BELOW)

No recommendations are being made. Road construction could dig up other, better preserved specimens.

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

PALEONTOLOGIST: Alden H. Hamblin

A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355
Utah State Paleontological Permit # 07-355, BLM paleontological Resources Permit # UT-S-05-02,
Ute Tribe Access Permits – 09/30/06 & 03/31/07. Utah Professional Geologist License – 5223011-2250.



LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE



DOMINION EXPLR. & PROD., INC.

TCU #3-9H & #4-9H
 SECTION 9, T11S, R20E, S.L.B.&M.
 NW 1/4 NW 1/4

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

SCALE: 1" = 1000'	DRAWN BY: C.R.	REVISID: 09-00-00
-------------------	----------------	-------------------

D
 TOPO

XTO ENERGY, INC.
LCU #3-9H & #4-9H
SECTION 9, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 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 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #6-9H TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED #6-9H AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE PROPOSED LOCATION.

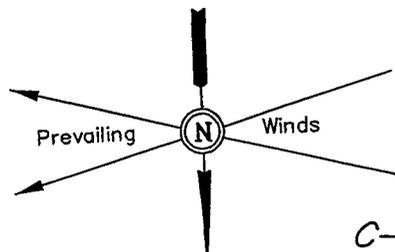
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.0 MILES.

XTO ENERGY, INC.

LOCATION LAYOUT FOR

LCU #3-9H & #4-9H
SECTION 9, T11S, R20E, S.L.B.&M.
NW 1/4 NW 1/4

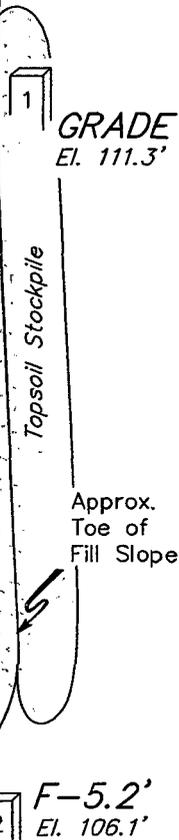
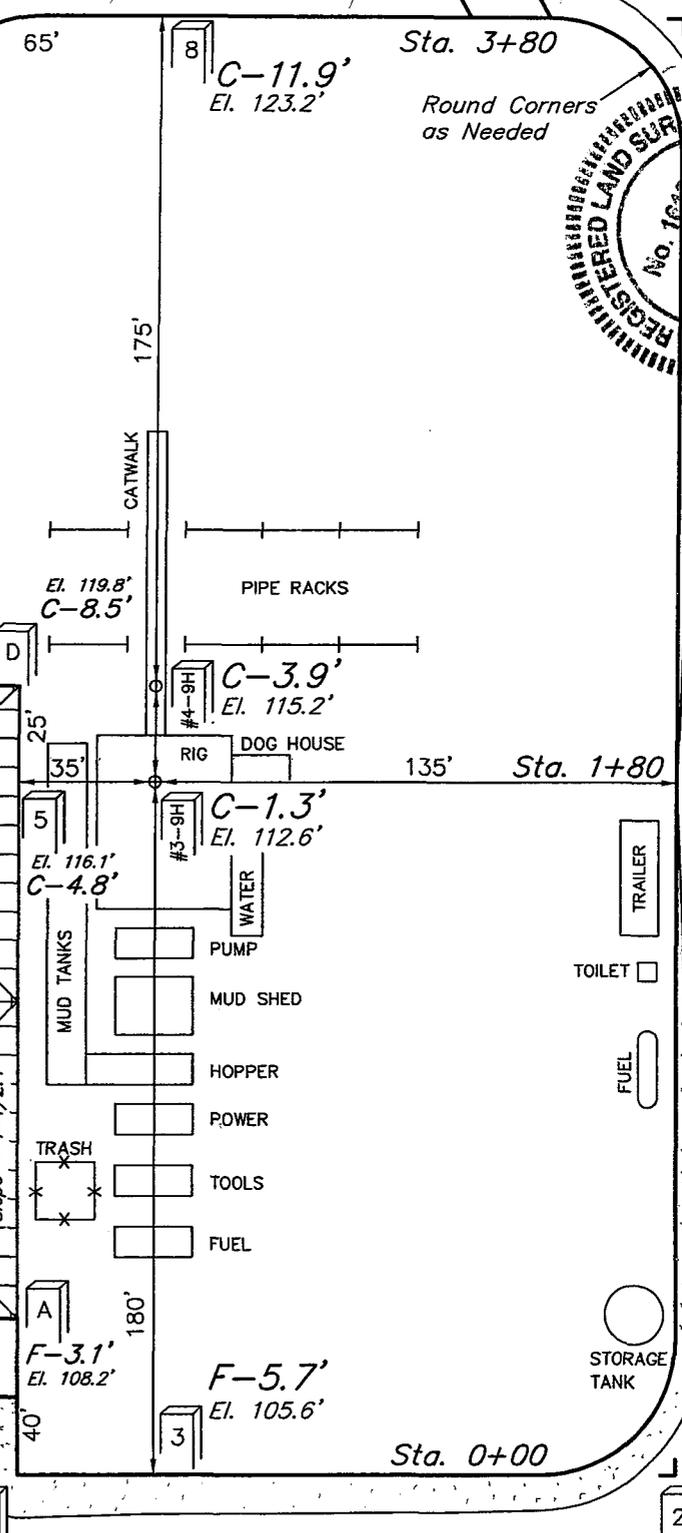
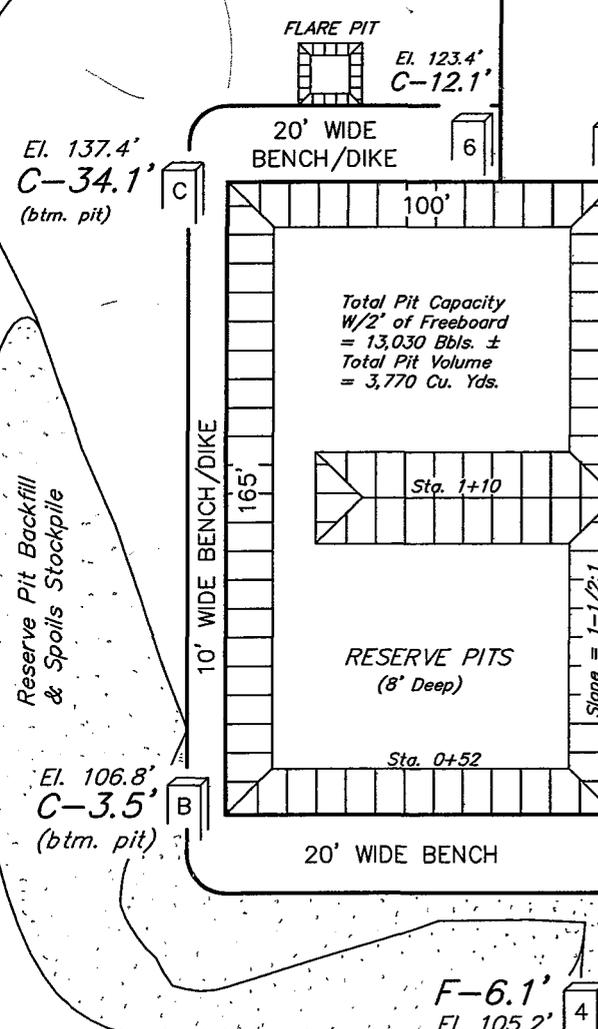
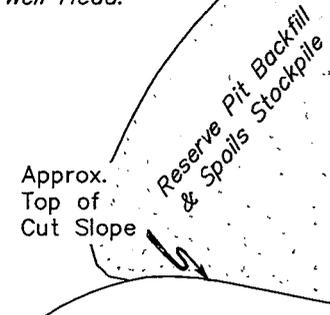
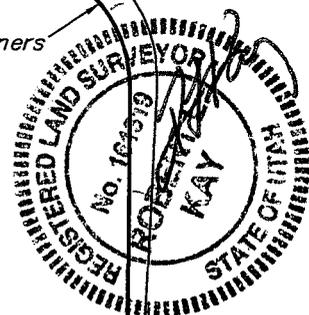
Proposed Access Road



SCALE: 1" = 50'
DATE: 2-23-07
Drawn By: K.G.
REVISED: 11-27-07 L.K.

NOTE:

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



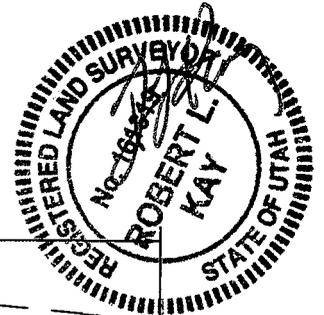
Elev. Ungraded Ground at #3-9H Location Stake = 5112.6'
Elev. Graded Ground at #3-9H Location Stake = 5111.3'

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

XTO ENERGY, INC.

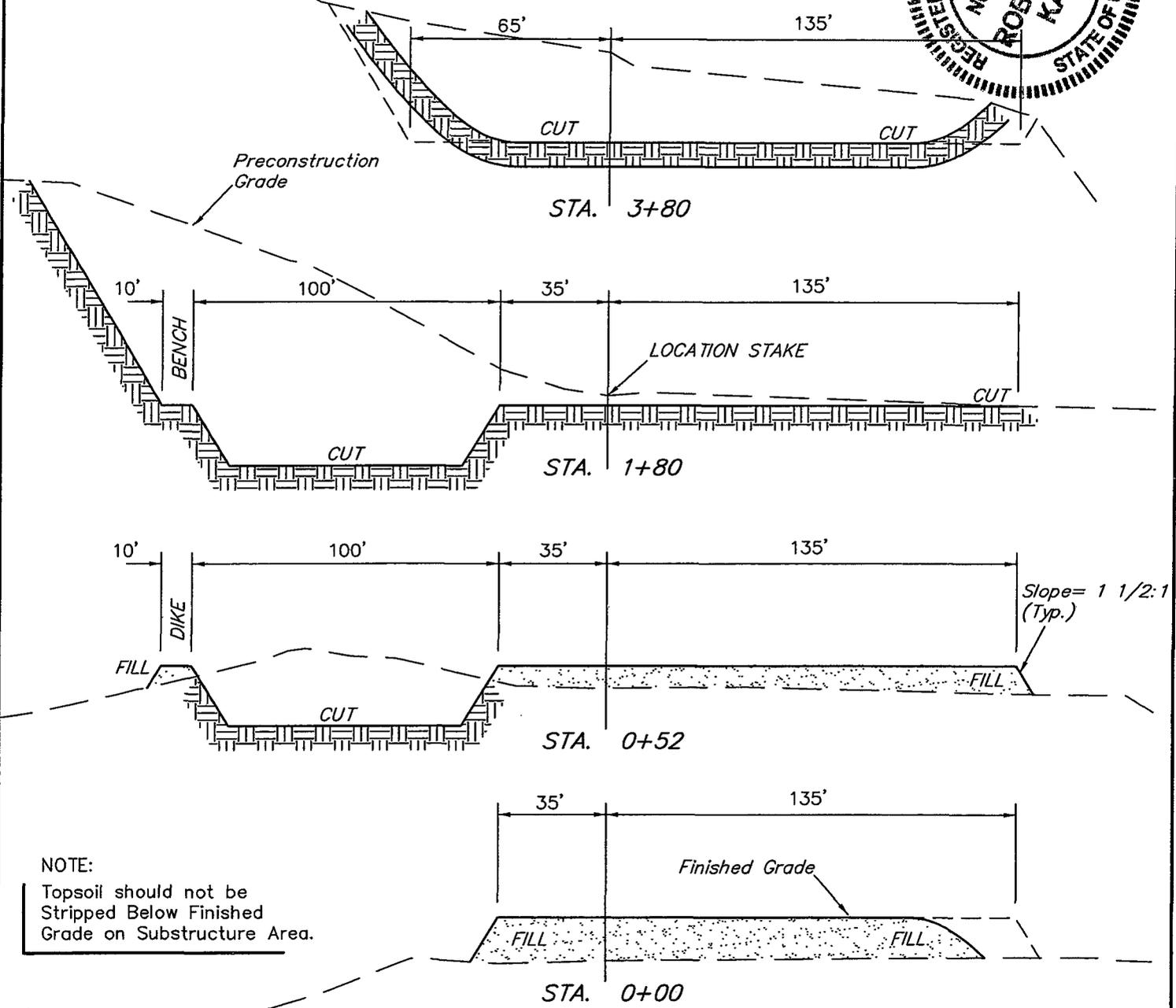
TYPICAL CROSS SECTIONS FOR

LCU #3-9H & #4-9H
SECTION 9, T11S, R20E, S.L.B.&M.
NW 1/4 NW 1/4



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

DATE: 2-23-07
Drawn By: K.G.
REVISED: 11-27-07 L.K.



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

*** NOTE:**
FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL	= 26,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,300 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 20,180 Cu. Yds.

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 4,410 Cu. Yds.
Remaining Location	= 26,620 Cu. Yds.
TOTAL CUT	= 31,030 CU.YDS.
FILL	= 4,550 CU.YDS.

XTO ENERGY, INC.
LCU #3-9H & #4-9H
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 9, T11S, R20E, S.L.B.&M.

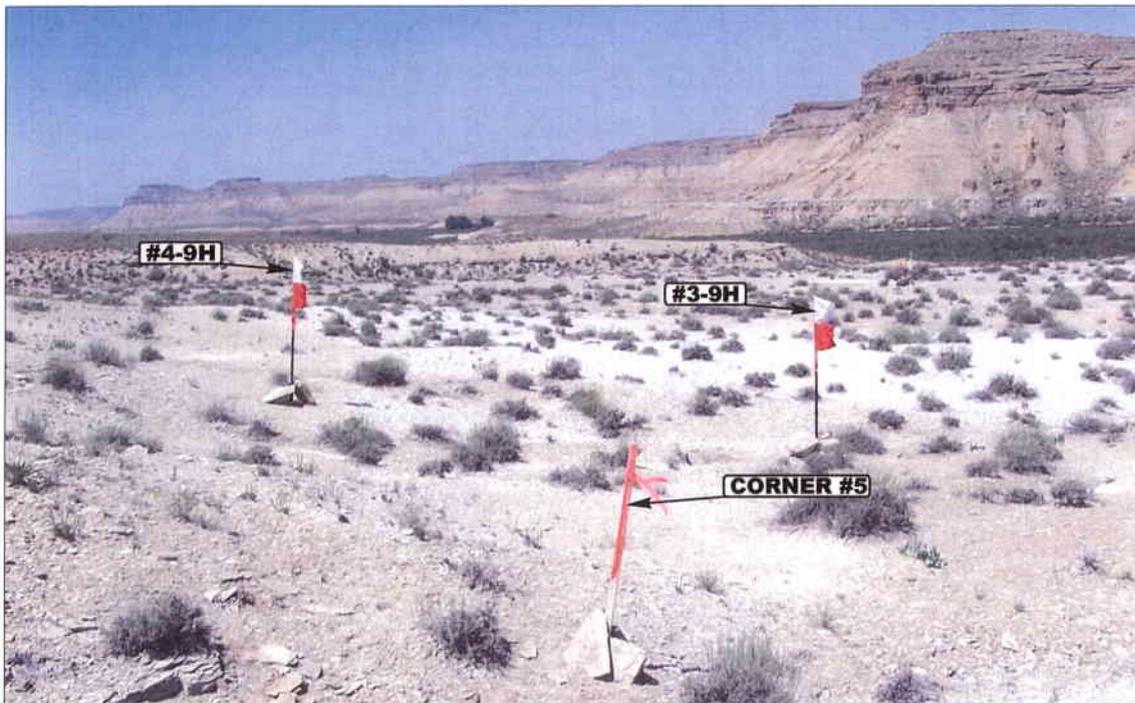


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



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

LOCATION PHOTOS

02 26 07
 MONTH DAY YEAR

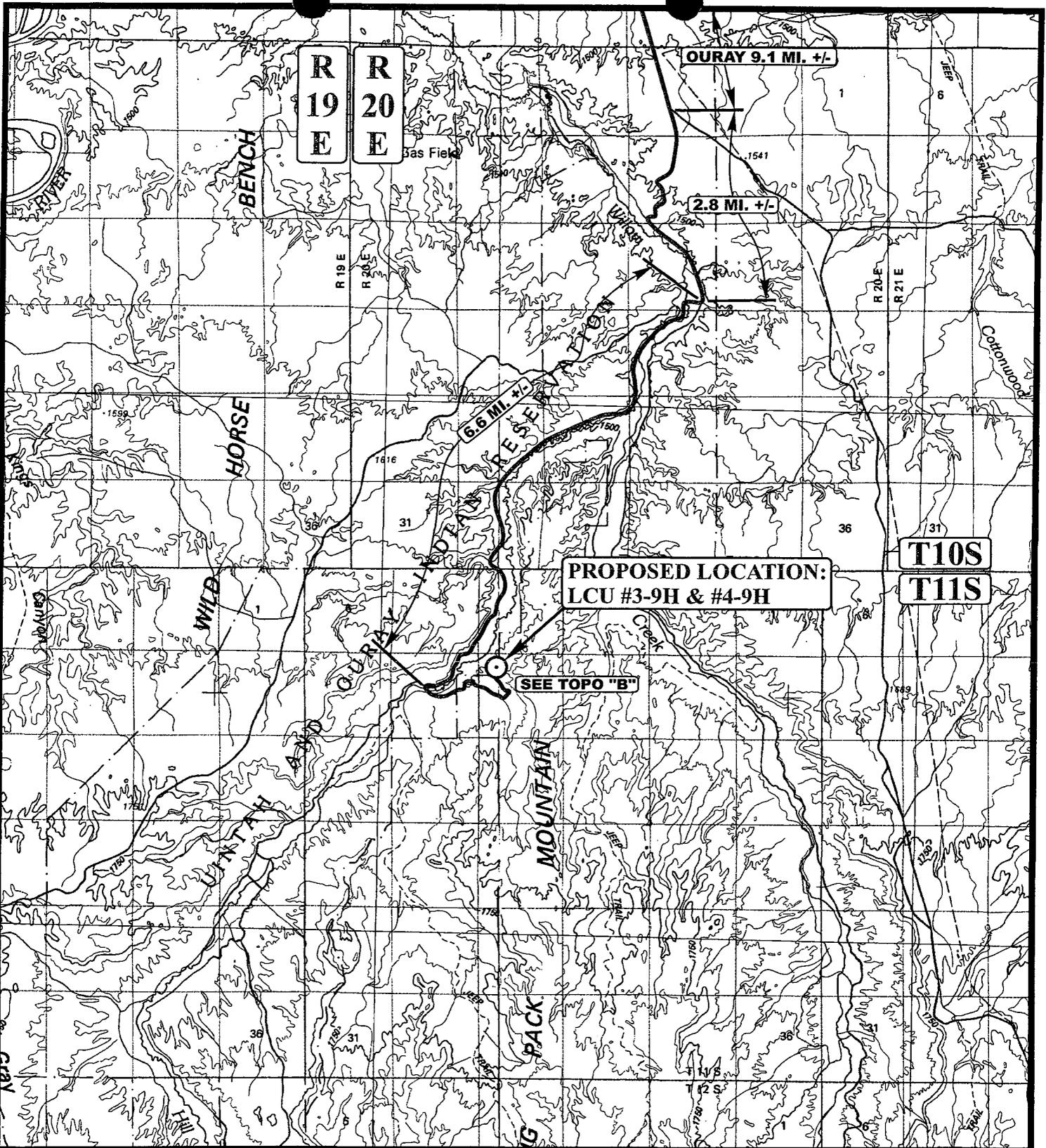
PHOTO

TAKEN BY: D.A.

DRAWN BY: C.P.

REV: 11-28-07 C.C.

- Since 1964 -



LEGEND:

⊙ PROPOSED LOCATION



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



XTO ENERGY, INC.

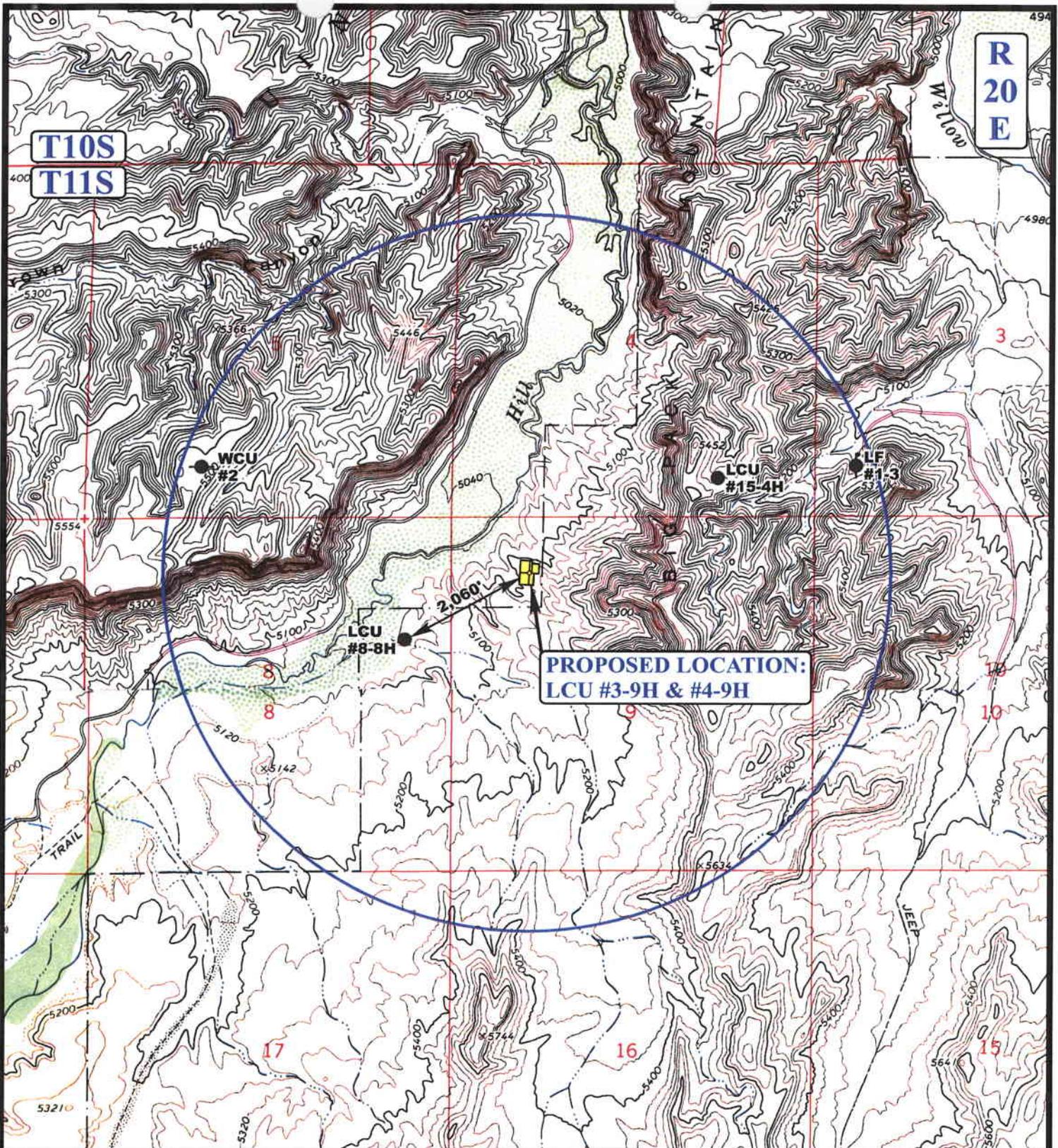
LCU #3-9H & #4-9H
 SECTION 9, T11S, R20E, S.L.B.&M.
 NW 1/4 NW 1/4

TOPOGRAPHIC
 MAP

02	26	07
MONTH	DAY	YEAR

SCALE: 1:100,000 | DRAWN BY: C.P. | REV: 11-28-07 C.C.





**PROPOSED LOCATION:
LCU #3-9H & #4-9H**

LEGEND:

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



XTO ENERGY, INC.

**LCU #3-9H & #4-9H
SECTION 9, T11S, R20E, S.L.B.&M.
NW 1/4 NW 1/4**



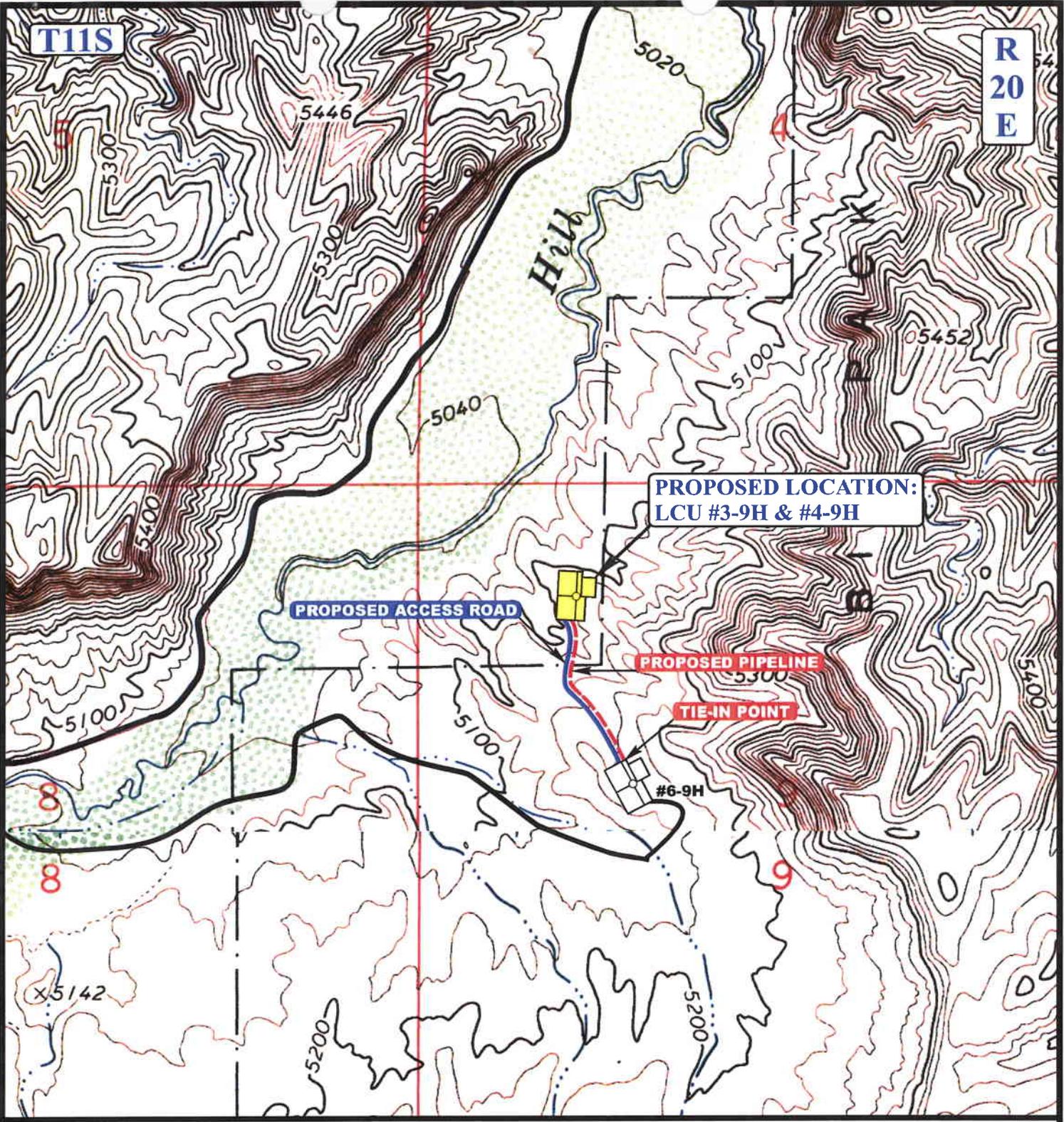
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

02	26	07
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REV: 11-28-07 C.C.





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,200' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



XTO ENERGY, INC.

LCU #3-9H & #4-9H
SECTION 9, T11S, R20E, S.L.B.&M.
NW 1/4 NW 1/4



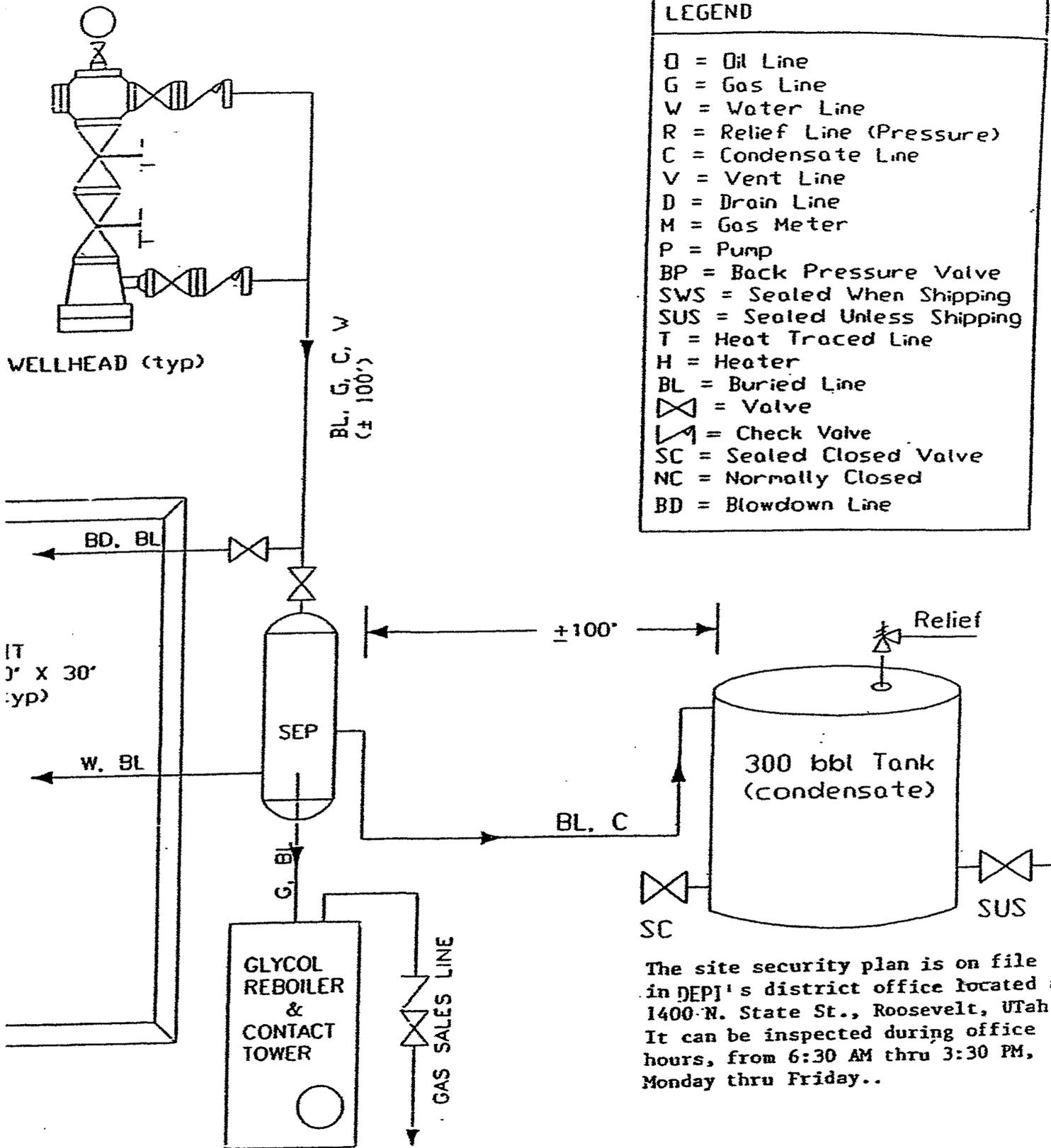
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

02	26	07
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REV: 11-28-07 C.C.





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: 06/10/2008

API NO. ASSIGNED: 43-047-40128

WELL NAME: LCU 4-9H
 OPERATOR: XTO ENERGY INC (N2615)
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-722-4521

PROPOSED LOCATION:

NWNW 09 110S 200E
 SURFACE: 0818 FNL 1140 FWL
 BOTTOM: 0660 FNL 0660 FWL
 COUNTY: UINTAH
 LATITUDE: 39.87996 LONGITUDE: -109.6885
 UTM SURF EASTINGS: 612146 NORTHINGS: 4415048
 FIELD NAME: UNDESIGNATED (2)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-34350
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

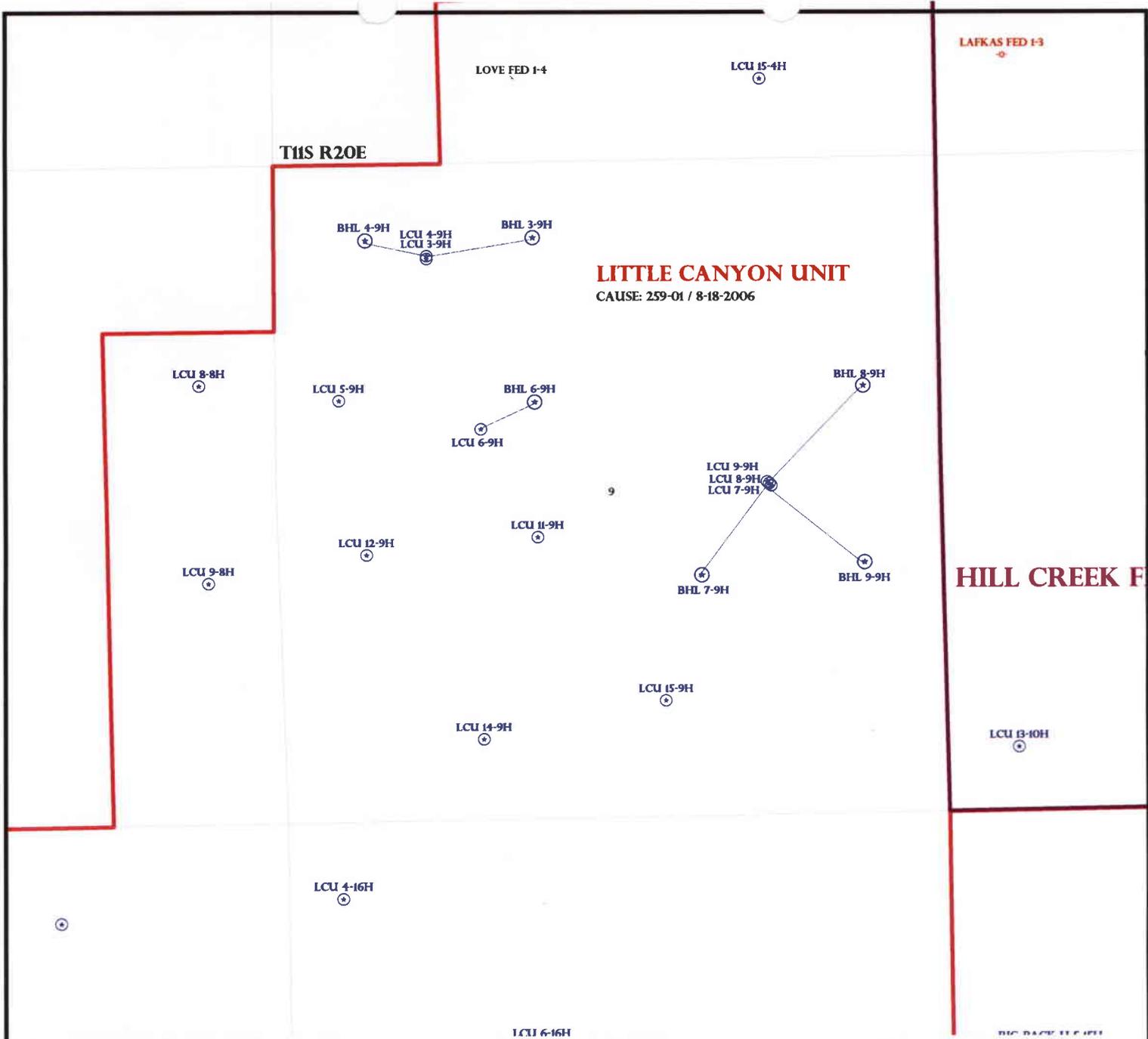
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 104312 789)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10991)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: LITTLE CANYON *OK*
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
 - Board Cause No: 259-01
 - Eff Date: 8-18-2006
 - Siting: 460' subdr. ? uncomm. Tra et
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: Federal Approval



OPERATOR: XTO ENERGY INC (N2615)
 SEC: 9 T.11S R. 20E
 FIELD: UNDESIGNATED (002)
 COUNTY: UINTAH
 CAUSE: 259-01 / 8-18-2006

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Wells Status

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

PREPARED BY: DIANA MASON
 DATE: 11-JUNE-2008



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

June 11, 2008

XTO Energy, Inc.
P O Box 1360 978 North Crescent
Roosevelt, UT 84066

Re: LCU 4-9H Well, Surface Location 818' FNL, 1140' FWL, NW NW, Sec. 9, T. 11 South, R. 20 East, Bottom Location 660' FNL, 660' FWL, NW NW, Sec. 9, T. 11 South, R. 20 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40128.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: XTO Energy, Inc.
Well Name & Number LCU 4-9H
API Number: 43-047-40128
Lease: UTU-34350

Surface Location: NW NW Sec. 9 T. 11 South R. 20 East
Bottom Location: NW NW Sec. 9 T. 11 South R. 20 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

- Contact Dustin Doucet at (801) 538-5281 (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 Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

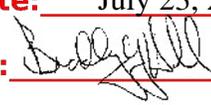
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34350
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME: LITTLE CANYON
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: LCU 4-9H
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047401280000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0818 FNL 1140 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 09 Township: 11.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/11/2010	<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
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 XTO hereby requests a one year extension on state permit for the referenced well.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: July 23, 2009
 By: 

NAME (PLEASE PRINT) Eden Fine	PHONE NUMBER 505 333-3664	TITLE Permitting Clerk
SIGNATURE N/A		DATE 7/17/2009



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 43047401280000

API: 43047401280000

Well Name: LCU 4-9H

Location: 0818 FNL 1140 FWL QTR NWNW SEC 09 TWNP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 6/11/2008

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

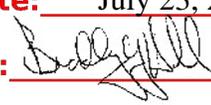
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Eden Fine

Date: 7/17/2009

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

Date: July 23, 2009

By: 

RECEIVED July 17, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34350
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: UTE 7. UNIT or CA AGREEMENT NAME: LITTLE CANYON
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: LCU 4-9H
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047401280000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0818 FNL 1140 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 09 Township: 11.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/11/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

XTO 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: June 23, 2010

By:

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



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401280000

API: 43047401280000

Well Name: LCU 4-9H

Location: 0818 FNL 1140 FWL QTR NWNW SEC 09 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

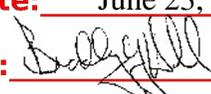
Date Original Permit Issued: 6/11/2008

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:** 6/17/2010
Title: Permitting Clerk **Representing:** XTO ENERGY INC

Date: June 23, 2010
By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34350
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: UTE 7. UNIT or CA AGREEMENT NAME: LITTLE CANYON
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: LCU 4-9H
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047401280000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0818 FNL 1140 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 09 Township: 11.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/11/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

XTO 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: June 23, 2010

By:

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



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401280000

API: 43047401280000

Well Name: LCU 4-9H

Location: 0818 FNL 1140 FWL QTR NWNW SEC 09 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

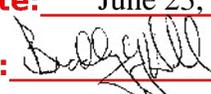
Date Original Permit Issued: 6/11/2008

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:** 6/17/2010
Title: Permitting Clerk **Representing:** XTO ENERGY INC

Date: June 23, 2010
By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34350
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
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.		7. UNIT or CA AGREEMENT NAME: LITTLE CANYON
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: LCU 4-9H
2. NAME OF OPERATOR: XTO ENERGY INC		9. API NUMBER: 43047401280000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	PHONE NUMBER: 505 333-3159 Ext	9. FIELD and POOL or WILDCAT: HILL CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0818 FNL 1140 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 09 Township: 11.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well.		
Approved by the Utah Division of Oil, Gas and Mining Date: <u>06/06/2011</u> By: <u></u>		
NAME (PLEASE PRINT) Krista Wilson	PHONE NUMBER 505 333-3647	TITLE Permitting Tech
SIGNATURE N/A		DATE 6/1/2011



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401280000

API: 43047401280000

Well Name: LCU 4-9H

Location: 0818 FNL 1140 FWL QTR NWNW SEC 09 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 6/11/2008

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

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

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

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

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

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

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

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

Signature: Krista Wilson

Date: 6/1/2011

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34350
2. NAME OF OPERATOR: XTO ENERGY INC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410	7. UNIT or CA AGREEMENT NAME: LITTLE CANYON
PHONE NUMBER: 505 333-3145 Ext	8. WELL NAME and NUMBER: LCU 4-9H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0818 FNL 1140 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 09 Township: 11.0S Range: 20.0E Meridian: S	9. API NUMBER: 43047401280000
	9. FIELD and POOL or WILDCAT: HILL CREEK
	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: 4/30/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

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

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

Date: June 05, 2012

By:

NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMBER 303 397-3712	TITLE Regulatory
SIGNATURE N/A	DATE 6/4/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401280000

API: 43047401280000

Well Name: LCU 4-9H

Location: 0818 FNL 1140 FWL QTR NWNW SEC 09 TWNP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 6/11/2008

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

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

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

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

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

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

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

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

Signature: Richard L. Redus

Date: 6/4/2012

Title: Regulatory

Representing: XTO ENERGY INC



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 14, 2013

43 0A7 4D1Z8
LCU 4-9H
115 2DE 9

XTO Energy Inc.
382 Road 3100
Aztec, NM 87410

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

Ladies and Gentlemen:

Enclosed find the list of APDs that are being rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective August 14, 2013.

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

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

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal
Bureau of Land Management, Price

43-047-38095	LCU 4-1H
43-047-38096	LCU 3-1H
43-047-38097	LCU 15-1H
43-047-38098	LCU 10-1H
43-047-38183	LCU 6-35F
43-047-38184	LCU 8-9H
43-047-38185	LCU 8-1H
43-015-30753	UT FED 18-7-34-43D
43-015-30754	UT FED 17-7-35-22
43-047-40127	LCU 3-9H
→ 43-047-40128	LCU 4-9H