

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER BPU 7-23H
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT UNDESIGNATED
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME BIG PACK
6. NAME OF OPERATOR XTO ENERGY INC		7. OPERATOR PHONE 303 397-3727
8. ADDRESS OF OPERATOR PO Box 6501, Englewood, CO, 80155		9. OPERATOR E-MAIL Kelly_Kardos@xtoenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU81723	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2005 FNL 2158 FWL	SENW	23	11.0 S	20.0 E	S
Top of Uppermost Producing Zone	1980 FNL 1980 FEL	SWNE	23	11.0 S	20.0 E	S
At Total Depth	1980 FNL 1980 FEL	SWNE	23	11.0 S	20.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 474	23. NUMBER OF ACRES IN DRILLING UNIT 2160
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1300	26. PROPOSED DEPTH MD: 9498 TVD: 9200	
27. ELEVATION - GROUND LEVEL 5464	28. BOND NUMBER UTB-000128	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-10091

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	9.625	0 - 2200	36.0	J-55 ST&C	8.4	Type V	177	3.82	11.0
							Class G	225	1.15	15.8
Prod	7.875	5.5	0 - 9498	17.0	N-80 LT&C	9.2	Type V	488	3.12	11.6
							Class G	300	1.75	13.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Richard L. Redus	TITLE Regulatory	PHONE 303 397-3712
SIGNATURE	DATE 02/15/2013	EMAIL Richard_Redus@xtoenergy.com
API NUMBER ASSIGNED 43047536320000	APPROVAL  Permit Manager	

XTO ENERGY INC.**Big Pack Unit #7-23H****APD Data****February 6, 2013**

Location: 2005' FNL & 2158' FWL, Sec. 23, T11S, R20E **County:** Uintah **State:** Utah
Bottom Hole Location: 1980' FNL & 1980' FEL, Sec. 23, T11S, R20E
GREATEST PROJECTED TD: 9498' MD/ 9200' TVD **OBJECTIVE:** Wasatch/Mesaverde
APPROX GR ELEV: 5464' **Est KB ELEV:** 5486' (22' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 2200'	2200' to 9498'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	FW LSND / Gel Chemical
WEIGHT	8.4	8.6-9.20
VISCOSITY	NC	30-60
WATER LOSS	NC	6-8

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

2. CASING PROGRAM:

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

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

Production Casing: 5.5" casing set at \pm 9498' MD / 9200' TVD in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-9498'	9498'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.43	1.76	2.16

Collapse SF is based on evacuated Casing and Hydrostatic at TVD.

Burst SF is based on evacuated Annulus and Hydrostatic at TVD.

Tensile SF is based on hanging air weight of casing in a vertical hole at measured depth.

3. WELLHEAD:

- A. Casing Head: 11" nominal, 3,000 psig with 9-5/8" 8rnd thread on bottom C-22 profile (or equivalent), (or slip-on, weld-on).
- B. Tubing Head: 11" 3000 psig X 7-1/16" 5,000 psig WP, TCM (or equivalent)

4. CEMENT PROGRAM:

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

LEAD:

\pm 177 sx of Type V cement (or equivalent) typically containing accelerator and LCM mixed at 11.0 ppg, 3.82 cu. ft./sk.

TAIL:

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

Total estimated slurry volume for the 9.625" surface casing is 930 ft³. Slurry includes 35% excess of calculated open hole annular volume to 2200'.

B. **Production:** 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9498' in 7.875" hole.

LEAD:

±488 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft³/sk, 17.71 gal wtr/sx.

TAIL:

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

Total estimated slurry volume for the 5.5" production casing is 2046 ft³. Slurry includes 15% excess of calculated open hole annular volume.

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

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (9498') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9498') to 2200'.

6. FORMATION TOPS:

FORMATION	Sub-Sea Elev. (@SHL)	TVD (@SHL)
Green River	N/A	N/A
Mahogany Bench Mbr.	N/A	N/A
Wasatch Tongue	2306	3180
Green River Tongue	1980	3506
Wasatch*	1841	3645
Chapita Wells*		
Uteland Buttes		
Mesaverde*	-867	6353
Castlegate	-3540	9026
TD**	-3714	9200

* Primary Objective

7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

Formation	Expected Fluids	Well Depth Top
Green River	Water/Oil Shale	N/A
Mahogany Bench Mbr.	Water/Oil Shale	N/A
Wasatch Tongue	Oil/Gas/Water	3180
Green River Tongue	Oil/Gas/Water	3506
Wasatch*	Gas/Water	3645
Chapita Wells*	Gas/Water	N/A
Uteland Buttes	Gas/Water	N/A
Mesaverde*	Gas/Water	6353
Castlegate	Gas/Water	9026

- B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
- C. There are no known potential sources of H₂S.
- D. Expected bottom hole pressures are between 4100 psi and 4600 psi.
- E. Base of Moderately Saline Water (USGS) at 4086'.

8. BOP EQUIPMENT:

Surface will not utilize a bop stack.

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

Minimum specifications for pressure control equipment are as follows:

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

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

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

As a minimum, the above test shall be performed:

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

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

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

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

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

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

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

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

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

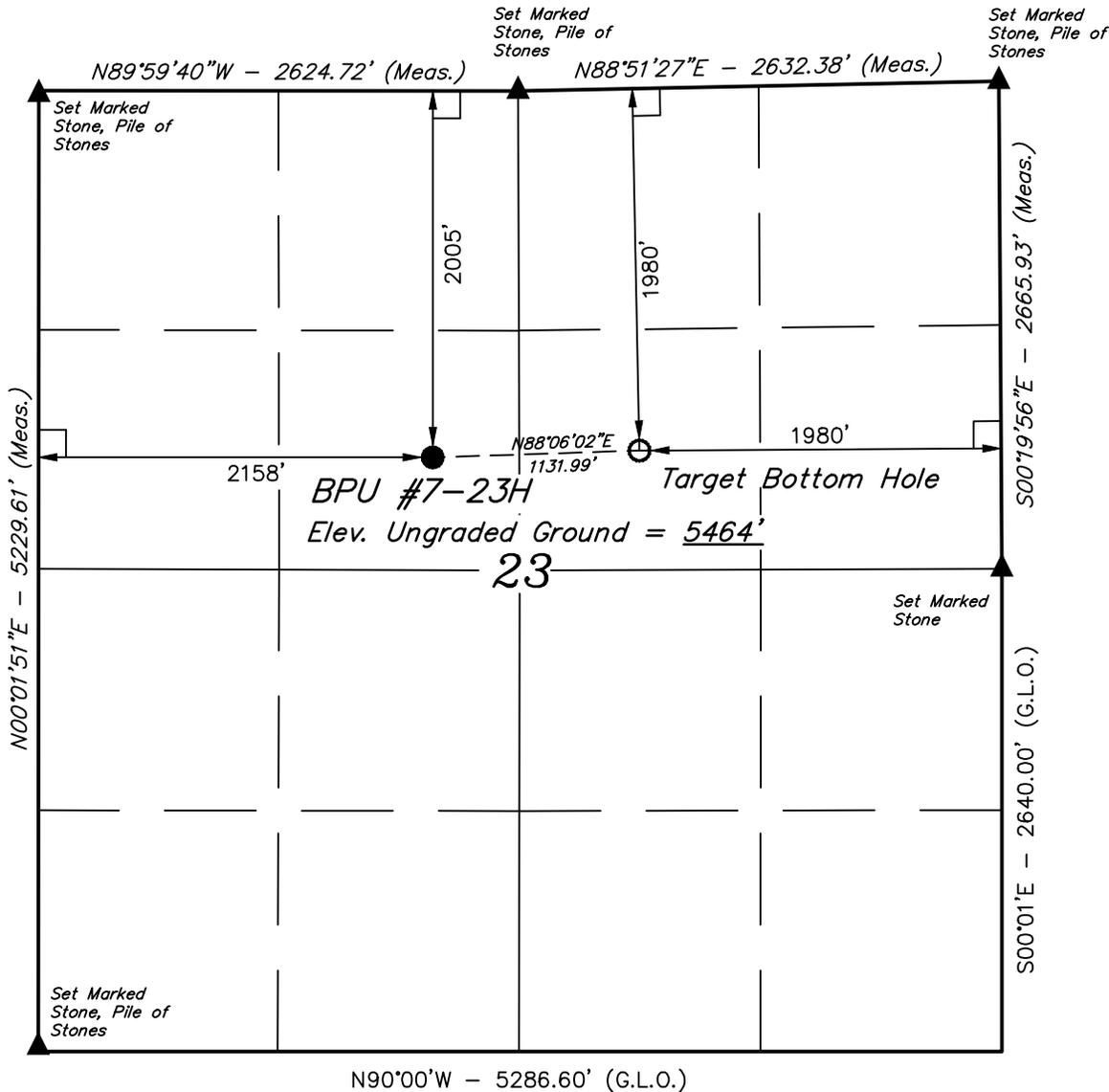
The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

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

9. COMPANY PERSONNEL:

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Home Phone</u>
Justin Niederhofer	Drilling Engineer	505-333-3199	505-320-0158
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Jim Kwolek	Project Geologist	817-885-2800	

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



XTO ENERGY, INC.

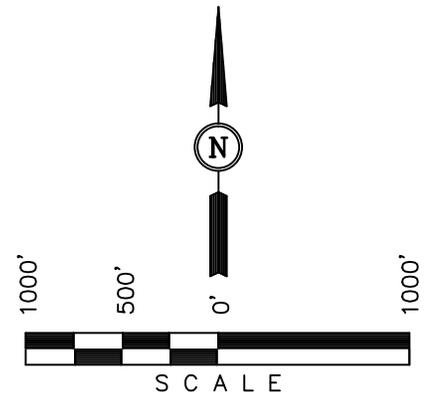
Well location, BPU #7-23H, located as shown in the SE 1/4 NW 1/4 of Section 23, T11S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REV: 11-15-12 H.K.W.
 REV: 3-25-08 D.P.

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

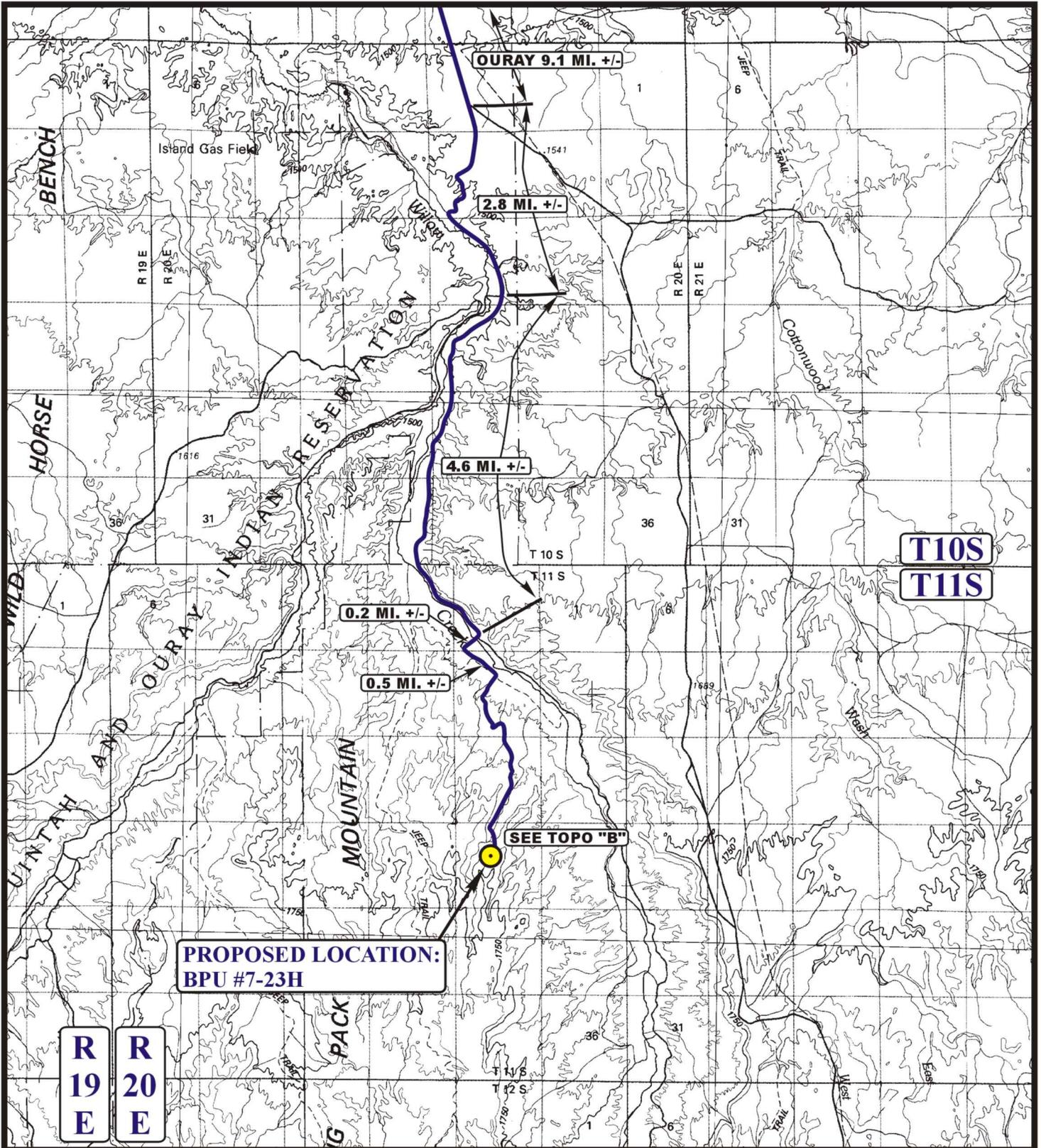
LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°50'51.72" (39.847700)	LATITUDE = 39°50'51.36" (39.847600)
LONGITUDE = 109°38'38.67" (109.644075)	LONGITUDE = 109°38'53.17" (109.648103)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°50'51.84" (39.847733)	LATITUDE = 39°50'51.48" (39.847633)
LONGITUDE = 109°38'36.19" (109.643386)	LONGITUDE = 109°38'50.69" (109.647414)

SCALE 1" = 1000'	DATE SURVEYED: 03-30-07	DATE DRAWN: 04-12-07
PARTY J.R. J.M. S.L.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE XTO ENERGY, INC.	

RECEIVED: February 15, 2013



**PROPOSED LOCATION:
BPU #7-23H**

**R
19
E** **R
20
E**

T10S
T11S

LEGEND:

 **PROPOSED LOCATION**



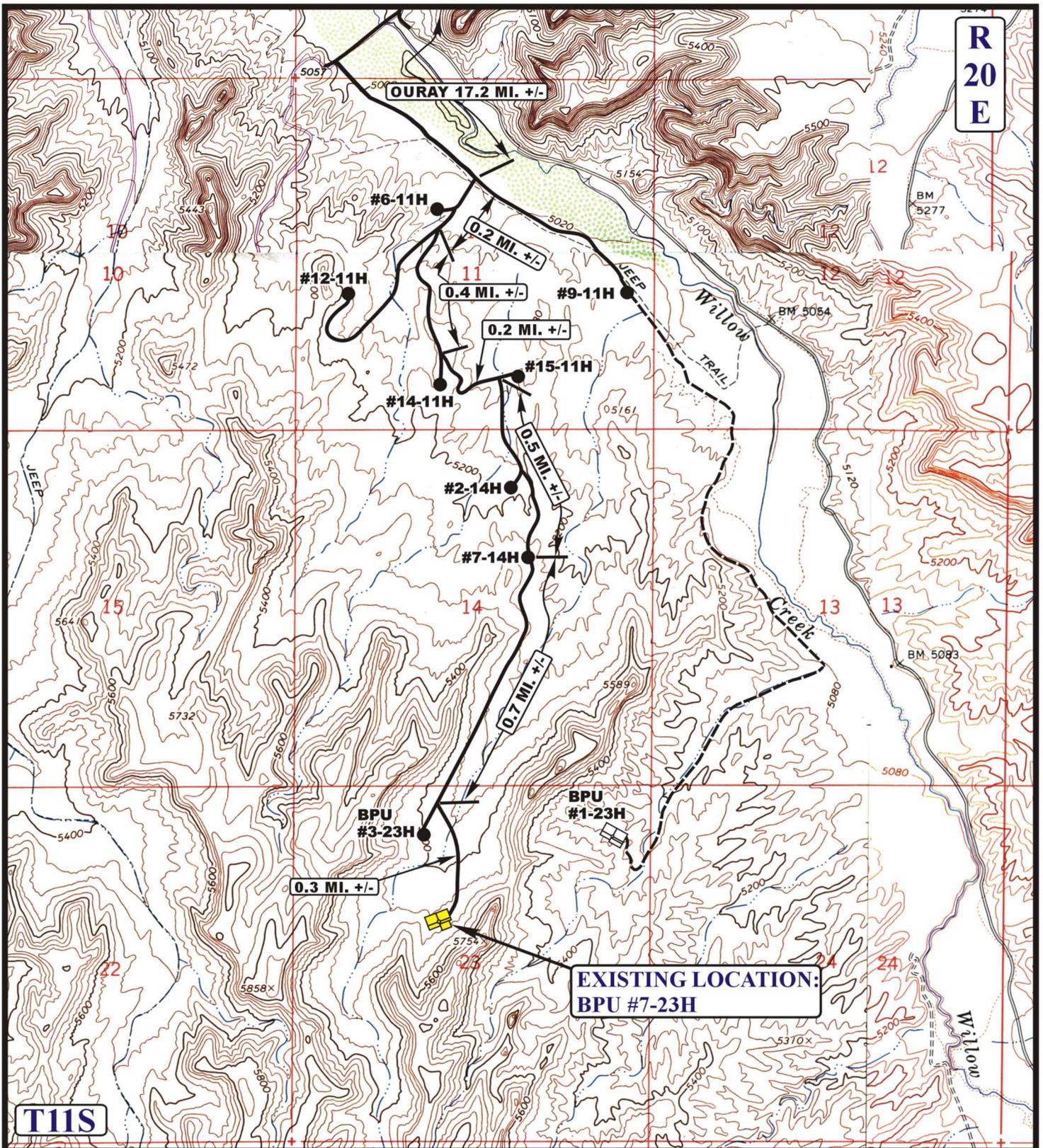
XTO ENERGY, INC.

BPU #7-23H
SECTION 23, T11S, R20E, S.L.B.&M.
2005' FNL 2158' FWL

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

TOPOGRAPHIC **04 05 07**
MAP **MONTH DAY YEAR**
SCALE: 1:100,000 DRAWN BY: L.K. REV: 11-16-12 C.I.

A
TOPO



**R
20
E**

T11S

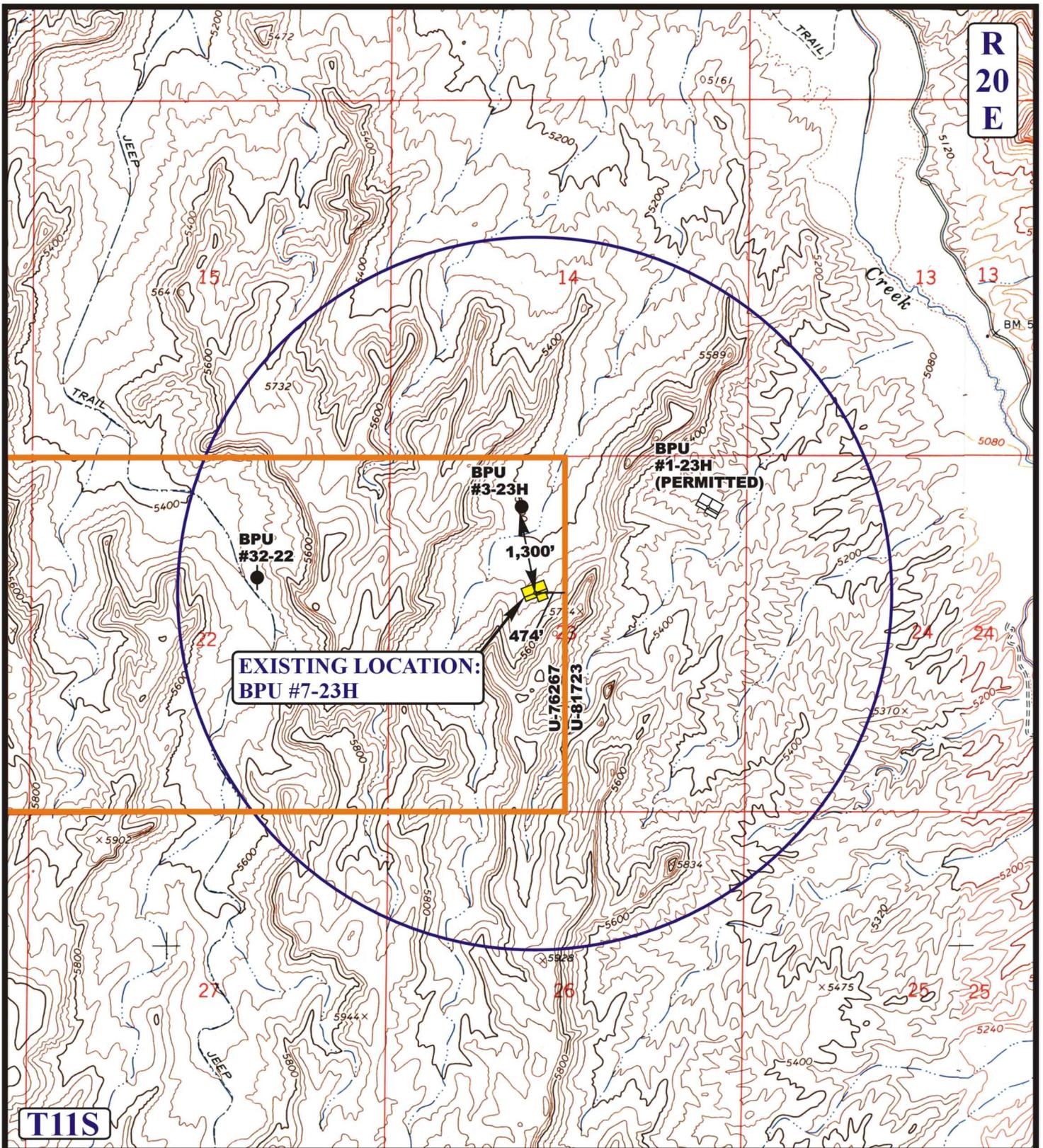
**EXISTING LOCATION:
BPU #7-23H**

LEGEND: EXISTING ROAD N **XTO ENERGY, INC.**

**BPU #7-23H
SECTION 23, T11S, R20E, S.L.B.&M.
2005' FNL 2158' FWL**

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

ACCESS ROAD MAP	04	05	07	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: L.K.		REV: 02-14-13 C.L.



**R
20
E**

**EXISTING LOCATION:
BPU #7-23H**

T11S

LEGEND:

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

XTO ENERGY, INC.

**BPU #7-23H
SECTION 23, T11S, R20E, S.L.B.&M.
2005' FNL 2158' FWL**

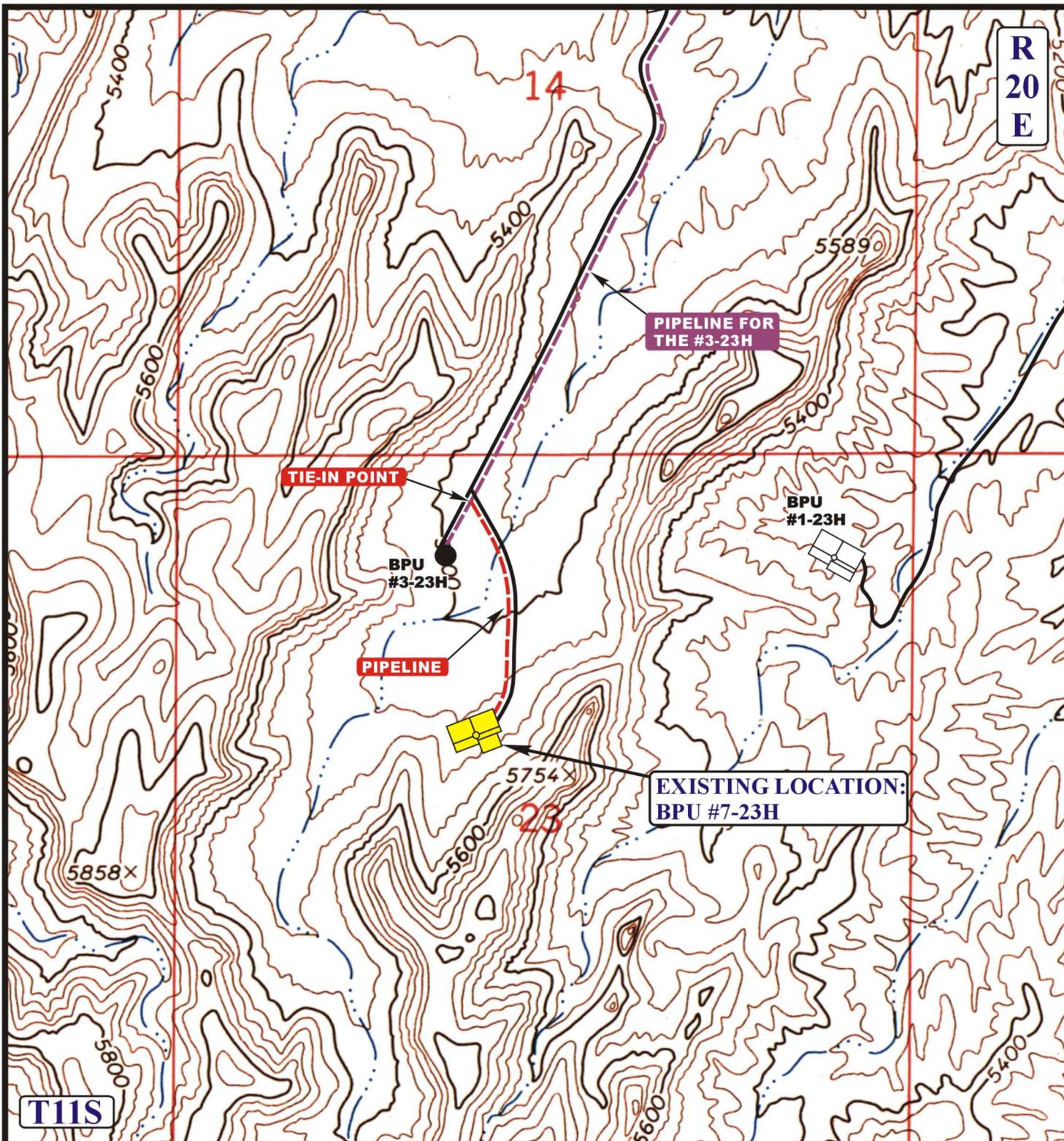


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC MAP 04 05 07
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: L.K. REV: 02-14-13 C.L.





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,634' +/-

LEGEND:

-  EXISTING PIPELINE
-  PIPELINE
-  PIPELINE (SERVICING OTHER WELLS)



XTO ENERGY, INC.

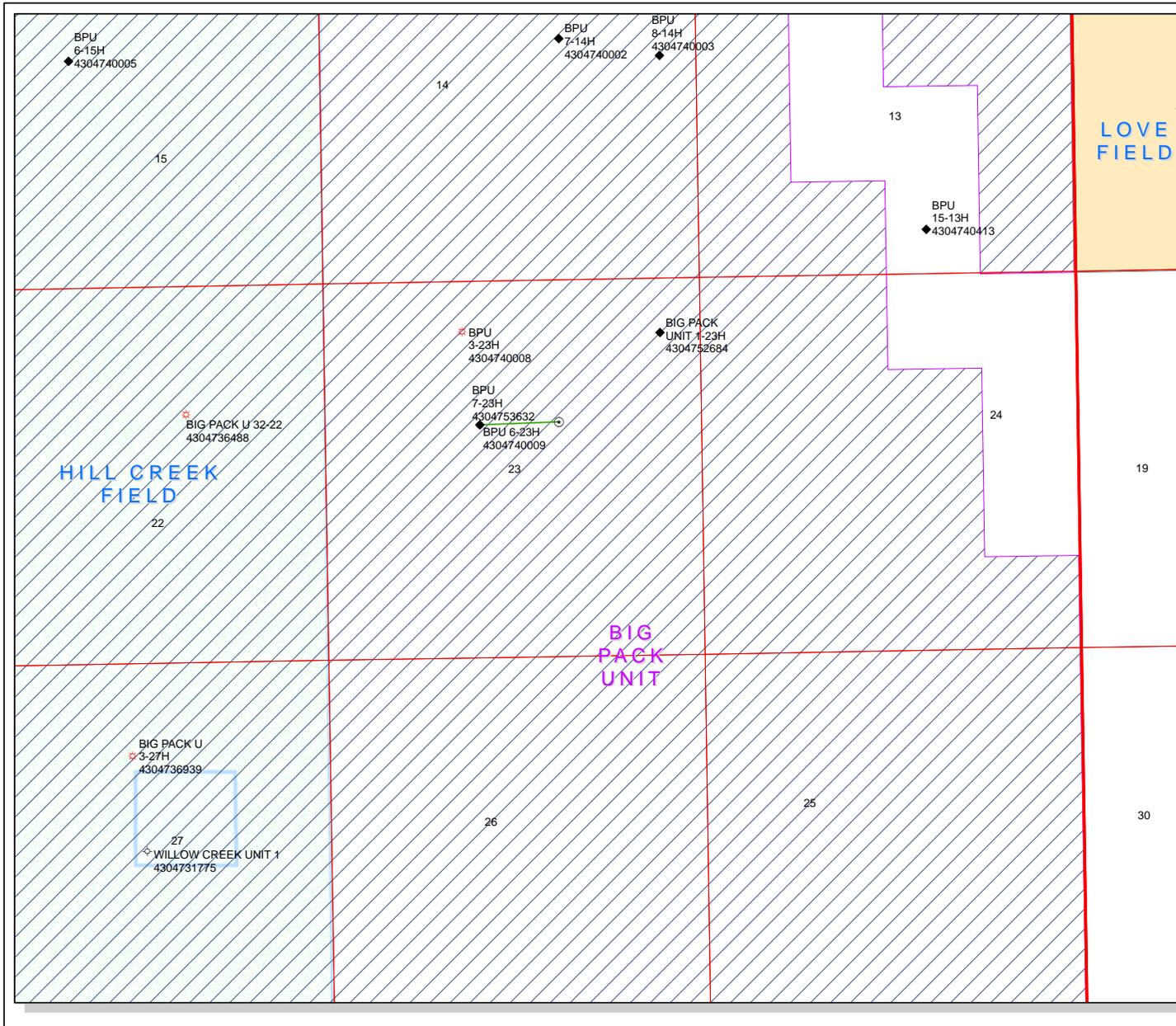
BPU #7-23H
SECTION 23, T11S, R20E, S.L.B.&M.
2005' FNL 2158' FWL



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

TOPOGRAPHIC MAP 04 05 07
 MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: L.K. REV: 02-14-13 C.L.

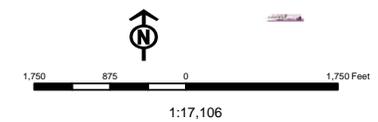
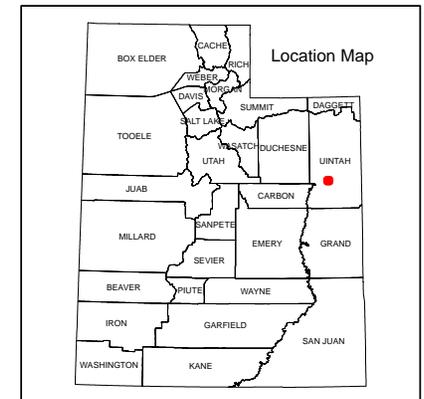




Map Prepared:
 Map Produced by Diana Mason

- Units**
- ACTIVE
 - EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PI OIL
 - PP GAS
 - PP GEOTHERMAL
 - PP OIL
 - SECONDARY
 - TERMINATED

- Fields**
- Unknown
 - ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - STORAGE
 - TERMINATED



XTO Energy

Utah Wells (NAD 83)

BPU 7-23H

BPU 7-23H

BPU 7-23H

Plan: Permitted wellbore -- BPU 7-23H

Standard Planning Report

28 January, 2013

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

Project	Utah Wells (NAD 83), RBU, BPU, LCU, KCU wells		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	BPU 7-23H, T11S, R20E				
Site Position:		Northing:	2,169,752.10 m	Latitude:	39° 50' 51.360 N
From:	Lat/Long	Easting:	658,464.28 m	Longitude:	109° 38' 53.171 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	1.19 °

Well	BPU 7-23H, S-well					
Well Position	+N/-S	0.0 ft	Northing:	2,169,752.10 m	Latitude:	39° 50' 51.360 N
	+E/-W	0.0 ft	Easting:	658,464.28 m	Longitude:	109° 38' 53.171 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,464.0 ft	Ground Level:	5,464.0 ft

Wellbore	BPU 7-23H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.28	65.76	52,397

Design	Permitted wellbore -- BPU 7-23H			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	88.15

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	
661.3	0.00	0.00	661.3	0.0	0.0	0.00	0.00	0.00	0.00	
1,994.6	40.00	88.15	1,888.9	14.4	446.6	3.00	3.00	0.00	88.15	
2,364.6	40.00	88.15	2,172.4	22.1	684.3	0.00	0.00	0.00	0.00	
3,698.0	0.00	0.00	3,400.0	36.4	1,130.9	3.00	-3.00	0.00	180.00	
9,498.0	0.00	0.00	9,200.0	36.4	1,130.9	0.00	0.00	0.00	0.00	Proposed BHL -- BPU

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
661.3	0.00	0.00	661.3	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.16	88.15	700.0	0.0	0.4	0.4	3.00	3.00	0.00
800.0	4.16	88.15	799.9	0.2	5.0	5.0	3.00	3.00	0.00
900.0	7.16	88.15	899.4	0.5	14.9	14.9	3.00	3.00	0.00
1,000.0	10.16	88.15	998.2	1.0	29.9	30.0	3.00	3.00	0.00
1,100.0	13.16	88.15	1,096.2	1.6	50.1	50.2	3.00	3.00	0.00
1,200.0	16.16	88.15	1,192.9	2.4	75.4	75.5	3.00	3.00	0.00
1,300.0	19.16	88.15	1,288.2	3.4	105.8	105.8	3.00	3.00	0.00
1,400.0	22.16	88.15	1,381.7	4.5	141.0	141.1	3.00	3.00	0.00
1,500.0	25.16	88.15	1,473.3	5.8	181.1	181.2	3.00	3.00	0.00
1,600.0	28.16	88.15	1,562.7	7.3	226.0	226.1	3.00	3.00	0.00
1,700.0	31.16	88.15	1,649.5	8.9	275.4	275.6	3.00	3.00	0.00
1,800.0	34.16	88.15	1,733.7	10.6	329.4	329.5	3.00	3.00	0.00
1,900.0	37.16	88.15	1,815.0	12.5	387.6	387.8	3.00	3.00	0.00
1,994.6	40.00	88.15	1,888.9	14.4	446.6	446.8	3.00	3.00	0.00
2,000.0	40.00	88.15	1,893.0	14.5	450.0	450.3	0.00	0.00	0.00
2,100.0	40.00	88.15	1,969.6	16.6	514.3	514.6	0.00	0.00	0.00
2,200.0	40.00	88.15	2,046.3	18.6	578.5	578.8	0.00	0.00	0.00
9 5/8"									
2,300.0	40.00	88.15	2,122.9	20.7	642.8	643.1	0.00	0.00	0.00
2,364.6	40.00	88.15	2,172.4	22.1	684.3	684.7	0.00	0.00	0.00
2,400.0	38.94	88.15	2,199.7	22.8	706.8	707.1	3.00	-3.00	0.00
2,500.0	35.94	88.15	2,279.1	24.7	767.5	767.9	3.00	-3.00	0.00
2,600.0	32.94	88.15	2,361.5	26.6	824.0	824.5	3.00	-3.00	0.00
2,700.0	29.94	88.15	2,446.8	28.2	876.2	876.6	3.00	-3.00	0.00
2,800.0	26.94	88.15	2,534.8	29.8	923.8	924.2	3.00	-3.00	0.00
2,900.0	23.94	88.15	2,625.1	31.2	966.7	967.2	3.00	-3.00	0.00
3,000.0	20.94	88.15	2,717.5	32.4	1,004.8	1,005.4	3.00	-3.00	0.00
3,100.0	17.94	88.15	2,811.8	33.5	1,038.1	1,038.6	3.00	-3.00	0.00
3,200.0	14.94	88.15	2,907.7	34.4	1,066.4	1,066.9	3.00	-3.00	0.00
3,300.0	11.94	88.15	3,004.9	35.1	1,089.6	1,090.2	3.00	-3.00	0.00
3,400.0	8.94	88.15	3,103.2	35.7	1,107.7	1,108.3	3.00	-3.00	0.00
3,477.5	6.61	88.15	3,180.0	36.0	1,118.2	1,118.8	3.00	-3.00	0.00
Wasatch Tongue									
3,500.0	5.94	88.15	3,202.4	36.1	1,120.6	1,121.2	3.00	-3.00	0.00
3,600.0	2.94	88.15	3,302.1	36.4	1,128.4	1,129.0	3.00	-3.00	0.00
3,698.0	0.00	0.00	3,400.0	36.4	1,130.9	1,131.5	3.00	-3.00	0.00
3,700.0	0.00	0.00	3,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
3,800.0	0.00	0.00	3,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
3,804.0	0.00	0.00	3,506.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Green River Tongue									
3,900.0	0.00	0.00	3,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
3,943.0	0.00	0.00	3,645.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Wasatch									
4,000.0	0.00	0.00	3,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,100.0	0.00	0.00	3,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,200.0	0.00	0.00	3,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

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)
4,300.0	0.00	0.00	4,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,400.0	0.00	0.00	4,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,500.0	0.00	0.00	4,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,600.0	0.00	0.00	4,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,700.0	0.00	0.00	4,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,800.0	0.00	0.00	4,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,900.0	0.00	0.00	4,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,000.0	0.00	0.00	4,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,100.0	0.00	0.00	4,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,200.0	0.00	0.00	4,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,300.0	0.00	0.00	5,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,400.0	0.00	0.00	5,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,500.0	0.00	0.00	5,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,600.0	0.00	0.00	5,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,700.0	0.00	0.00	5,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,800.0	0.00	0.00	5,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,900.0	0.00	0.00	5,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,100.0	0.00	0.00	5,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,200.0	0.00	0.00	5,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,651.0	0.00	0.00	6,353.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Mesaverde									
6,700.0	0.00	0.00	6,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,100.0	0.00	0.00	6,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,200.0	0.00	0.00	6,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,100.0	0.00	0.00	7,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,200.0	0.00	0.00	7,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,100.0	0.00	0.00	8,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,200.0	0.00	0.00	8,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

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)	
9,324.0	0.00	0.00	9,026.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00	
Castlegate										
9,400.0	0.00	0.00	9,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00	
9,482.0	0.00	0.00	9,184.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00	
Blackhawk										
9,498.0	0.00	0.00	9,200.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00	
5 1/2"										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude	
Proposed BHL -- BPU 7- - hit/miss target - Shape - Point	0.00	0.00	9,200.0	36.4	1,130.9	2,169,770.35	658,808.67	39° 50' 51.720 N	109° 38' 38.670 W	

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)		
2,200.0	2,046.3	9 5/8"	9.625	12.250		
9,498.0	9,200.0	5 1/2"	5.500	7.875		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,477.5	3,180.0	Wasatch Tongue		0.00		
3,804.0	3,506.0	Green River Tongue		0.00		
3,943.0	3,645.0	Wasatch		0.00		
6,651.0	6,353.0	Mesaverde		0.00		
9,324.0	9,026.0	Castlegate		0.00		
9,482.0	9,184.0	Blackhawk		0.00		

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

March 5, 2013

Memorandum

To: Assistant Field Office Manager Minerals
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Big Pack Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2013 within the Big Pack Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
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(Proposed PZ WASATCH-MESA VERDE)

43-047-53632	BPU 7-23H	Sec 23 T11S R20E 2005 FNL 2158 FWL
	BHL	Sec 23 T11S R20E 1980 FNL 1980 FEL

This office has no objection to permitting the well at this time.

Michael L. Coulthard
Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2013.03.05 12:00:20 -0700

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

MCoulthard:mc:3-5-13

RECEIVED: March 05, 2013

XTO Energy

Utah Wells (NAD 83)

BPU 7-23H

BPU 7-23H

BPU 7-23H

Plan: Permitted wellbore -- BPU 7-23H

Standard Planning Report

28 January, 2013

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

Project	Utah Wells (NAD 83), RBU, BPU, LCU, KCU wells		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	BPU 7-23H, T11S, R20E				
Site Position:		Northing:	2,169,752.10 m	Latitude:	39° 50' 51.360 N
From:	Lat/Long	Easting:	658,464.28 m	Longitude:	109° 38' 53.171 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	1.19 °

Well	BPU 7-23H, S-well					
Well Position	+N/-S	0.0 ft	Northing:	2,169,752.10 m	Latitude:	39° 50' 51.360 N
	+E/-W	0.0 ft	Easting:	658,464.28 m	Longitude:	109° 38' 53.171 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,464.0 ft	Ground Level:	5,464.0 ft

Wellbore	BPU 7-23H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.28	65.76	52,397

Design	Permitted wellbore -- BPU 7-23H			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	88.15

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	
661.3	0.00	0.00	661.3	0.0	0.0	0.00	0.00	0.00	0.00	
1,994.6	40.00	88.15	1,888.9	14.4	446.6	3.00	3.00	0.00	88.15	
2,364.6	40.00	88.15	2,172.4	22.1	684.3	0.00	0.00	0.00	0.00	
3,698.0	0.00	0.00	3,400.0	36.4	1,130.9	3.00	-3.00	0.00	180.00	
9,498.0	0.00	0.00	9,200.0	36.4	1,130.9	0.00	0.00	0.00	0.00	Proposed BHL -- BPU

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
661.3	0.00	0.00	661.3	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.16	88.15	700.0	0.0	0.4	0.4	3.00	3.00	0.00
800.0	4.16	88.15	799.9	0.2	5.0	5.0	3.00	3.00	0.00
900.0	7.16	88.15	899.4	0.5	14.9	14.9	3.00	3.00	0.00
1,000.0	10.16	88.15	998.2	1.0	29.9	30.0	3.00	3.00	0.00
1,100.0	13.16	88.15	1,096.2	1.6	50.1	50.2	3.00	3.00	0.00
1,200.0	16.16	88.15	1,192.9	2.4	75.4	75.5	3.00	3.00	0.00
1,300.0	19.16	88.15	1,288.2	3.4	105.8	105.8	3.00	3.00	0.00
1,400.0	22.16	88.15	1,381.7	4.5	141.0	141.1	3.00	3.00	0.00
1,500.0	25.16	88.15	1,473.3	5.8	181.1	181.2	3.00	3.00	0.00
1,600.0	28.16	88.15	1,562.7	7.3	226.0	226.1	3.00	3.00	0.00
1,700.0	31.16	88.15	1,649.5	8.9	275.4	275.6	3.00	3.00	0.00
1,800.0	34.16	88.15	1,733.7	10.6	329.4	329.5	3.00	3.00	0.00
1,900.0	37.16	88.15	1,815.0	12.5	387.6	387.8	3.00	3.00	0.00
1,994.6	40.00	88.15	1,888.9	14.4	446.6	446.8	3.00	3.00	0.00
2,000.0	40.00	88.15	1,893.0	14.5	450.0	450.3	0.00	0.00	0.00
2,100.0	40.00	88.15	1,969.6	16.6	514.3	514.6	0.00	0.00	0.00
2,200.0	40.00	88.15	2,046.3	18.6	578.5	578.8	0.00	0.00	0.00
9 5/8"									
2,300.0	40.00	88.15	2,122.9	20.7	642.8	643.1	0.00	0.00	0.00
2,364.6	40.00	88.15	2,172.4	22.1	684.3	684.7	0.00	0.00	0.00
2,400.0	38.94	88.15	2,199.7	22.8	706.8	707.1	3.00	-3.00	0.00
2,500.0	35.94	88.15	2,279.1	24.7	767.5	767.9	3.00	-3.00	0.00
2,600.0	32.94	88.15	2,361.5	26.6	824.0	824.5	3.00	-3.00	0.00
2,700.0	29.94	88.15	2,446.8	28.2	876.2	876.6	3.00	-3.00	0.00
2,800.0	26.94	88.15	2,534.8	29.8	923.8	924.2	3.00	-3.00	0.00
2,900.0	23.94	88.15	2,625.1	31.2	966.7	967.2	3.00	-3.00	0.00
3,000.0	20.94	88.15	2,717.5	32.4	1,004.8	1,005.4	3.00	-3.00	0.00
3,100.0	17.94	88.15	2,811.8	33.5	1,038.1	1,038.6	3.00	-3.00	0.00
3,200.0	14.94	88.15	2,907.7	34.4	1,066.4	1,066.9	3.00	-3.00	0.00
3,300.0	11.94	88.15	3,004.9	35.1	1,089.6	1,090.2	3.00	-3.00	0.00
3,400.0	8.94	88.15	3,103.2	35.7	1,107.7	1,108.3	3.00	-3.00	0.00
3,477.5	6.61	88.15	3,180.0	36.0	1,118.2	1,118.8	3.00	-3.00	0.00
Wasatch Tongue									
3,500.0	5.94	88.15	3,202.4	36.1	1,120.6	1,121.2	3.00	-3.00	0.00
3,600.0	2.94	88.15	3,302.1	36.4	1,128.4	1,129.0	3.00	-3.00	0.00
3,698.0	0.00	0.00	3,400.0	36.4	1,130.9	1,131.5	3.00	-3.00	0.00
3,700.0	0.00	0.00	3,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
3,800.0	0.00	0.00	3,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
3,804.0	0.00	0.00	3,506.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Green River Tongue									
3,900.0	0.00	0.00	3,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
3,943.0	0.00	0.00	3,645.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Wasatch									
4,000.0	0.00	0.00	3,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,100.0	0.00	0.00	3,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,200.0	0.00	0.00	3,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

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)
4,300.0	0.00	0.00	4,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,400.0	0.00	0.00	4,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,500.0	0.00	0.00	4,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,600.0	0.00	0.00	4,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,700.0	0.00	0.00	4,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,800.0	0.00	0.00	4,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
4,900.0	0.00	0.00	4,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,000.0	0.00	0.00	4,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,100.0	0.00	0.00	4,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,200.0	0.00	0.00	4,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,300.0	0.00	0.00	5,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,400.0	0.00	0.00	5,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,500.0	0.00	0.00	5,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,600.0	0.00	0.00	5,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,700.0	0.00	0.00	5,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,800.0	0.00	0.00	5,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5,900.0	0.00	0.00	5,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,100.0	0.00	0.00	5,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,200.0	0.00	0.00	5,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,651.0	0.00	0.00	6,353.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Mesaverde									
6,700.0	0.00	0.00	6,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,100.0	0.00	0.00	6,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,200.0	0.00	0.00	6,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,100.0	0.00	0.00	7,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,200.0	0.00	0.00	7,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,202.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,302.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,402.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,502.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,602.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,702.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,100.0	0.00	0.00	8,802.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,200.0	0.00	0.00	8,902.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,002.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well BPU 7-23H
Company:	XTO Energy	TVD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Project:	Utah Wells (NAD 83)	MD Reference:	Rig KB @ 5486.0ft (Frontier 11)
Site:	BPU 7-23H	North Reference:	True
Well:	BPU 7-23H	Survey Calculation Method:	Minimum Curvature
Wellbore:	BPU 7-23H		
Design:	Permitted wellbore -- BPU 7-23H		

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)
9,324.0	0.00	0.00	9,026.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Castlegate									
9,400.0	0.00	0.00	9,102.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
9,482.0	0.00	0.00	9,184.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
Blackhawk									
9,498.0	0.00	0.00	9,200.0	36.4	1,130.9	1,131.5	0.00	0.00	0.00
5 1/2"									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
Proposed BHL -- BPU 7- - hit/miss target - Shape - Point	0.00	0.00	9,200.0	36.4	1,130.9	2,169,770.35	658,808.67	39° 50' 51.720 N	109° 38' 38.670 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)	
2,200.0	2,046.3	9 5/8"	9.625	12.250	
9,498.0	9,200.0	5 1/2"	5.500	7.875	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,477.5	3,180.0	Wasatch Tongue		0.00	
3,804.0	3,506.0	Green River Tongue		0.00	
3,943.0	3,645.0	Wasatch		0.00	
6,651.0	6,353.0	Mesaverde		0.00	
9,324.0	9,026.0	Castlegate		0.00	
9,482.0	9,184.0	Blackhawk		0.00	

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/15/2013

API NO. ASSIGNED: 43047536320000

WELL NAME: BPU 7-23H

OPERATOR: XTO ENERGY INC (N2615)

PHONE NUMBER: 303 397-3712

CONTACT: Richard L. Redus

PROPOSED LOCATION: SENW 23 110S 200E

Permit Tech Review:

SURFACE: 2005 FNL 2158 FWL

Engineering Review:

BOTTOM: 1980 FNL 1980 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 39.84767

LONGITUDE: -109.64814

UTM SURF EASTINGS: 615652.00

NORTHINGS: 4411725.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU81723

PROPOSED PRODUCING FORMATION(S): MESA VERDE

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - UTB-000128
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-10091
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit: BIG PACK
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-11
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
15 - Directional - dmason
23 - Spacing - dmason



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

Permit To Drill

Well Name: BPU 7-23H
API Well Number: 43047536320000
Lease Number: UTU81723
Surface Owner: FEDERAL
Approval Date: 3/12/2013

Issued to:

XTO ENERGY INC, PO Box 6501, Englewood, CO 80155

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

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.

Conditions of Approval:

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

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.

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

establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU81723
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: BIG PACK
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BPU 7-23H
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047536320000
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext
9. FIELD and POOL or WILDCAT: HILL CREEK	4. LOCATION OF WELL FOOTAGES AT SURFACE: 2005 FNL 2158 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 23 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: 1/9/2015	<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: March 10, 2014

By:

NAME (PLEASE PRINT) Sephra Baca	PHONE NUMBER 719 845-2103	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/6/2014	



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 43047536320000

API: 43047536320000

Well Name: BPU 7-23H

Location: 2005 FNL 2158 FWL QTR SENW SEC 23 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 3/12/2013

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: Sephra Baca

Date: 3/6/2014

Title: Regulatory Analyst 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: UTU81723
2. NAME OF OPERATOR: XTO ENERGY INC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	7. UNIT or CA AGREEMENT NAME: BIG PACK
PHONE NUMBER: 303 397-3727 Ext	8. WELL NAME and NUMBER: BPU 7-23H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2005 FNL 2158 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S	9. API NUMBER: 43047536320000
	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: 2/15/2016	<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
Feb 09, 2015
Oil, Gas and Mining

Date: _____

By: 

NAME (PLEASE PRINT) Malia Villers	PHONE NUMBER 303 397-3670	TITLE Lead Permitting Analyst
SIGNATURE N/A	DATE 2/6/2015	



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 43047536320000

API: 43047536320000

Well Name: BPU 7-23H

Location: 2005 FNL 2158 FWL QTR SENW SEC 23 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 3/12/2013

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: Malia Villers

Date: 2/6/2015

Title: Lead Permitting Analyst 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.	
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2. NAME OF OPERATOR: XTO ENERGY INC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	7. UNIT or CA AGREEMENT NAME: BIG PACK
PHONE NUMBER: 303 397-3727 Ext	8. WELL NAME and NUMBER: BPU 7-23H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2005 FNL 2158 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 23 Township: 11.0S Range: 20.0E Meridian: S	9. API NUMBER: 43047536320000
	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: 2/15/2017	<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 Inc. requests a one (1) year extension of the State APD for the referenced well.

Approved by the
February 25, 2016
Oil, Gas and Mining

Date: _____
By: 

NAME (PLEASE PRINT) Malia Villers	PHONE NUMBER 303 397-3670	TITLE Lead Permitting Analyst
SIGNATURE N/A	DATE 2/22/2016	



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 43047536320000

API: 43047536320000

Well Name: BPU 7-23H

Location: 2005 FNL 2158 FWL QTR SENW SEC 23 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 3/12/2013

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: Malia Villers

Date: 2/22/2016

Title: Lead Permitting Analyst 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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU81723
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3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	8. WELL NAME and NUMBER: BPU 7-23H
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9. FIELD and POOL or WILDCAT: HILL CREEK	COUNTY: UINTAH
9. API NUMBER: 43047536320000	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: 2/15/2018	<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 Inc. requests a one (1) year extension of the State APD for the referenced well.

Approved by the
February 01, 2017
Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Kelly Kardos	PHONE NUMBER 303-397-3727	TITLE Permitting Supervisor
SIGNATURE N/A	DATE 2/1/2017	



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 43047536320000

API: 43047536320000

Well Name: BPU 7-23H

Location: 2005 FNL 2158 FWL QTR SENW SEC 23 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 3/12/2013

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.

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- 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: Kelly Kardos

Date: 2/1/2017

Title: Permitting Supervisor Representing: XTO ENERGY INC