

September 18, 2007

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 - **Re-submission of previously expired APD RBU 16-20F**;

*Surface Location: 142' FSL & 906' FEL, SE/4 SE/4,*  
*Target Location: 750' FSL & 550' FEL, SE/4 SE/4,*  
Section 20, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of XTO Energy, Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced Ute Tribal administered directional well. **This is a re-submission of the previously submitted APD that previously expired.** 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 but is within 460' of the unit boundary in which the offset lease is operated by XTO Energy. Included with the APD is the following supplemental information:

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

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

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

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

Please accept this letter as XTO Energy's, written request for confidential treatment of all information contained in and pertaining to this application.

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

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for XTO Energy

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

RECEIVED

OCT 04 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

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

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-0143520A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator XTO Energy		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address P.O. Box 1360; 978 North Crescent Roosevelt, Utah 84066		8. Lease Name and Well No. RBU 16-20F
3b. Phone No. (include area code) 435-722-4521		9. API Well No. 43-047-39647
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 142' FSL & 906' FEL, SE/4 SE/4, At proposed prod. zone 750' FSL & 550' FEL, SE/4 SE/4,		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 11.23 miles south of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 20, T10S, R20E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 142'	16. No. of acres in lease 640	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 40 acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 750'	19. Proposed Depth 8,200' (8,266' MD)	20. BLM/BIA Bond No. on file UTB-000138
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,174' GR	22. Approximate date work will start* 12/01/2007	23. Estimated duration 14 days

24. Attachments

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

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

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 09/18/2007
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Title  
Agent for XTO Energy

Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 10-04-07
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Title  
Officer 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

Federal Approval of this  
Action is Necessary

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SEP 24 2007

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44201514

BHL

DIV. OF OIL, GAS & MINING

39.925865  
-109.681961

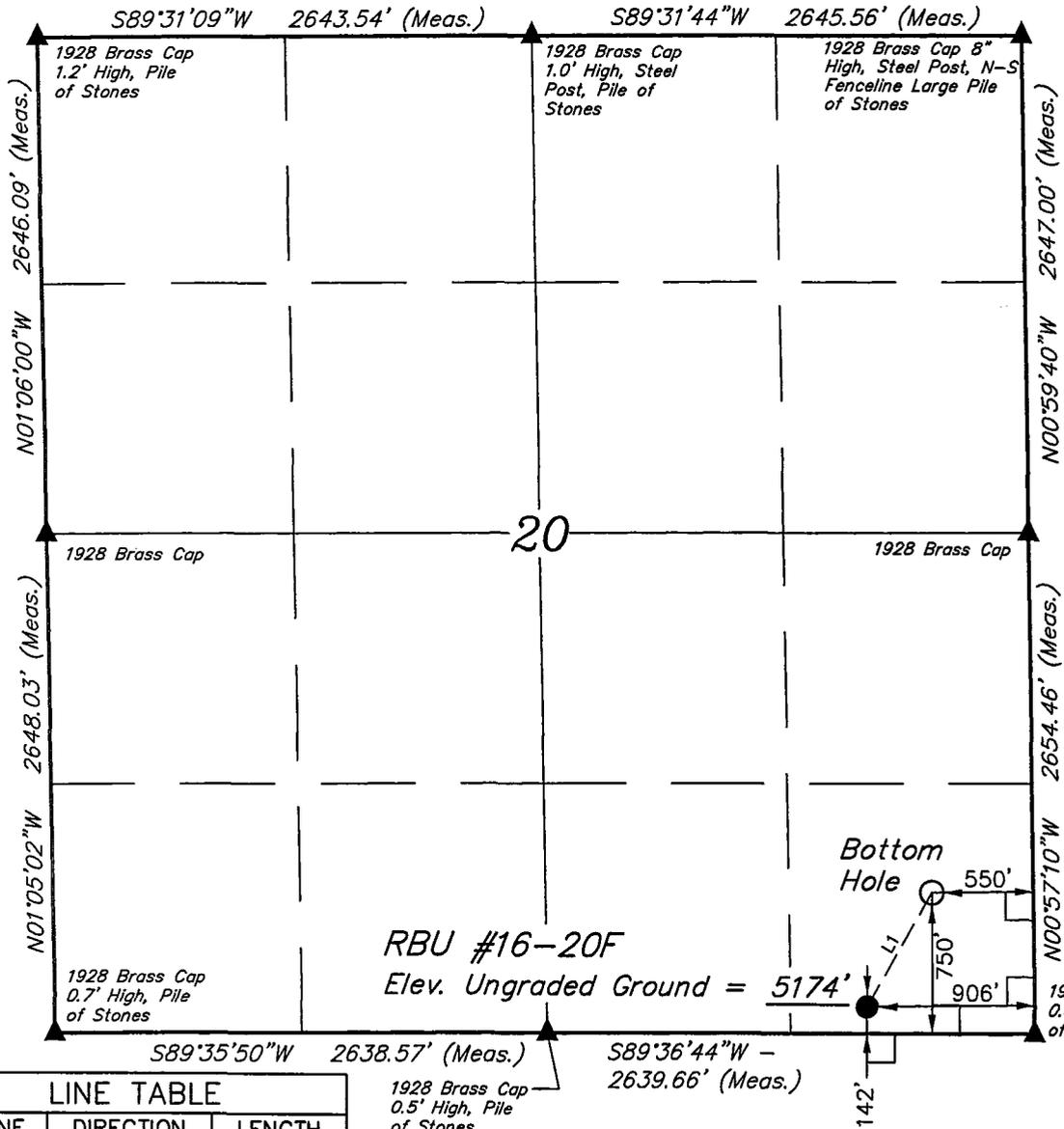
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# T10S, R20E, S.L.B.&M.

## DOMINION EXPLR. & PROD., INC.

Well location, RBU #16-20F, located as shown in the SE 1/4 SE 1/4 of Section 20, T10S, R20E, S.L.B.&M. Uintah County Utah.

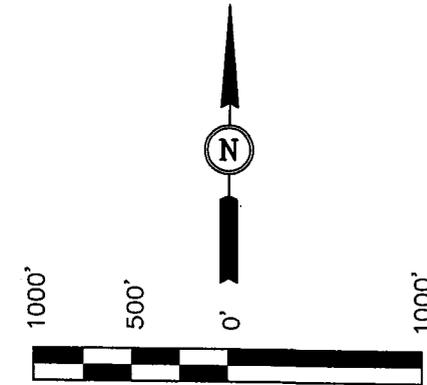


### BASIS OF ELEVATION

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

### BASIS OF BEARINGS

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



SCALE

### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY 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. 18133  
 STATE OF UTAH

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N29°33'23"E	701.92'

### LEGEND:

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

RBU #16-20F  
 Elev. Ungraded Ground = 5174'

(NAD 83)  
 LATITUDE = 39°55'33.10" (39.925861)  
 LONGITUDE = 109°40'57.55" (109.682653)  
 (NAD 27)  
 LATITUDE = 39°55'33.23" (39.925897)  
 LONGITUDE = 109°40'55.06" (109.681961)

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

SCALE 1" = 1000'	DATE SURVEYED: 8-30-05	DATE DRAWN: 9-19-05
PARTY B.B. J.R. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC.	

# DRILLING PLAN

## APPROVAL OF OPERATIONS

### Attachment for Permit to Drill

**Name of Operator:** XTO Energy  
**Address:** P.O. Box 1360; 978 North Crescent  
Roosevelt, Utah 84066  
**Well Location:** RBU 16-20F  
SHL: 142' FSL & 906' FEL Section 20-10S-20E  
BHL: 750' FSL & 550' FEL Section 20-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,045'
Green River Tongue	4,385'
Wasatch	4,535'
Chapita Wells	5,435'
Uteland Buttes	6,610'
Mesaverde	7,435'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,045'	Oil
Green River Tongue	4,385'	Oil
Wasatch	4,535'	Gas
Chapita Wells	5,435'	Gas
Uteland Buttes	6,610'	Gas
Mesaverde	7,435'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,200'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed.

The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

**CONFIDENTIAL**

**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP “stack” will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. **MUD SYSTEMS**

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0’ – 500’	8.4	Air foam mist, no pressure control
500’ – 2,800’	8.6	Fresh water, rotating head and diverter
2,800’ – 8,200’	8.6	Fresh water/2% KCL/KCL mud system

7. **BLOOIE LINE**

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A “target tee” connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- “Target tee” connections will be a minimum of 50’ from wellhead.
- The blooie line discharge will be a minimum of 100’ from the wellhead.

8. **AUXILIARY EQUIPMENT TO BE USED**

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. **TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED**

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. **ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED**

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. **WATER SUPPLY**

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

12. **CEMENT SYSTEMS**

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u> <u>Volume</u>	<u>Cement</u> <u>Volume</u>
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	644 CF	1,128 CF
Tail	390	2,000'-2,800'	15.6 ppg	1.18 CFS	251 CF	439 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-I and HR-7.  
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Pump Time: 1 hr. 5 min. @ 90 °F.  
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,200'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u> <u>Volume</u>	<u>Cement</u> <u>Volume</u>
Lead	60	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	187 CF
Tail	540	4,500'-8,500'	13.0 ppg	1.75 CFS	700 CF	945 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

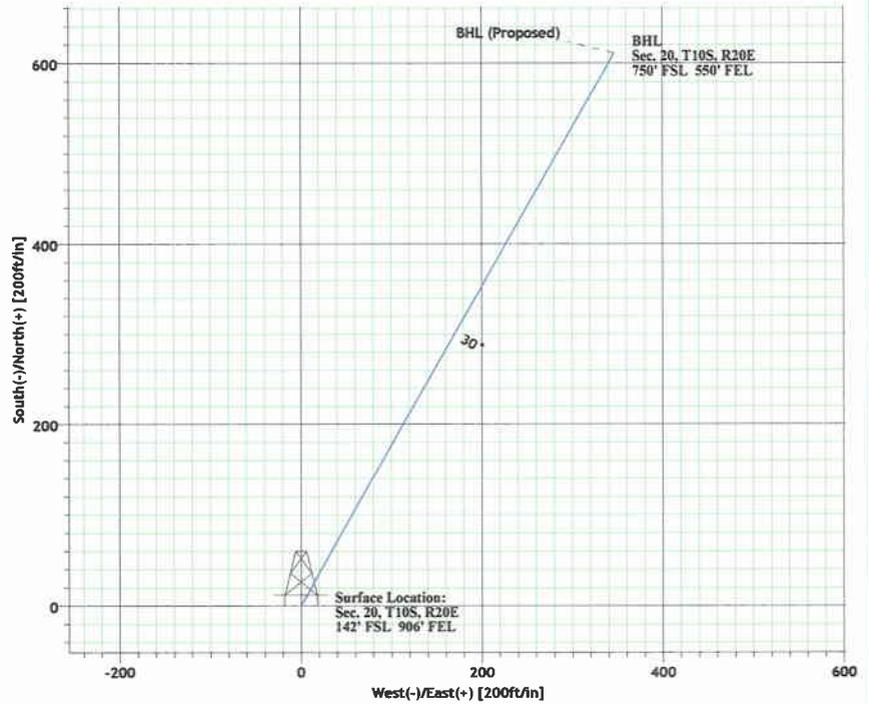
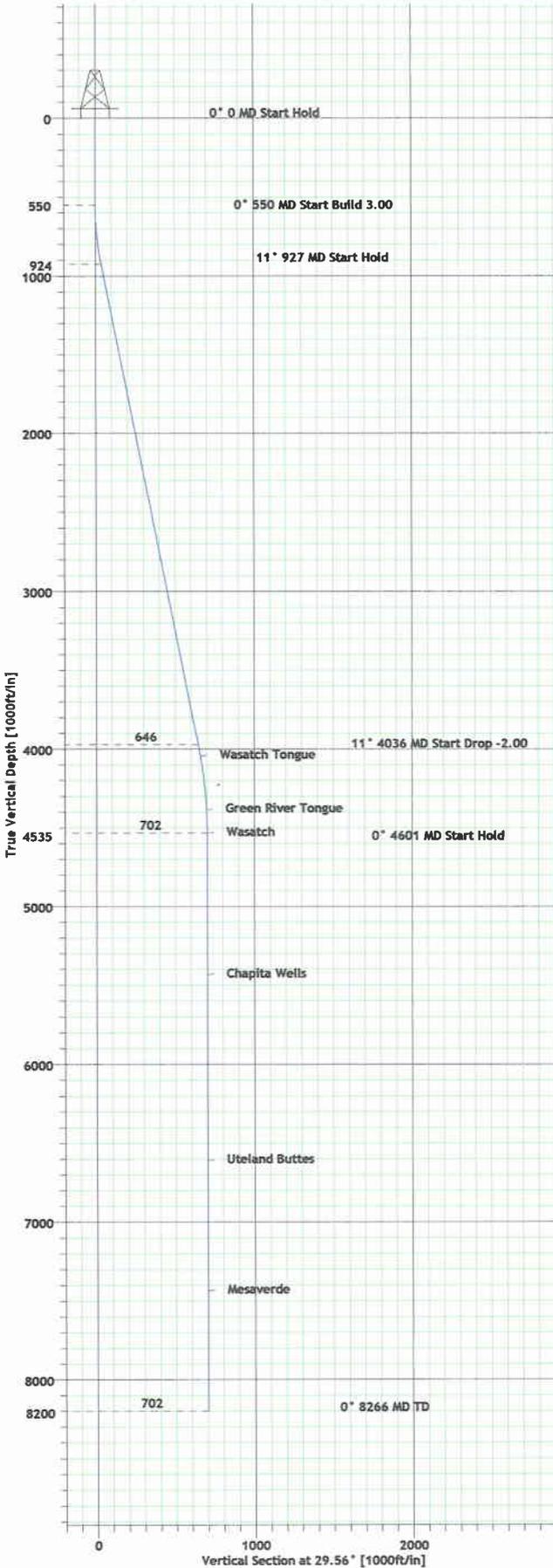
Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

13. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

Starting Date: December 1, 2007  
Duration: 14 Days

Well: RBU 16-20F  
 Field: River Bend Unit  
 Uintah Co. Utah  
 Sec. 20, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	29.56	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	29.56	550.00	0.00	0.00	0.00	29.56	0.00	
3	926.68	11.30	29.56	924.24	32.21	18.26	3.00	29.56	37.03	
4	4036.36	11.30	29.56	3973.63	562.27	318.84	0.00	0.00	646.38	
5	4601.38	0.00	29.56	4535.00	610.58	346.24	2.00	180.00	701.92	
6	8266.38	0.00	29.56	8200.00	610.58	346.24	0.00	29.56	701.92	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
RBU 16-20F	0.00	0.00	7146910.49	2150038.66	39°55'33.100N	109°40'57.550W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	4045.00	4108.96	Wasatch Tongue
2	4385.00	4451.31	Green River Tongue
3	4535.00	4601.38	Wasatch
4	5435.00	5501.38	Chapita Wells
5	6610.00	6676.38	Uteland Buttes
6	7435.00	7501.38	Mesaverde

WELLPATH DETAILS

Rig:	est.KB @ 5185'	0.00ft
Ref Datum:		
V. Section Angle	Origin +N/-S	Origin +E/-W
29.56°	0.00	0.00
	Starting From TVD	
	0.00	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre RBU 16-20F, True North  
 Vertical (TVD) Reference: est.KB @ 5185' 0.00  
 Section (VS) Reference: Site Centre (0.00N,0.00E)  
 Measured Depth Reference: est.KB @ 5185' 0.00  
 Calculation Method: Minimum Curvature



Azimuths to True North  
 Magnetic North: 11.84°

Magnetic Field  
 Strength: 52864nT  
 Dip Angle: 65.91°  
 Date: 12/16/2005  
 Model: igr2005

FIELD DETAILS

Natural Buttes Field  
 Uintah County, Utah  
 USA  
 Geodetic System: US State Plane Coordinate System 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah, Central Zone  
 Magnetic Model: igr2005  
 System Datum: Mean Sea Level  
 Local North: True North

SITE DETAILS

RBU 16-20F  
 River Bend Unit  
 Sec. 20, T10S, R20E  
 Site Centre Latitude: 39°55'33.100N  
 Longitude: 109°40'57.550W  
 Ground Level: 5166.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.16



# Ryan Energy Technologies Planning Report



<b>Company:</b> Dominion E & P	<b>Date:</b> 12/16/2005	<b>Time:</b> 12:42:03	<b>Page:</b> 1
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference Site:</b> RBU 16-20F, True North		
<b>Site:</b> RBU 16-20F	<b>Vertical (TVD) Reference est.KB @ 5185' 0.0</b>		
<b>Well:</b> RBU 16-20F	<b>Section (VS) Reference: Site (0.00N,0.00E,29.56Azi)</b>		
<b>Wellpath:</b> 1	<b>Plan:</b>	<b>Plan #1</b>	

<b>Field:</b> Natural Buttes Field Uintah County, Utah USA	<b>Map Zone:</b> Utah, Central Zone
<b>Map System:</b> US State Plane Coordinate System 1983	<b>Coordinate System:</b> Site Centre
<b>Geo Datum:</b> GRS 1980	<b>Geomagnetic Model:</b> igrf2005
<b>Sys Datum:</b> Mean Sea Level	

<b>Site:</b> RBU 16-20F River Bend Unit Sec. 20, T10S, R20E	
<b>Site Position:</b>	<b>Northing:</b> 7146910.49 ft <b>Latitude:</b> 39 55 33.100 N
<b>From:</b> Geographic	<b>Easting:</b> 2150038.66 ft <b>Longitude:</b> 109 40 57.550 W
<b>Position Uncertainty:</b> 0.00 ft	<b>North Reference:</b> True
<b>Ground Level:</b> 5166.00 ft	<b>Grid Convergence:</b> 1.16 deg

<b>Well:</b> RBU 16-20F	<b>Slot Name:</b>
<b>Surface Position:</b> +N/-S 0.00 ft <b>Northing:</b> 7146910.49 ft <b>Latitude:</b> 39 55 33.100 N	
+E/-W 0.00 ft <b>Easting:</b> 2150038.66 ft <b>Longitude:</b> 109 40 57.550 W	
<b>Position Uncertainty:</b> 0.00 ft	
<b>Reference Point:</b> +N/-S 0.00 ft <b>Northing:</b> 7146910.49 ft <b>Latitude:</b> 39 55 33.100 N	
+E/-W 0.00 ft <b>Easting:</b> 2150038.66 ft <b>Longitude:</b> 109 40 57.550 W	
	<b>Measured Depth:</b> 0.00 ft <b>Inclination:</b> 0.00 deg
	<b>Vertical Depth:</b> 0.00 ft <b>Azimuth:</b> 0.00 deg

<b>Wellpath:</b> 1	<b>Drilled From:</b> Well Ref. Point
<b>Current Datum:</b> est.KB @ 5185'	<b>Tie-on Depth:</b> 0.00 ft
<b>Magnetic Data:</b> 12/16/2005	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 52864 nT	<b>Declination:</b> 11.84 deg
<b>Vertical Section: Depth From (TVD)</b>	<b>Mag Dip Angle:</b> 65.91 deg
ft	+N/-S    Direction
	ft    deg
0.00	0.00    29.56

<b>Plan:</b> Plan #1	<b>Date Composed:</b> 12/16/2005
<b>Principal:</b> Yes	<b>Version:</b> 1
	<b>Tied-to:</b> From Well Ref. Point

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	29.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
550.00	0.00	29.56	550.00	0.00	0.00	0.00	0.00	0.00	29.56	
926.68	11.30	29.56	924.24	32.21	18.26	3.00	3.00	0.00	29.56	
4036.36	11.30	29.56	3973.63	562.27	318.84	0.00	0.00	0.00	0.00	
4601.38	0.00	29.56	4535.00	610.58	346.24	2.00	-2.00	0.00	180.00	
8266.38	0.00	29.56	8200.00	610.58	346.24	0.00	0.00	0.00	29.56	

**Section 1 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	29.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	29.56	100.00	0.00	0.00	0.00	0.00	0.00	0.00	29.56
200.00	0.00	29.56	200.00	0.00	0.00	0.00	0.00	0.00	0.00	29.56
300.00	0.00	29.56	300.00	0.00	0.00	0.00	0.00	0.00	0.00	29.56
400.00	0.00	29.56	400.00	0.00	0.00	0.00	0.00	0.00	0.00	29.56
500.00	0.00	29.56	500.00	0.00	0.00	0.00	0.00	0.00	0.00	29.56
550.00	0.00	29.56	550.00	0.00	0.00	0.00	0.00	0.00	0.00	29.56

**Section 2 : Start Build 3.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.50	29.56	599.99	0.57	0.32	0.65	3.00	3.00	0.00	0.00
700.00	4.50	29.56	699.85	5.12	2.90	5.89	3.00	3.00	0.00	0.00



<b>Company:</b> Dominion E & P	<b>Date:</b> 12/16/2005	<b>Time:</b> 12:42:03	<b>Page:</b> 2
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference Site:</b> RBU 16-20F, True North		
<b>Site:</b> RBU 16-20F	<b>Vertical (TVD) Reference:</b> est.KB @ 5185' 0.0		
<b>Well:</b> RBU 16-20F	<b>Section (VS) Reference:</b> Site (0.00N,0.00E,29.56Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b>	<b>Plan #1</b>	

**Section 2 : Start Build 3.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	7.50	29.56	799.29	14.21	8.06	16.34	3.00	3.00	0.00	0.00
900.00	10.50	29.56	898.04	27.82	15.78	31.98	3.00	3.00	0.00	0.00
926.68	11.30	29.56	924.24	32.21	18.26	37.03	3.00	3.00	0.00	0.00

**Section 3 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1000.00	11.30	29.56	996.14	44.71	25.35	51.39	0.00	0.00	0.00	0.00
1100.00	11.30	29.56	1094.20	61.75	35.02	70.99	0.00	0.00	0.00	0.00
1200.00	11.30	29.56	1192.26	78.80	44.68	90.58	0.00	0.00	0.00	0.00
1300.00	11.30	29.56	1290.33	95.84	54.35	110.18	0.00	0.00	0.00	0.00
1400.00	11.30	29.56	1388.39	112.89	64.01	129.77	0.00	0.00	0.00	0.00
1500.00	11.30	29.56	1486.45	129.93	73.68	149.37	0.00	0.00	0.00	0.00
1600.00	11.30	29.56	1584.51	146.98	83.35	168.97	0.00	0.00	0.00	0.00
1700.00	11.30	29.56	1682.57	164.02	93.01	188.56	0.00	0.00	0.00	0.00
1800.00	11.30	29.56	1780.63	181.07	102.68	208.16	0.00	0.00	0.00	0.00
1900.00	11.30	29.56	1878.69	198.12	112.34	227.75	0.00	0.00	0.00	0.00
2000.00	11.30	29.56	1976.75	215.16	122.01	247.35	0.00	0.00	0.00	0.00
2100.00	11.30	29.56	2074.82	232.21	131.68	266.94	0.00	0.00	0.00	0.00
2200.00	11.30	29.56	2172.88	249.25	141.34	286.54	0.00	0.00	0.00	0.00
2300.00	11.30	29.56	2270.94	266.30	151.01	306.13	0.00	0.00	0.00	0.00
2400.00	11.30	29.56	2369.00	283.34	160.67	325.73	0.00	0.00	0.00	0.00
2500.00	11.30	29.56	2467.06	300.39	170.34	345.32	0.00	0.00	0.00	0.00
2600.00	11.30	29.56	2565.12	317.43	180.01	364.92	0.00	0.00	0.00	0.00
2700.00	11.30	29.56	2663.18	334.48	189.67	384.51	0.00	0.00	0.00	0.00
2800.00	11.30	29.56	2761.24	351.52	199.34	404.11	0.00	0.00	0.00	0.00
2900.00	11.30	29.56	2859.31	368.57	209.00	423.71	0.00	0.00	0.00	0.00
3000.00	11.30	29.56	2957.37	385.62	218.67	443.30	0.00	0.00	0.00	0.00
3100.00	11.30	29.56	3055.43	402.66	228.34	462.90	0.00	0.00	0.00	0.00
3200.00	11.30	29.56	3153.49	419.71	238.00	482.49	0.00	0.00	0.00	0.00
3300.00	11.30	29.56	3251.55	436.75	247.67	502.09	0.00	0.00	0.00	0.00
3400.00	11.30	29.56	3349.61	453.80	257.33	521.68	0.00	0.00	0.00	0.00
3500.00	11.30	29.56	3447.67	470.84	267.00	541.28	0.00	0.00	0.00	0.00
3600.00	11.30	29.56	3545.74	487.89	276.67	560.87	0.00	0.00	0.00	0.00
3700.00	11.30	29.56	3643.80	504.93	286.33	580.47	0.00	0.00	0.00	0.00
3800.00	11.30	29.56	3741.86	521.98	296.00	600.06	0.00	0.00	0.00	0.00
3900.00	11.30	29.56	3839.92	539.02	305.66	619.66	0.00	0.00	0.00	0.00
4000.00	11.30	29.56	3937.98	556.07	315.33	639.26	0.00	0.00	0.00	0.00
4036.36	11.30	29.56	3973.63	562.27	318.84	646.38	0.00	0.00	0.00	0.00

**Section 4 : Start Drop -2.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4100.00	10.03	29.56	4036.18	572.51	324.65	658.16	2.00	-2.00	0.00	180.00
4108.96	9.85	29.56	4045.00	573.86	325.42	659.70	2.00	-2.00	0.00	-180.00
4200.00	8.03	29.56	4134.93	586.16	332.39	673.85	2.00	-2.00	0.00	180.00
4300.00	6.03	29.56	4234.18	596.80	338.43	686.08	2.00	-2.00	0.00	180.00
4400.00	4.03	29.56	4333.79	604.43	342.75	694.84	2.00	-2.00	0.00	180.00
4451.31	3.00	29.56	4385.00	607.16	344.30	697.99	2.00	-2.00	0.00	-180.00
4500.00	2.03	29.56	4433.64	609.02	345.36	700.13	2.00	-2.00	0.00	180.00
4601.38	0.00	29.56	4535.00	610.58	346.24	701.92	2.00	-2.00	0.00	-180.00

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4700.00	0.00	29.56	4633.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
4800.00	0.00	29.56	4733.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
4900.00	0.00	29.56	4833.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5000.00	0.00	29.56	4933.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5100.00	0.00	29.56	5033.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5200.00	0.00	29.56	5133.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56



# Ryan Energy Technologies Planning Report



<b>Company:</b> Dominion E & P	<b>Date:</b> 12/16/2005	<b>Time:</b> 12:42:03	<b>Page:</b> 3
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference Site:</b> RBU 16-20F, True North		
<b>Site:</b> RBU 16-20F	<b>Vertical (TVD) Reference:</b> east.KB @ 5185' 0.0		
<b>Well:</b> RBU 16-20F	<b>Section (VS) Reference:</b> Site (0.00N,0.00E,29.56Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b>	<b>Plan #1</b>	

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5300.00	0.00	29.56	5233.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5400.00	0.00	29.56	5333.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5500.00	0.00	29.56	5433.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5501.38	0.00	29.56	5435.00	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5600.00	0.00	29.56	5533.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5700.00	0.00	29.56	5633.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5800.00	0.00	29.56	5733.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
5900.00	0.00	29.56	5833.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6000.00	0.00	29.56	5933.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6100.00	0.00	29.56	6033.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6200.00	0.00	29.56	6133.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6300.00	0.00	29.56	6233.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6400.00	0.00	29.56	6333.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6500.00	0.00	29.56	6433.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6600.00	0.00	29.56	6533.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6676.38	0.00	29.56	6610.00	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6700.00	0.00	29.56	6633.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6800.00	0.00	29.56	6733.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
6900.00	0.00	29.56	6833.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7000.00	0.00	29.56	6933.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7100.00	0.00	29.56	7033.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7200.00	0.00	29.56	7133.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7300.00	0.00	29.56	7233.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7400.00	0.00	29.56	7333.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7500.00	0.00	29.56	7433.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7501.38	0.00	29.56	7435.00	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7600.00	0.00	29.56	7533.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7700.00	0.00	29.56	7633.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7800.00	0.00	29.56	7733.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
7900.00	0.00	29.56	7833.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
8000.00	0.00	29.56	7933.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
8100.00	0.00	29.56	8033.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
8200.00	0.00	29.56	8133.62	610.58	346.24	701.92	0.00	0.00	0.00	29.56
8266.38	0.00	29.56	8200.00	610.58	346.24	701.92	0.00	0.00	0.00	29.56

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	29.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	29.56	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	29.56	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	29.56	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	29.56	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	29.56	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	29.56	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.50	29.56	599.99	0.57	0.32	0.65	3.00	3.00	0.00	
700.00	4.50	29.56	699.85	5.12	2.90	5.89	3.00	3.00	0.00	
800.00	7.50	29.56	799.29	14.21	8.06	16.34	3.00	3.00	0.00	
900.00	10.50	29.56	898.04	27.82	15.78	31.98	3.00	3.00	0.00	
926.68	11.30	29.56	924.24	32.21	18.26	37.03	3.00	3.00	0.00	
1000.00	11.30	29.56	996.14	44.71	25.35	51.39	0.00	0.00	0.00	
1100.00	11.30	29.56	1094.20	61.75	35.02	70.99	0.00	0.00	0.00	
1200.00	11.30	29.56	1192.26	78.80	44.68	90.58	0.00	0.00	0.00	
1300.00	11.30	29.56	1290.33	95.84	54.35	110.18	0.00	0.00	0.00	
1400.00	11.30	29.56	1388.39	112.89	64.01	129.77	0.00	0.00	0.00	
1500.00	11.30	29.56	1486.45	129.93	73.68	149.37	0.00	0.00	0.00	
1600.00	11.30	29.56	1584.51	146.98	83.35	168.97	0.00	0.00	0.00	
1700.00	11.30	29.56	1682.57	164.02	93.01	188.56	0.00	0.00	0.00	
1800.00	11.30	29.56	1780.63	181.07	102.68	208.16	0.00	0.00	0.00	



# Ryan Energy Technologies

## Planning Report



<b>Company:</b> Dominion E & P	<b>Date:</b> 12/16/2005	<b>Time:</b> 12:42:03	<b>Page:</b> 4
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference:</b> RBU 16-20F, True North		
<b>Site:</b> RBU 16-20F	<b>Vertical (TVD) Reference:</b> KB @ 5185' 0.0		
<b>Well:</b> RBU 16-20F	<b>Section (VS) Reference:</b> Site (0.00N,0.00E,29.56Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b>	<b>Plan #1</b>	

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	11.30	29.56	1878.69	198.12	112.34	227.75	0.00	0.00	0.00	
2000.00	11.30	29.56	1976.75	215.16	122.01	247.35	0.00	0.00	0.00	
2100.00	11.30	29.56	2074.82	232.21	131.68	266.94	0.00	0.00	0.00	
2200.00	11.30	29.56	2172.88	249.25	141.34	286.54	0.00	0.00	0.00	
2300.00	11.30	29.56	2270.94	266.30	151.01	306.13	0.00	0.00	0.00	
2400.00	11.30	29.56	2369.00	283.34	160.67	325.73	0.00	0.00	0.00	
2500.00	11.30	29.56	2467.06	300.39	170.34	345.32	0.00	0.00	0.00	
2600.00	11.30	29.56	2565.12	317.43	180.01	364.92	0.00	0.00	0.00	
2700.00	11.30	29.56	2663.18	334.48	189.67	384.51	0.00	0.00	0.00	
2800.00	11.30	29.56	2761.24	351.52	199.34	404.11	0.00	0.00	0.00	
2900.00	11.30	29.56	2859.31	368.57	209.00	423.71	0.00	0.00	0.00	
3000.00	11.30	29.56	2957.37	385.62	218.67	443.30	0.00	0.00	0.00	
3100.00	11.30	29.56	3055.43	402.66	228.34	462.90	0.00	0.00	0.00	
3200.00	11.30	29.56	3153.49	419.71	238.00	482.49	0.00	0.00	0.00	
3300.00	11.30	29.56	3251.55	436.75	247.67	502.09	0.00	0.00	0.00	
3400.00	11.30	29.56	3349.61	453.80	257.33	521.68	0.00	0.00	0.00	
3500.00	11.30	29.56	3447.67	470.84	267.00	541.28	0.00	0.00	0.00	
3600.00	11.30	29.56	3545.74	487.89	276.67	560.87	0.00	0.00	0.00	
3700.00	11.30	29.56	3643.80	504.93	286.33	580.47	0.00	0.00	0.00	
3800.00	11.30	29.56	3741.86	521.98	296.00	600.06	0.00	0.00	0.00	
3900.00	11.30	29.56	3839.92	539.02	305.66	619.66	0.00	0.00	0.00	
4000.00	11.30	29.56	3937.98	556.07	315.33	639.26	0.00	0.00	0.00	
4036.36	11.30	29.56	3973.63	562.27	318.84	646.38	0.00	0.00	0.00	
4100.00	10.03	29.56	4036.18	572.51	324.65	658.16	2.00	-2.00	0.00	
4108.96	9.85	29.56	4045.00	573.86	325.42	659.70	2.00	-2.00	0.00	Wasatch Tongue
4200.00	8.03	29.56	4134.93	586.16	332.39	673.85	2.00	-2.00	0.00	
4300.00	6.03	29.56	4234.18	596.80	338.43	686.08	2.00	-2.00	0.00	
4400.00	4.03	29.56	4333.79	604.43	342.75	694.84	2.00	-2.00	0.00	
4451.31	3.00	29.56	4385.00	607.16	344.30	697.99	2.00	-2.00	0.00	Green River Tongue
4500.00	2.03	29.56	4433.64	609.02	345.36	700.13	2.00	-2.00	0.00	
4601.38	0.00	29.56	4535.00	610.58	346.24	701.92	2.00	-2.00	0.00	Wasatch
4700.00	0.00	29.56	4633.62	610.58	346.24	701.92	0.00	0.00	0.00	
4800.00	0.00	29.56	4733.62	610.58	346.24	701.92	0.00	0.00	0.00	
4900.00	0.00	29.56	4833.62	610.58	346.24	701.92	0.00	0.00	0.00	
5000.00	0.00	29.56	4933.62	610.58	346.24	701.92	0.00	0.00	0.00	
5100.00	0.00	29.56	5033.62	610.58	346.24	701.92	0.00	0.00	0.00	
5200.00	0.00	29.56	5133.62	610.58	346.24	701.92	0.00	0.00	0.00	
5300.00	0.00	29.56	5233.62	610.58	346.24	701.92	0.00	0.00	0.00	
5400.00	0.00	29.56	5333.62	610.58	346.24	701.92	0.00	0.00	0.00	
5500.00	0.00	29.56	5433.62	610.58	346.24	701.92	0.00	0.00	0.00	
5501.38	0.00	29.56	5435.00	610.58	346.24	701.92	0.00	0.00	0.00	Chapita Wells
5600.00	0.00	29.56	5533.62	610.58	346.24	701.92	0.00	0.00	0.00	
5700.00	0.00	29.56	5633.62	610.58	346.24	701.92	0.00	0.00	0.00	
5800.00	0.00	29.56	5733.62	610.58	346.24	701.92	0.00	0.00	0.00	
5900.00	0.00	29.56	5833.62	610.58	346.24	701.92	0.00	0.00	0.00	
6000.00	0.00	29.56	5933.62	610.58	346.24	701.92	0.00	0.00	0.00	
6100.00	0.00	29.56	6033.62	610.58	346.24	701.92	0.00	0.00	0.00	
6200.00	0.00	29.56	6133.62	610.58	346.24	701.92	0.00	0.00	0.00	
6300.00	0.00	29.56	6233.62	610.58	346.24	701.92	0.00	0.00	0.00	
6400.00	0.00	29.56	6333.62	610.58	346.24	701.92	0.00	0.00	0.00	
6500.00	0.00	29.56	6433.62	610.58	346.24	701.92	0.00	0.00	0.00	
6600.00	0.00	29.56	6533.62	610.58	346.24	701.92	0.00	0.00	0.00	
6676.38	0.00	29.56	6610.00	610.58	346.24	701.92	0.00	0.00	0.00	Uteland Buttes
6700.00	0.00	29.56	6633.62	610.58	346.24	701.92	0.00	0.00	0.00	



# Ryan Energy Technologies

## Planning Report



<b>Company:</b> Dominion E & P	<b>Date:</b> 12/16/2005	<b>Time:</b> 12:42:03	<b>Page:</b> 5
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference Site:</b> RBU 16-20F, True North		
<b>Site:</b> RBU 16-20F	<b>Vertical (TVD) Reference:</b> est.KB @ 5185' 0.0		
<b>Well:</b> RBU 16-20F	<b>Section (VS) Reference:</b> Site (0.00N,0.00E,29.56Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b> Plan #1		

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6800.00	0.00	29.56	6733.62	610.58	346.24	701.92	0.00	0.00	0.00	
6900.00	0.00	29.56	6833.62	610.58	346.24	701.92	0.00	0.00	0.00	
7000.00	0.00	29.56	6933.62	610.58	346.24	701.92	0.00	0.00	0.00	
7100.00	0.00	29.56	7033.62	610.58	346.24	701.92	0.00	0.00	0.00	
7200.00	0.00	29.56	7133.62	610.58	346.24	701.92	0.00	0.00	0.00	
7300.00	0.00	29.56	7233.62	610.58	346.24	701.92	0.00	0.00	0.00	
7400.00	0.00	29.56	7333.62	610.58	346.24	701.92	0.00	0.00	0.00	
7500.00	0.00	29.56	7433.62	610.58	346.24	701.92	0.00	0.00	0.00	
7501.38	0.00	29.56	7435.00	610.58	346.24	701.92	0.00	0.00	0.00	Mesaverde
7600.00	0.00	29.56	7533.62	610.58	346.24	701.92	0.00	0.00	0.00	
7700.00	0.00	29.56	7633.62	610.58	346.24	701.92	0.00	0.00	0.00	
7800.00	0.00	29.56	7733.62	610.58	346.24	701.92	0.00	0.00	0.00	
7900.00	0.00	29.56	7833.62	610.58	346.24	701.92	0.00	0.00	0.00	
8000.00	0.00	29.56	7933.62	610.58	346.24	701.92	0.00	0.00	0.00	
8100.00	0.00	29.56	8033.62	610.58	346.24	701.92	0.00	0.00	0.00	
8200.00	0.00	29.56	8133.62	610.58	346.24	701.92	0.00	0.00	0.00	
8266.38	0.00	29.56	8200.00	610.58	346.24	701.92	0.00	0.00	0.00	BHL (Proposed)

**Formations**

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4108.96	4045.00	Wasatch Tongue		0.00	0.00
4451.31	4385.00	Green River Tongue		0.00	0.00
4601.38	4535.00	Wasatch		0.00	0.00
5501.38	5435.00	Chapita Wells		0.00	0.00
6676.38	6610.00	Uteland Buttes		0.00	0.00
7501.38	7435.00	Mesaverde		0.00	0.00

**Annotation**

MD ft	TVD ft	
550.00	550.00	KOP
8266.38	8200.00	BHL (Proposed)

**SURFACE USE PLAN**

**CONDITIONS OF APPROVAL**

*Attachment for Permit to Drill*

**Name of Operator:** XTO Energy  
**Address:** P.O. Box 1360; 978 North Crescent  
Roosevelt, Utah 84066  
**Well Location:** RBU 16-20F  
SHL: 142' FSL & 906' FEL Section 20-10S-20E  
BHL: 750' FSL & 550' FEL Section 20-10S-20E  
Uintah County, UT

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

The tribal onsite inspection for the referenced well was conducted on Wednesday, November 9, 2005 at approximately 11:00 am. In attendance at the onsite inspection were the following individuals:

Dustin Nephi	Technician	Ute Indian Tribe–Energy & Minerals
Nicole Mortensen	Environmental Protection Spec.	Uintah & Ouray Agency - BIA
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Ken Secrest	Field Foreman	XTO Energy
David Weston	Engineer	Uintah Engineering & Land Surveying
Randy Jackson	Foreman	Jackson Construction
Erik LaRose	Foreman	La Rose Construction
Don Hamilton	Agent	Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 11.23 miles south of Ouray, UT.
- 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 River Bend Unit. 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 or utility corridor since both are located within the existing River Bend Unit boundary.
- h. A tribal right-of-way has been submitted for the wellsite, access and pipeline disturbances on Ute Indian Tribe surface.

2. Planned Access Roads:

- a. From the existing HCU 5-28F access road an access is proposed trending northwest approximately 0.1 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across tribal lands.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project with minor cuts and fills required to access the well.
- f. No turnouts are proposed since the access road is only 0.1 miles long and adequate site distance exists in all directions.
- g. No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

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

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown 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 gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southwest side of the well site and traverse 437' southwest to the existing pipeline corridor that services the HCU 5-28F. The pipeline crosses entirely tribal surface.
- i. The new gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 437' is associated with this well.
- j. XTO Energy intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. XTO Energy intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

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 Disposal:

- 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 southeast 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 12 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 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.

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 southwest.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the Ute Tribe 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 of 355' X 200'; 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:

- 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. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Tribal 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.
- c. 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 recontoured to the approximate natural contours.

- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding 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 Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026, 435-722-4300.
- 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. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. 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. **Materials stockpile will be located at pad corner 6 or A.**

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Agent for XTO Energy	Don Hamilton	1-435-637-4075

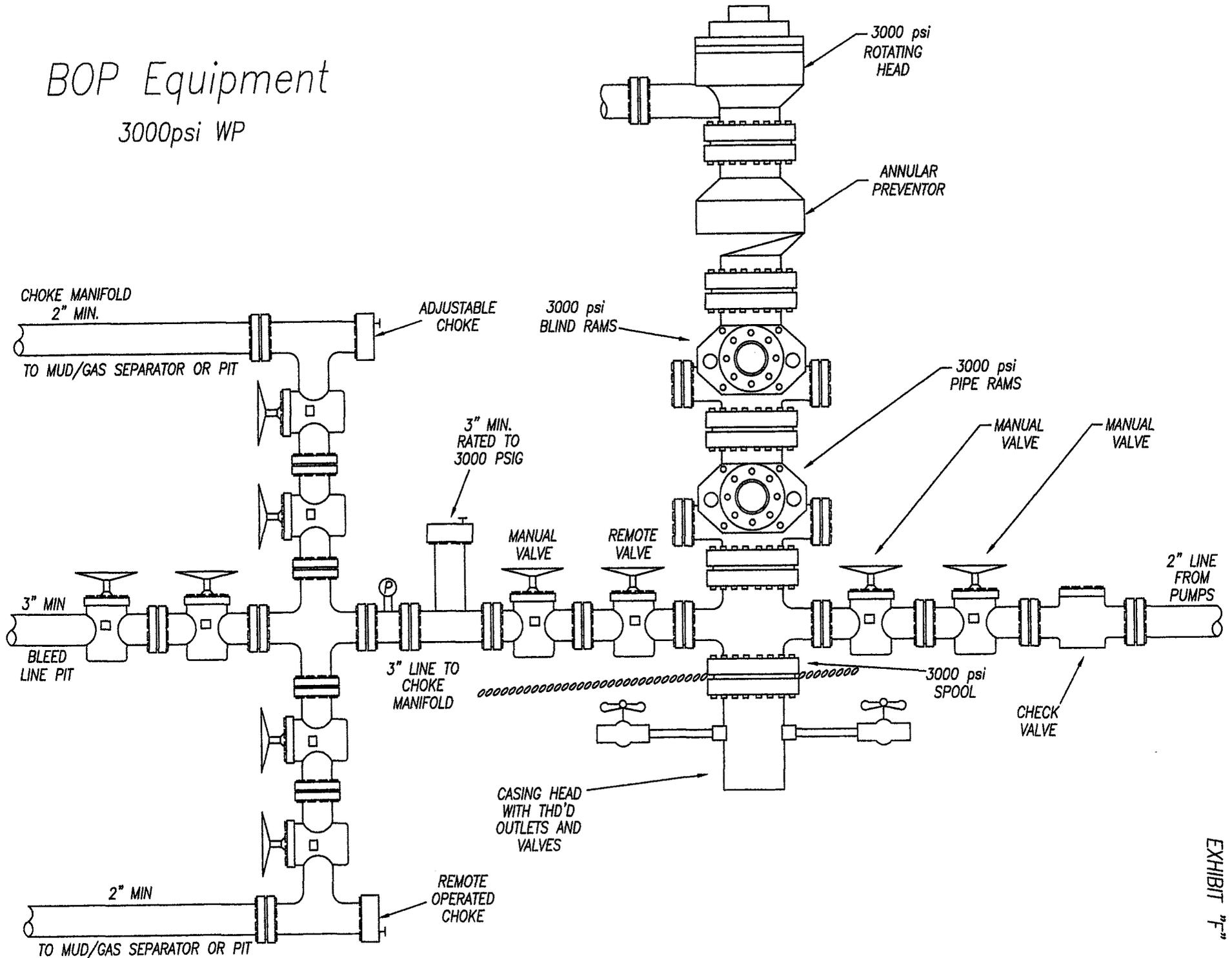
Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; 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 by XTO Energy and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under XTO Energy's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: Sept 18, 2007

# BOP Equipment

3000psi WP



# DOMINION EXPLR. & PROD., INC.

RBU #16-20F

SECTION 20, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.15 MILES.

DOMINION EXPLR. & PROD., INC.

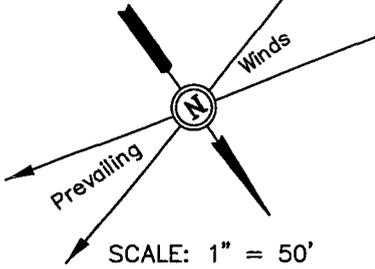
LOCATION LAYOUT FOR

RBU #16-20F

SECTION 20, T10S, R20E, S.L.B.&M.

142' FSL 906' FEL

Section 29  
Section 20

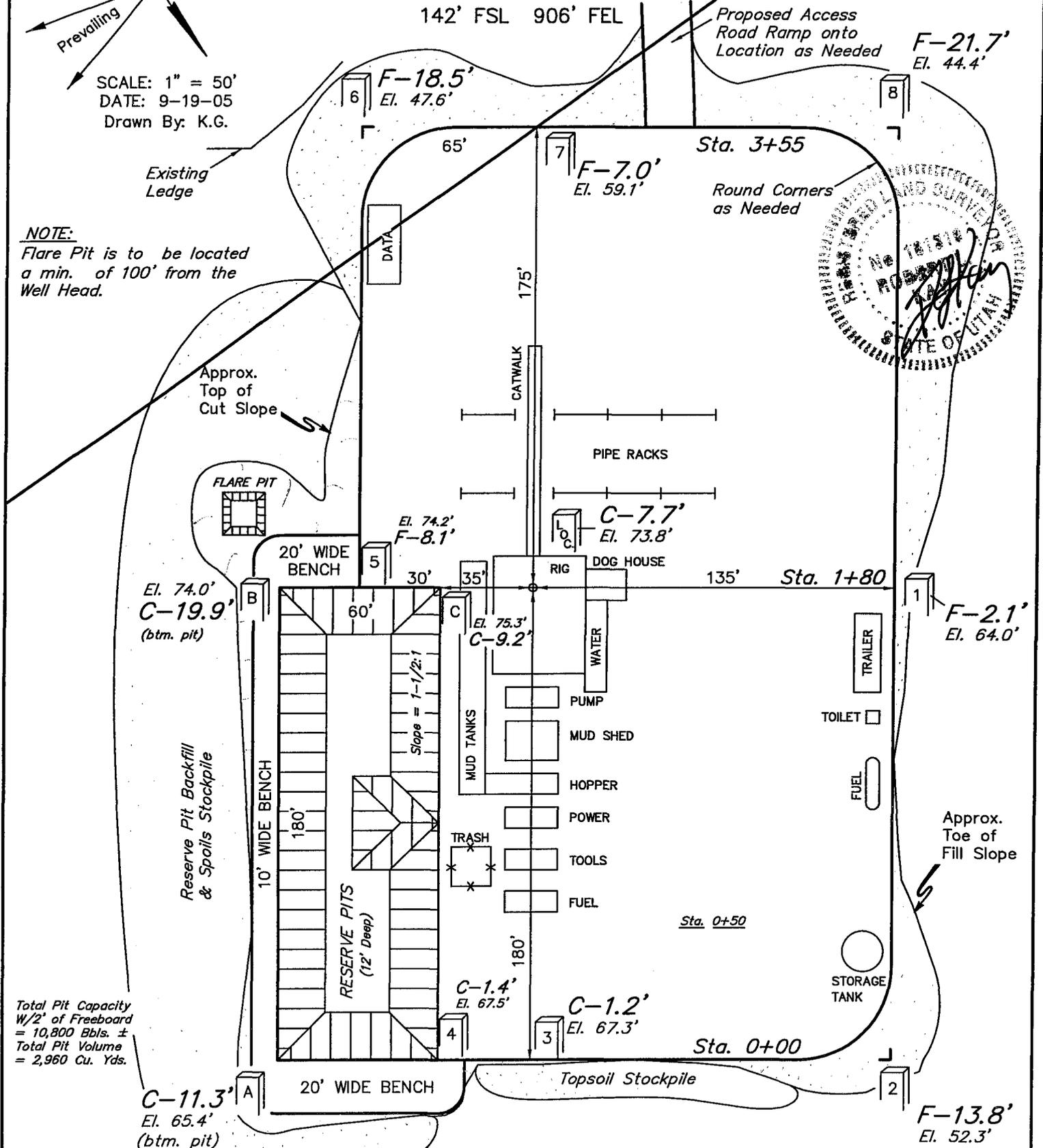
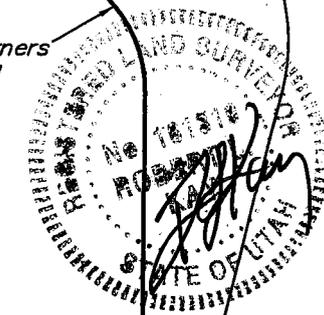


SCALE: 1" = 50'  
DATE: 9-19-05  
Drawn By: K.G.

Proposed Access Road Ramp onto Location as Needed

F-21.7'  
El. 44.4'

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



Total Pit Capacity W/2' of Freeboard = 10,800 Bbls. ±  
Total Pit Volume = 2,960 Cu. Yds.

C-11.3'  
El. 65.4'  
(btm. pit)

Elev. Ungraded Ground at Location Stake = 5173.8'  
Elev. Graded Ground at Location Stake = 5166.1'

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

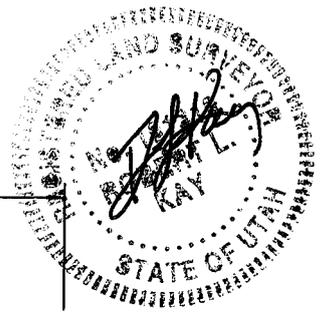
**DOMINION EXPLR. & PROD., INC.**

**TYPICAL CROSS SECTIONS FOR**

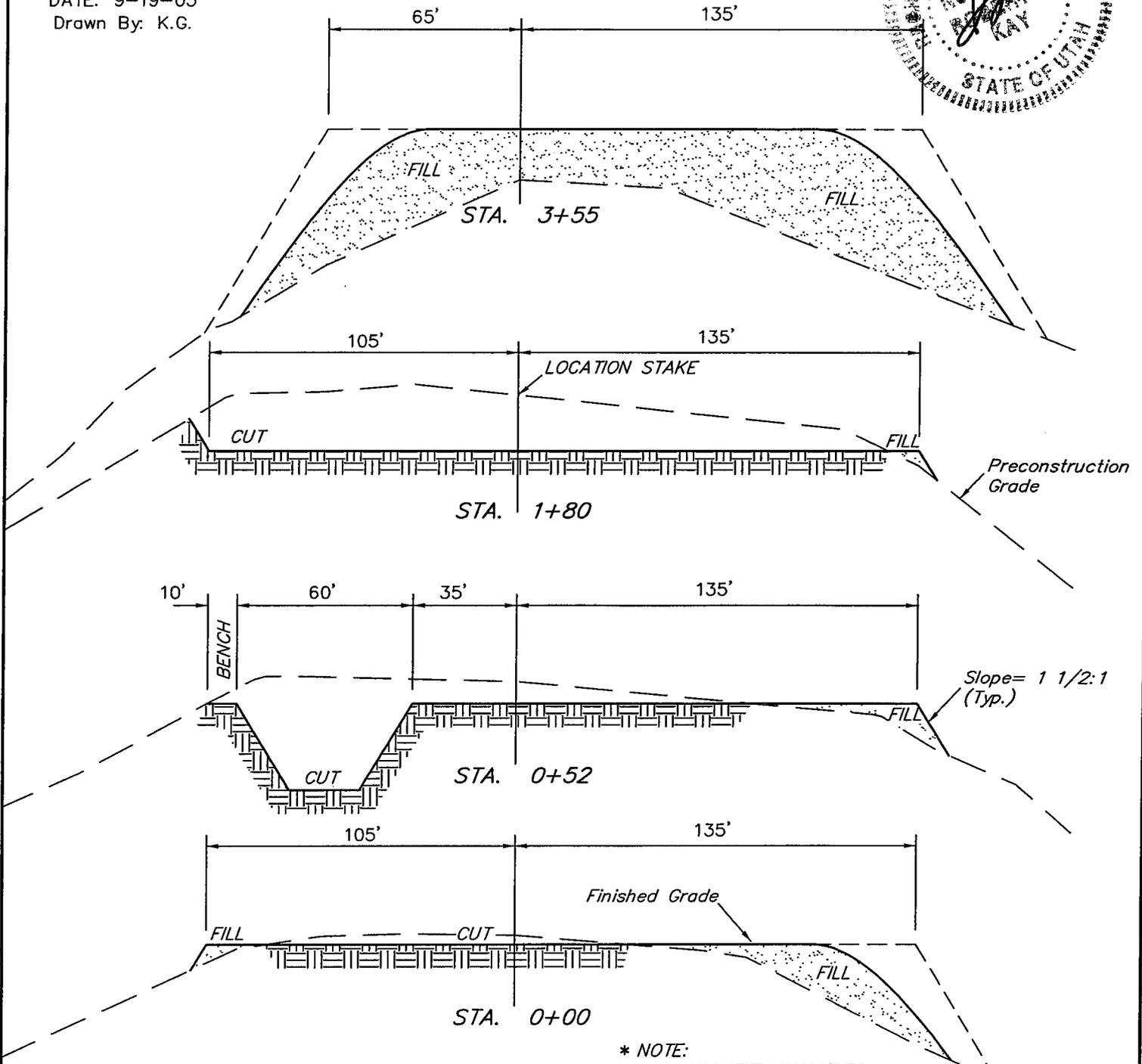
RBU #16-20F

SECTION 20, T10S, R20E, S.L.B.&M.

142' FSL 906' FEL



1" = 20'  
X-Section Scale  
1" = 50'  
DATE: 9-19-05  
Drawn By: K.G.



**APPROXIMATE YARDAGES**

<b>CUT</b>	
(12") Topsoil Stripping	= 3,790 Cu. Yds.
Remaining Location	= 10,650 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 14,440 CU.YDS.</b>
<b>FILL</b>	<b>= 9,170 CU.YDS.</b>

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

EXCESS MATERIAL	= 5,270 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,270 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

# DOMINION EXPLR. & PROD., INC.

RBU #16-20F

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 20, T10S, R20E, S.L.B.&M.

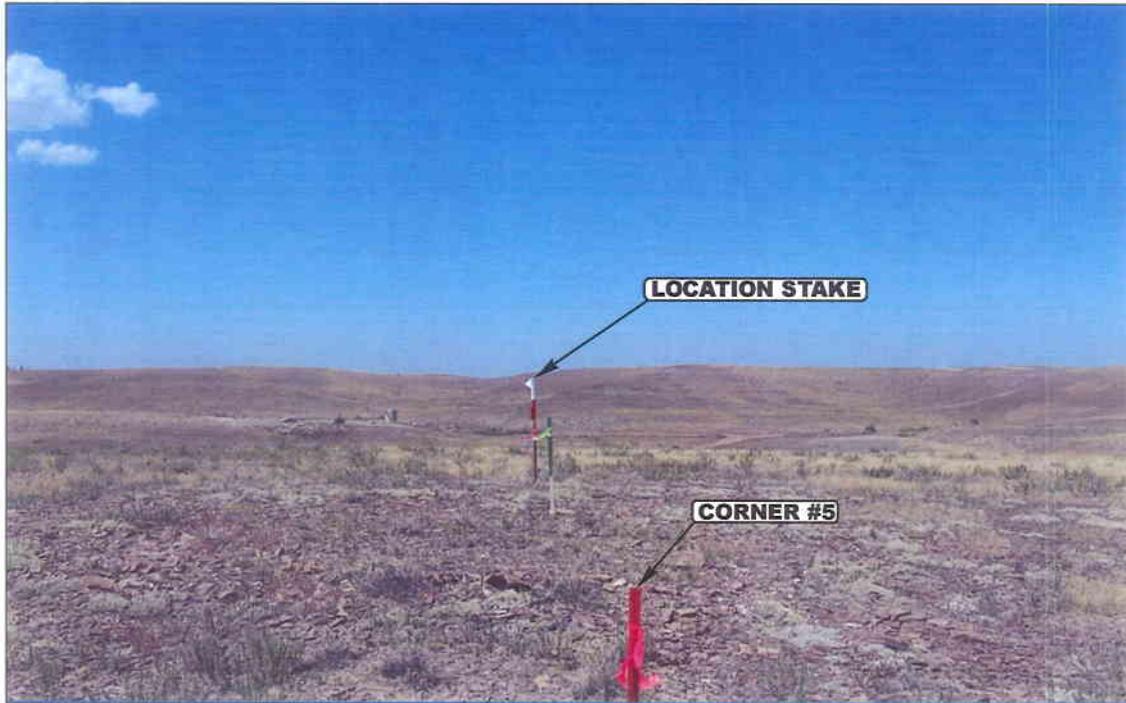


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

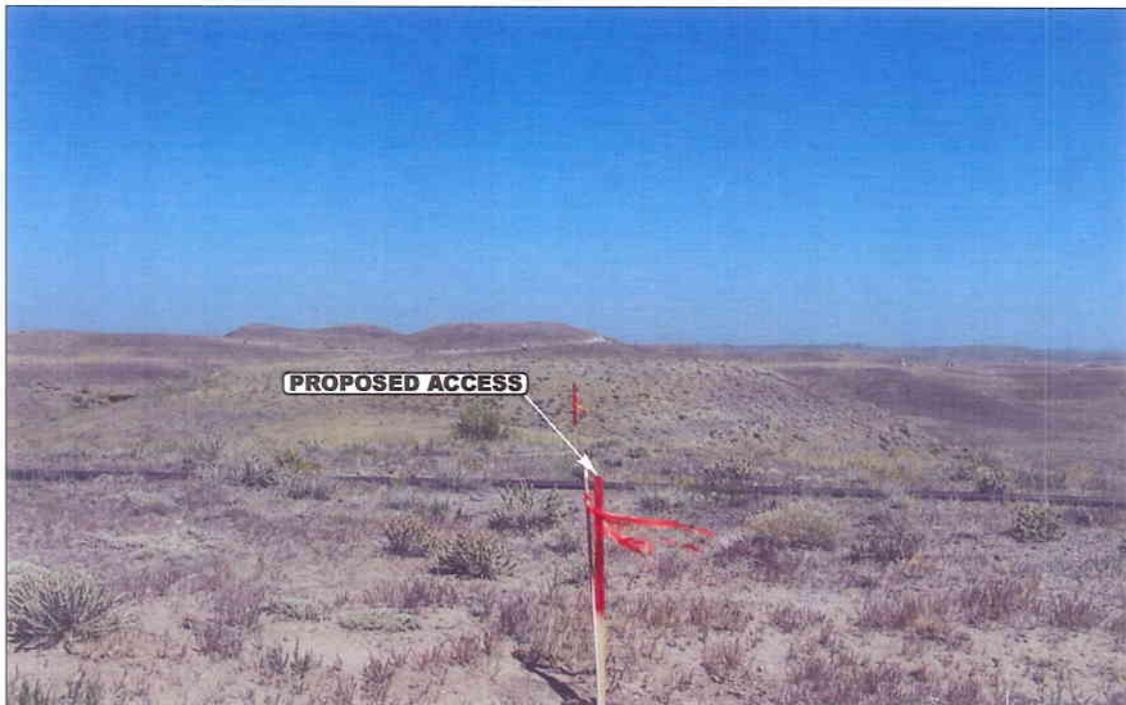


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

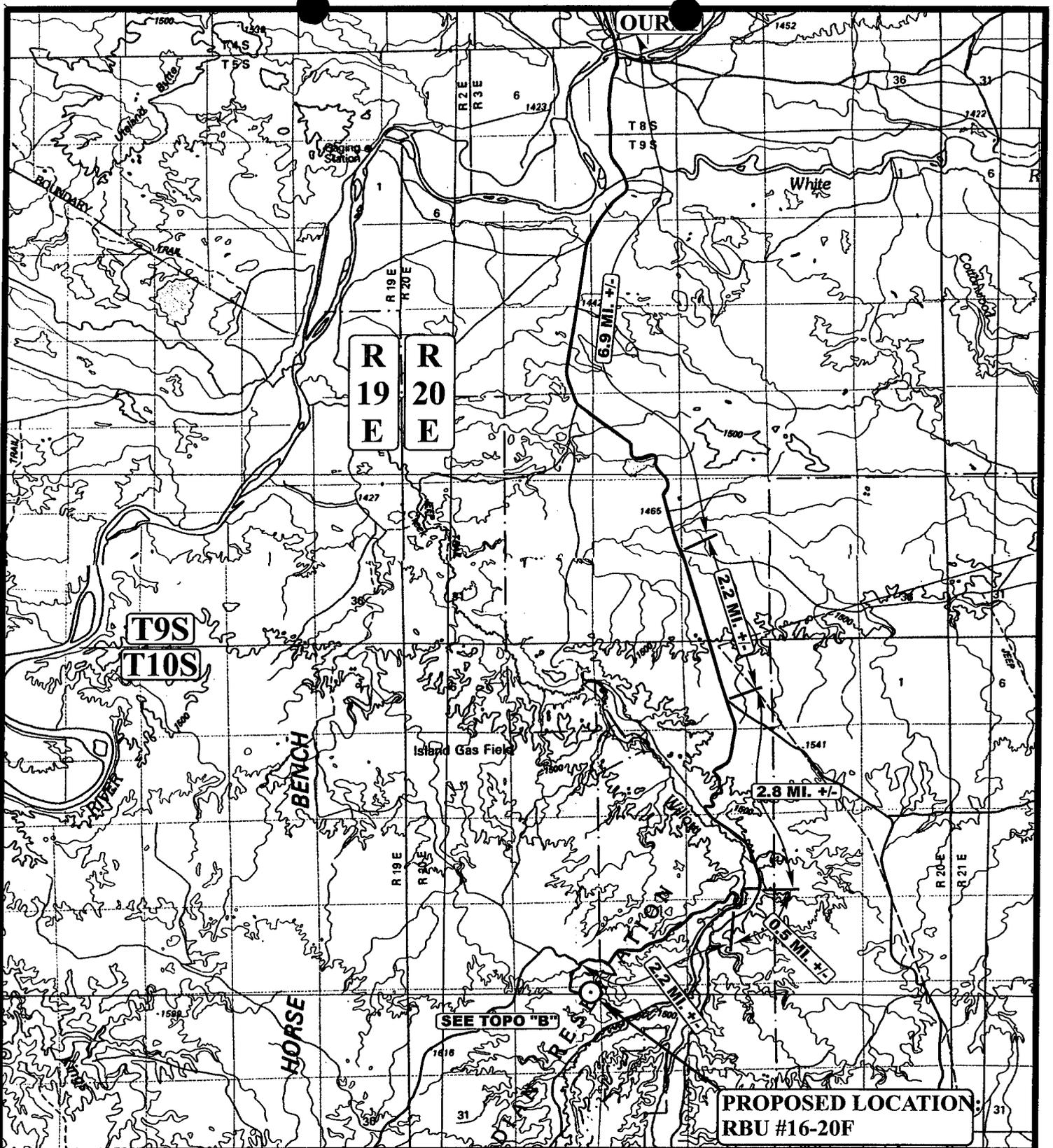
09 02 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.H.

REVISED: 00-00-00



**PROPOSED LOCATION:  
RBU #16-20F**

**LEGEND:**

⊙ PROPOSED LOCATION

**DOMINION EXPLR. & PROD., INC.**

**RBU #16-20F  
SECTION 20, T10S, R20E, S.L.B.&M.  
142' FSL 906' FEL**



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

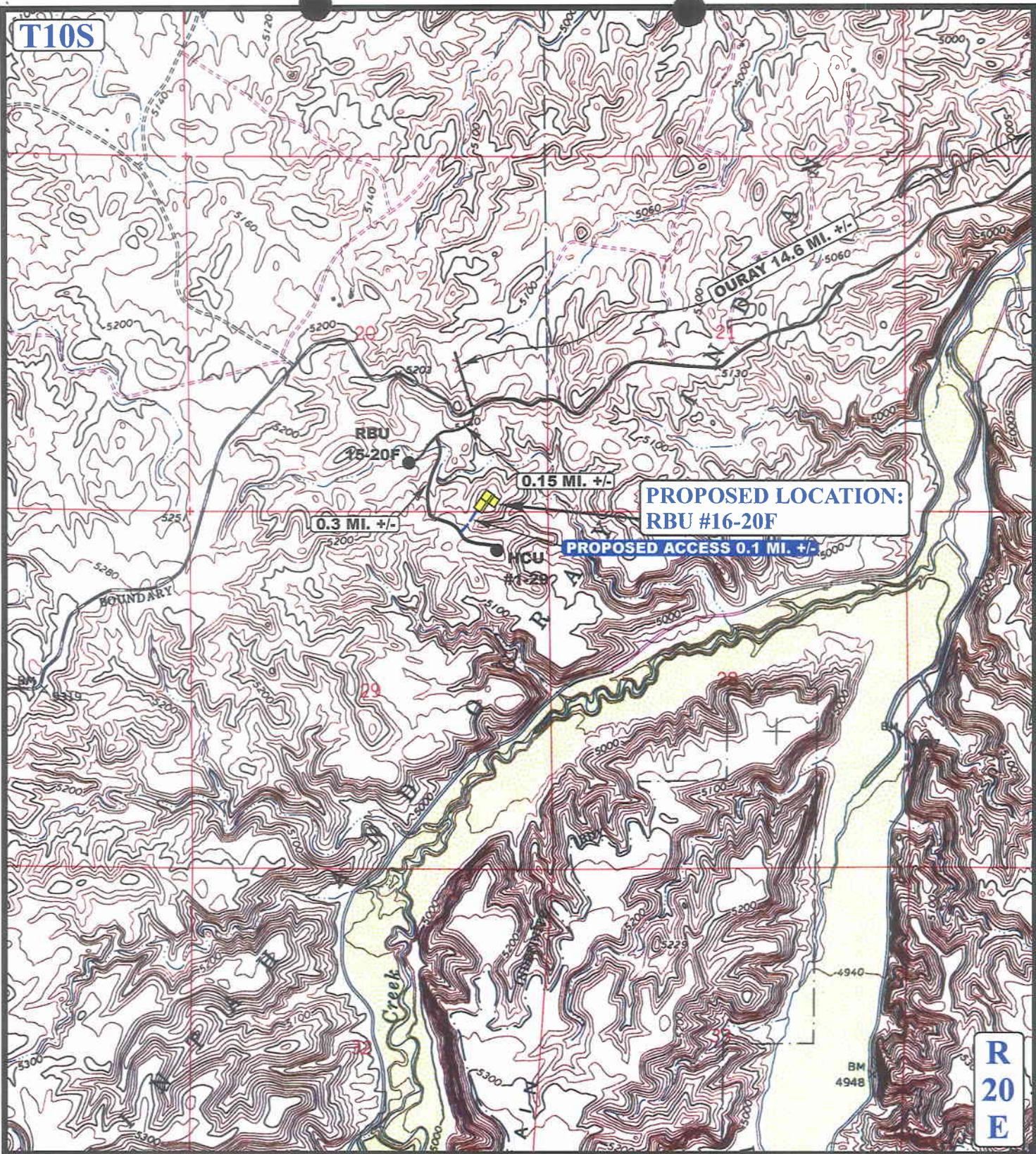


**TOPOGRAPHIC  
MAP**

**09 02 05**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.H. REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

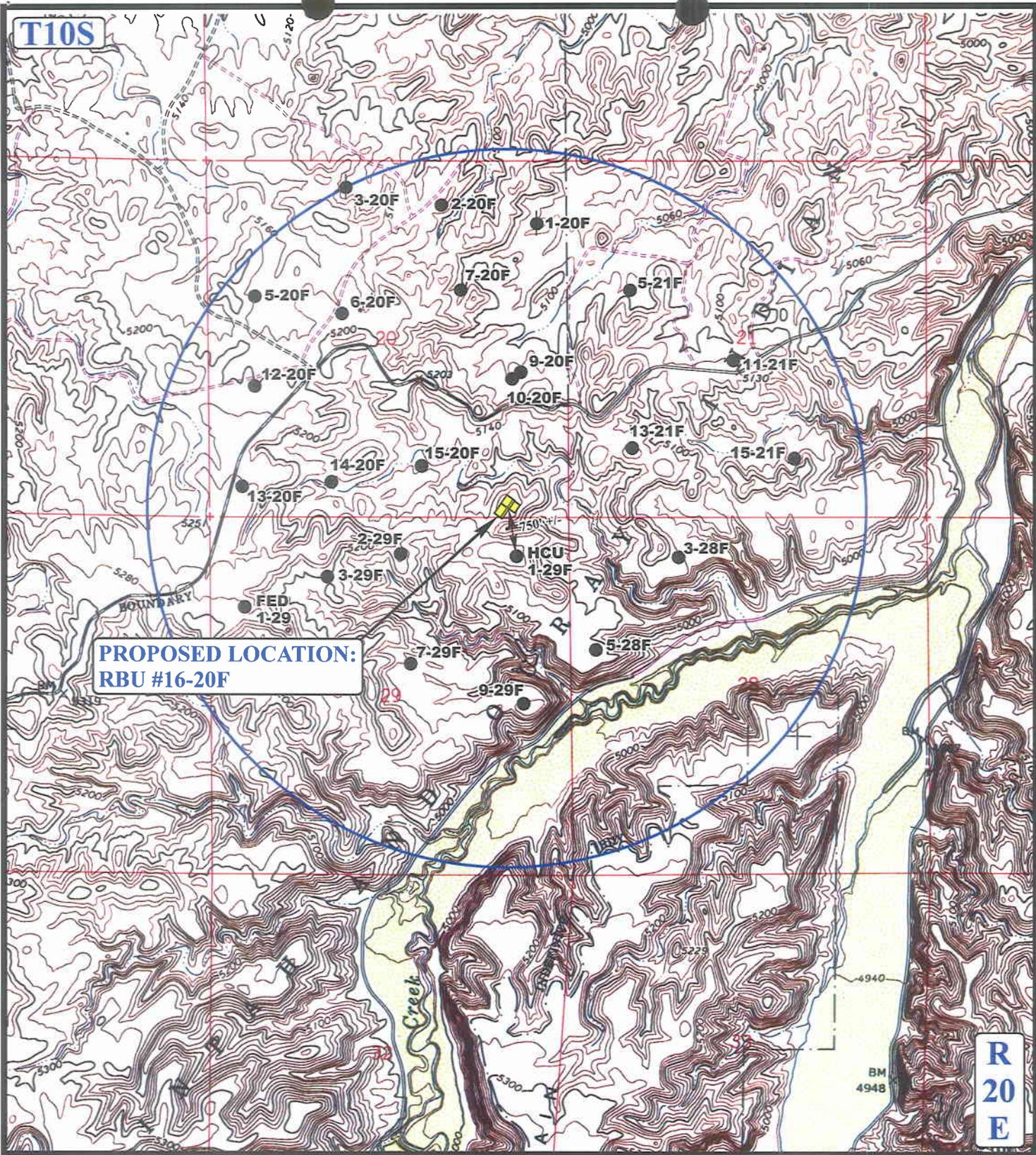


**DOMINION EXPLR. & PROD., INC.**

**RBU #16-20F**  
**SECTION 20, T10S, R20E, S.L.B.&M.**  
**142' FSL 906' FEL**

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

**TOPOGRAPHIC MAP** **09 02 05**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00 **B**  
 TOPO



**PROPOSED LOCATION:  
RBU #16-20F**

**R  
20  
E**

**LEGEND:**

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

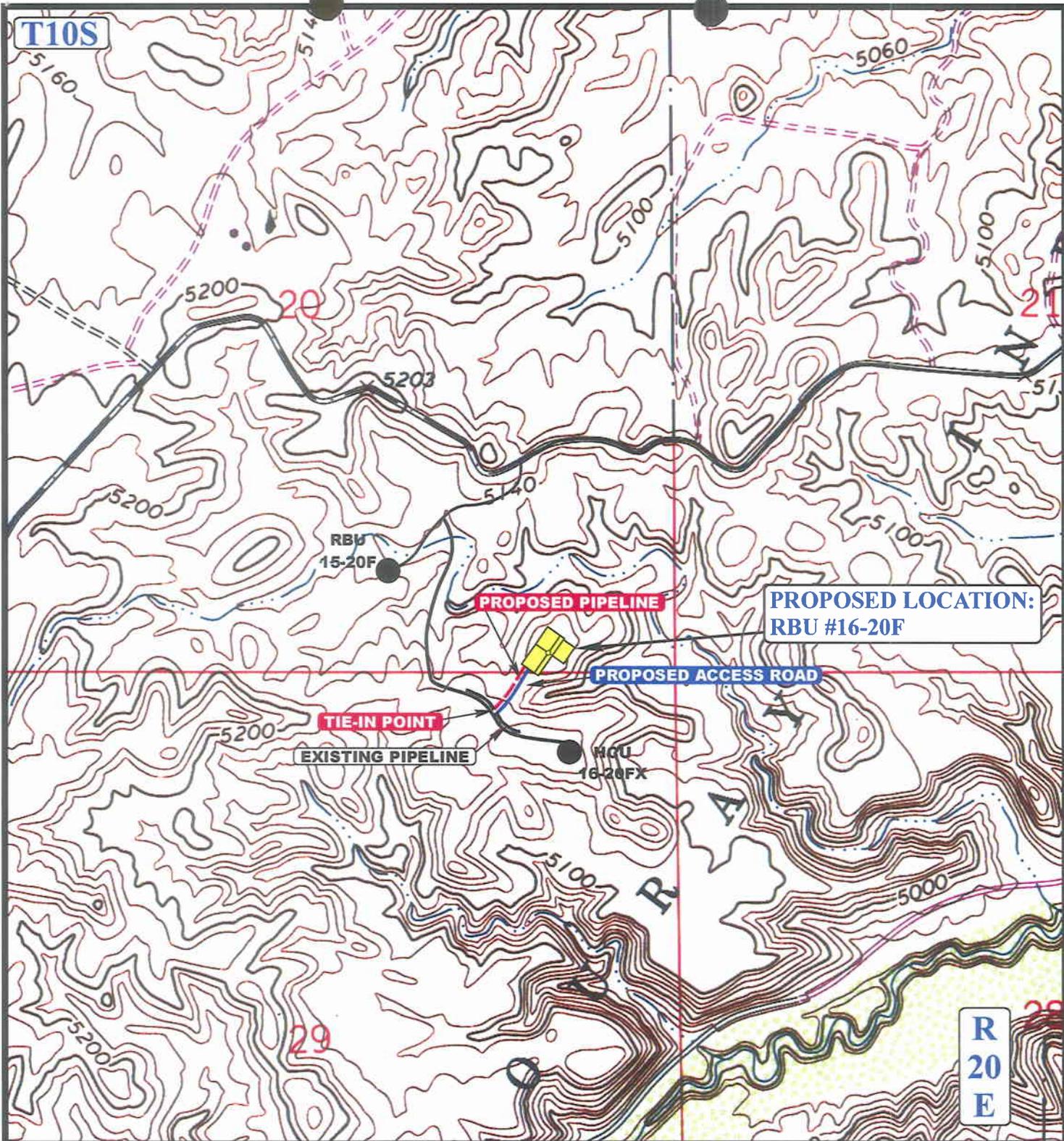


**DOMINION EXPLR. & PROD., INC.**

**RBU #16-20F  
SECTION 20, T10S, R20E, S.L.B.&M.  
142' FSL 906' FEL**

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

**TOPOGRAPHIC MAP** 09 02 05  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00 **C TOPO**



**APPROXIMATE TOTAL PIPELINE DISTANCE = 437' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



**DOMINION EXPLR. & PROD., INC.**

**RBU #16-20F**  
**SECTION 20, T10S, R20E, S.L.B.&M.**  
**142' FSL 906' FEL**



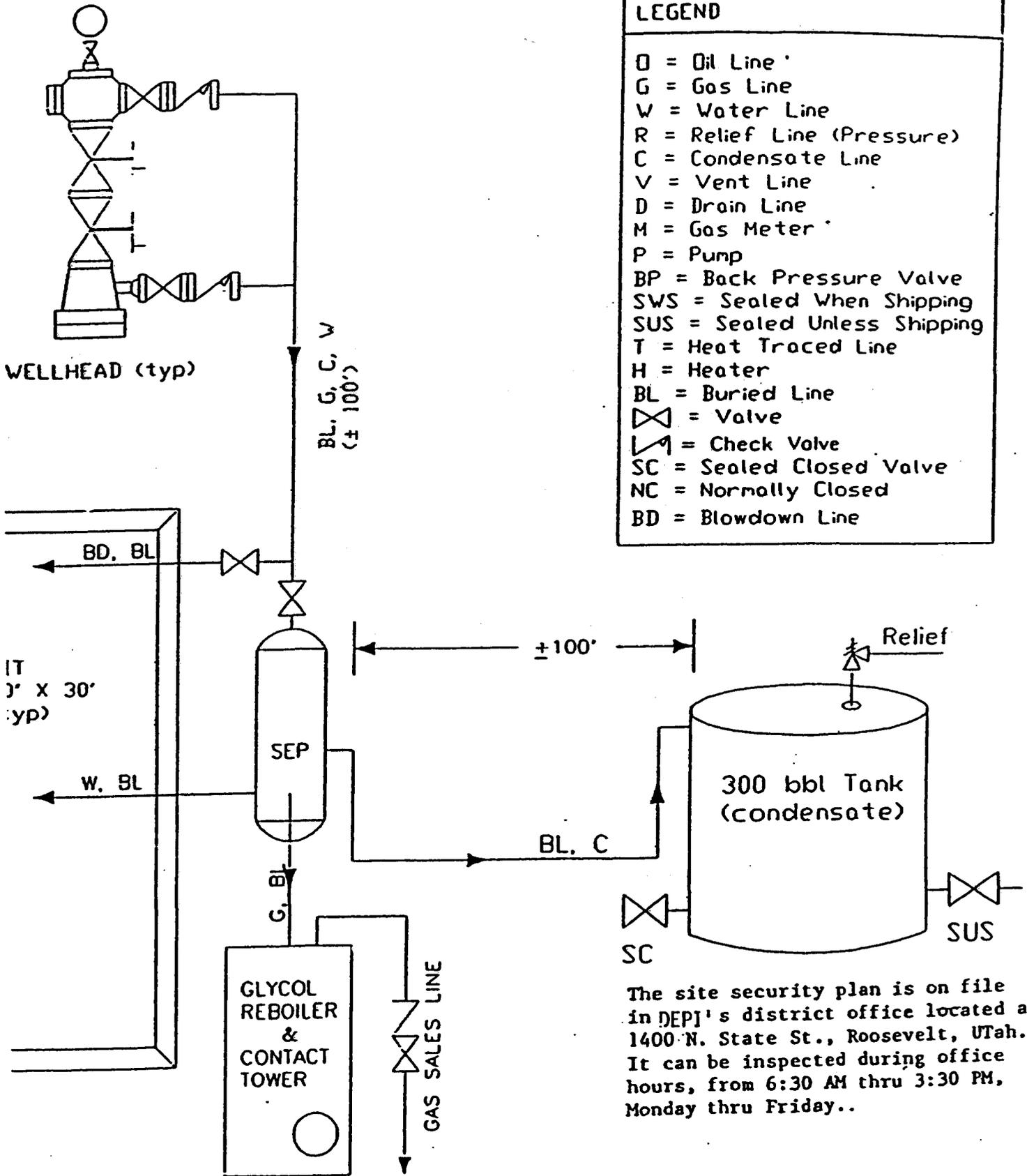
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**  
**09 02 05**  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.H. REVISED: 00-00-00



LEGEND

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



The site security plan is on file in DEP'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..

DOMINION EXPLORATION & PRODUCTION, INC.

TYPICAL FLOW DIAGRAM

not to scale  
date: / /

# 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)

September 25, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 Plan of Development River Bend 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 2007 within the River Bend Unit, Uintah County, Utah.

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

(Proposed PZ MesaVerde)

43-047-39647	RBU 16-20F Sec 20 T10S R20 0142 FSL 0906 FEL	
	BHL Sec 20 T10S R20 0750 FSL 0550 FEL	

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:9-25-07

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/24/2007

API NO. ASSIGNED: 43-047-39647
--------------------------------

WELL NAME: RBU 16-20F  
 OPERATOR: XTO ENERGY INC ( N2615 )  
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-722-4521

PROPOSED LOCATION:

SESE 20 100S 200E  
 SURFACE: 0142 FSL 0906 FEL  
 BOTTOM: 0750 FSL 0550 FEL  
 COUNTY: UINTAH  
 LATITUDE: 39.92587 LONGITUDE: -109.6820  
 UTM SURF EASTINGS: 612634 NORTHINGS: 4420151  
 FIELD NAME: NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-0143520A  
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB-000138 )
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10447 )
- N RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

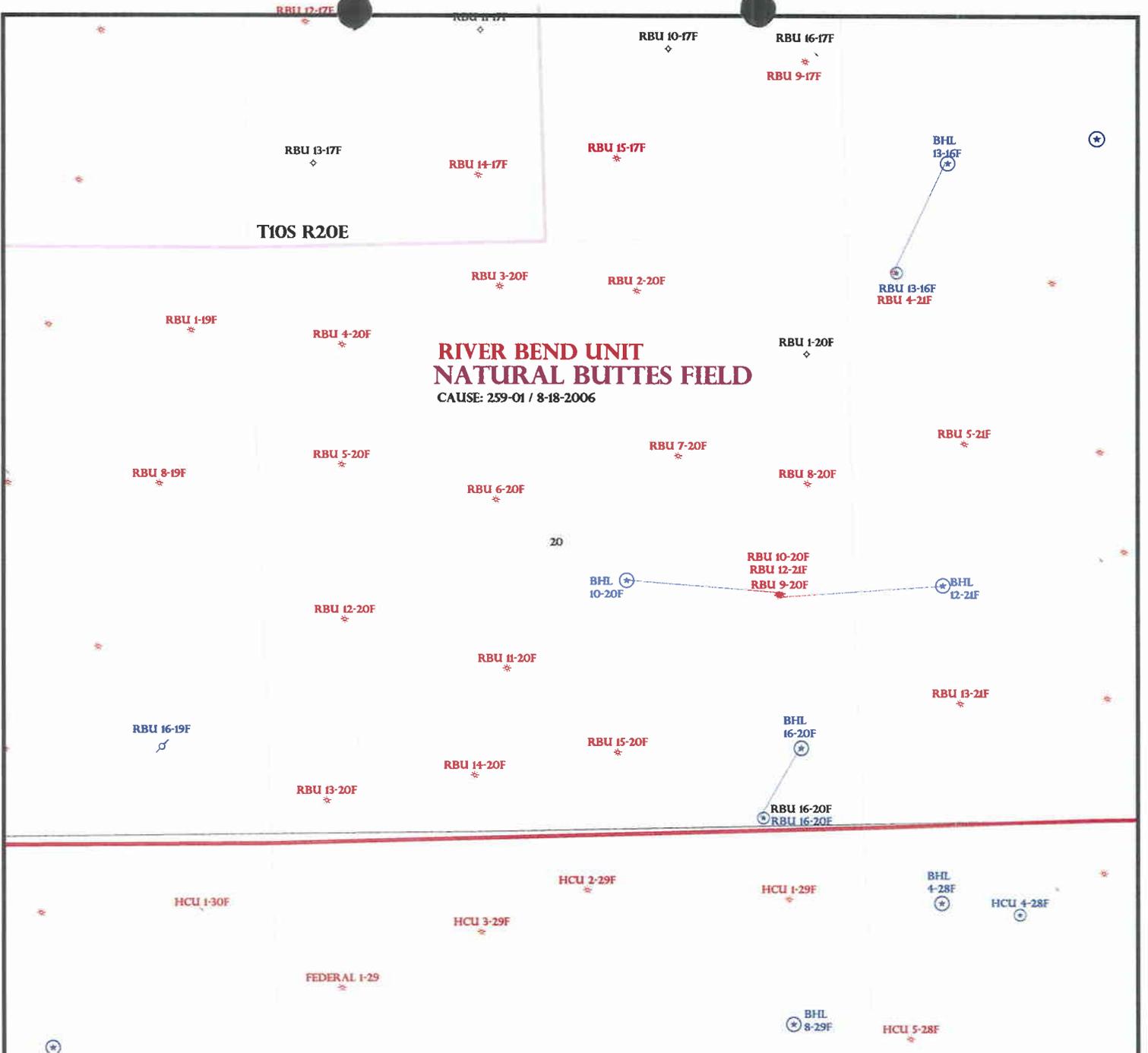
- R649-2-3.
- Unit: RIVER BEND
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 259-01
- Eff Date: 8-18-2006
- Siting: 460' fr ub arg & unc-min. tract
- R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: 1- go and approve  
 \_\_\_\_\_  
 \_\_\_\_\_

# RIVER BEND UNIT NATURAL BUTTES FIELD

CAUSE: 259-01 / 8-18-2006



OPERATOR: XTO ENERGY INC (N2615)

SEC: 20 T.10S R. 20E

FIELD: NATURAL BUTTES (630)

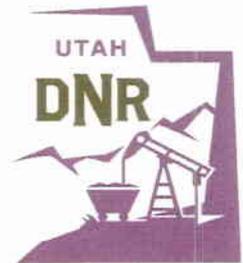
COUNTY: UINTAH

CAUSE: 259-01 / 8-18-2006

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - 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



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 25-SEPTEMBER-2007



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

October 4, 2007

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

Re: RBU 16-20F Well, Surface Location 142' FSL, 906' FEL, SE SE, Sec. 20, T. 10 South,  
R. 20 East, Bottom Location 750' FSL, 550' FEL, SE SE, Sec. 20, T. 10 South,  
R. 20 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39647.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** XTO Energy,  
**Well Name & Number** RBU 16-20F  
**API Number:** 43-047-39647  
**Lease:** U-0143520A

**Surface Location:** SE SE      **Sec. 20**      **T. 10 South**      **R. 20 East**  
**Bottom Location:** SE SE      **Sec. 20**      **T. 10 South**      **R. 20 East**

**Conditions of Approval**

**1. General**

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

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

- Contact Dustin Doucet at (801) 538-5281 (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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0143520A
2. NAME OF OPERATOR: XTO Energy, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: River Bend Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 142' FSL & 906' FEL, SE/4 SE/4		8. WELL NAME and NUMBER: RBU 16-20F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 20 10S 20E S		9. API NUMBER: 4304739647
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

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

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

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

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

This is the second extension that has been requested.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10/30/08

By: [Signature]

NAME (PLEASE PRINT) <u>Kendell Johnson</u>	TITLE <u>Agent for XTO Energy, Inc.</u>
SIGNATURE <u>[Signature]</u>	DATE <u>9/22/2008</u>

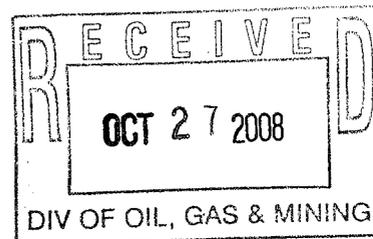
(This space for State use only)

COPY SENT TO OPERATOR

Date: 10/30/2008

Initials: KS

(See Instructions on Reverse Side)



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

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

**API:** 4304739647  
**Well Name:** RBU 16-20F  
**Location:** 142' FSL & 906' FEL, SE/4 SE/4 Sec. 20, 10S-20E  
**Company Permit Issued to:** XTO Energy, Inc.  
**Date Original Permit Issued:** 10/4/2007

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

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

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

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

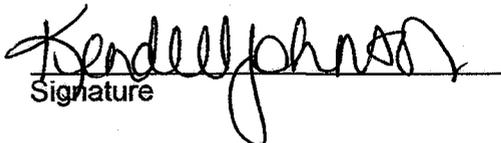
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

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

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

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

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

  
Signature

9/22/2008  
Date

Title: Kendell Johnson

Representing: XTO Energy, Inc.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0143520A
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> RBU 16-20F
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396470000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0142 FSL 0906 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/30/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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:** October 26, 2009

**By:**

<b>NAME (PLEASE PRINT)</b> Eden Fine	<b>PHONE NUMBER</b> 505 333-3664	<b>TITLE</b> Permitting Clerk
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/22/2009



**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 43047396470000**

**API:** 43047396470000

**Well Name:** RBU 16-20F

**Location:** 0142 FSL 0906 FEL QTR SESE SEC 20 TWP 100S RNG 200E MER S

**Company Permit Issued to:** XTO ENERGY INC

**Date Original Permit Issued:** 10/4/2007

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

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

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

**Signature:** Eden Fine                      **Date:** 10/22/2009  
**Title:** Permitting Clerk **Representing:** XTO ENERGY INC

**Date:** October 26, 2009  
**By:** 

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0143520A
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> RBU 16-20F
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396470000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0142 FSL 0906 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/28/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> 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 hereby requests a one (1) year extension on the State Permit for the referenced well.

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

**Date:** September 29, 2010

**By:** 

<b>NAME (PLEASE PRINT)</b> Kelly Small	<b>PHONE NUMBER</b> 505 333-3145	<b>TITLE</b> Sr. Permitting Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/28/2010



**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 43047396470000**

**API:** 43047396470000

**Well Name:** RBU 16-20F

**Location:** 0142 FSL 0906 FEL QTR SESE SEC 20 TWP 100S RNG 200E MER S

**Company Permit Issued to:** XTO ENERGY INC

**Date Original Permit Issued:** 10/4/2007

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:** Kelly Small

**Date:** 9/28/2010

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

**Date:** September 29, 2010

**By:** 

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0143520A
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> RBU 16-20F
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396470000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0142 FSL 0906 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/5/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> 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"/> <b>APD EXTENSION</b> OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well.

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

**Date:** 10/13/2011

**By:** 

<b>NAME (PLEASE PRINT)</b> Krista Wilson	<b>PHONE NUMBER</b> 505 333-3647	<b>TITLE</b> Permitting Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/5/2011	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047396470000**

**API:** 43047396470000

**Well Name:** RBU 16-20F

**Location:** 0142 FSL 0906 FEL QTR SESE SEC 20 TWP 100S RNG 200E MER S

**Company Permit Issued to:** XTO ENERGY INC

**Date Original Permit Issued:** 10/4/2007

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:** 10/5/2011

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0143520A	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
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.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> RBU 16-20F
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396470000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3145 Ext
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0142 FSL 0906 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 20.0E Meridian: S	<b>STATE:</b> UTAH

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

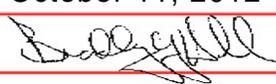
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/31/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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"/> <b>APD EXTENSION</b>
	<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:** October 11, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Richard L. Redus	<b>PHONE NUMBER</b> 303 397-3712	<b>TITLE</b> Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/3/2012	



**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 43047396470000**

API: 43047396470000

Well Name: RBU 16-20F

Location: 0142 FSL 0906 FEL QTR SESE SEC 20 TWP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 10/4/2007

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: 10/3/2012

Title: Regulatory

Representing: XTO ENERGY INC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0143520A	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
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.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> RBU 16-20F
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396470000
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155	<b>PHONE NUMBER:</b> 303 397-3727 Ext
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	<b>COUNTY:</b> UINTAH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0142 FSL 0906 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 20.0E Meridian: S	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/3/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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"/> <b>APD EXTENSION</b>
	<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:** September 25, 2013

**By:**

<b>NAME (PLEASE PRINT)</b> Sephra Baca	<b>PHONE NUMBER</b> 719 845-2103	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/24/2013	



**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 43047396470000**

API: 43047396470000

Well Name: RBU 16-20F

Location: 0142 FSL 0906 FEL QTR SESE SEC 20 TWP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 10/4/2007

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: 9/24/2013

Title: Regulatory Analyst Representing: XTO ENERGY INC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-0143520A
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
	<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> RBU 16-20F
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047396470000
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155	<b>PHONE NUMBER:</b> 303 397-3727 Ext
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0142 FSL 0906 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 20 Township: 10.0S Range: 20.0E Meridian: S
	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/30/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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 extensions of the State APD for the referenced well.

**Approved by the**  
**September 23, 2014**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:**

<b>NAME (PLEASE PRINT)</b> Malia Villers	<b>PHONE NUMBER</b> 303 397-3670	<b>TITLE</b> Lead Permitting Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/18/2014	



**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 43047396470000**

API: 43047396470000

Well Name: RBU 16-20F

Location: 0142 FSL 0906 FEL QTR SESE SEC 20 TWP 100S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 10/4/2007

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
  
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- 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: 9/18/2014

Title: Lead Permitting Analyst Representing: XTO ENERGY INC



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

October 15, 2015

Malia Villers  
XTO Energy Inc.  
P.O. BOX 6501  
Englewood, CO 80155

13-047-39647

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

Dear Ms. Villers:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded effective October 9, 2015.

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

Operator	API Number	Well Name	Work Type	Date Approved	Date Permit Will Expire
XTO ENERGY INC	4304739647	RBU 16-20F	DRILL	10/04/2007	10/04/2015
XTO ENERGY INC	4304740375	RBU 22-21E	DRILL	10/09/2008	10/09/2015
XTO ENERGY INC	4304740376	RBU 27-21E	DRILL	10/09/2008	10/09/2015
XTO ENERGY INC	4304740377	RBU 28-21E	DRILL	10/09/2008	10/09/2015
XTO ENERGY INC	4304738676	LCU 12-9H	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738677	LCU 6-9H	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738678	LCU 4-11H	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738679	LCU 9-12H	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738682	LCU 14-6G	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738683	LCU 13-6G	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738684	LCU 10-6G	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738685	LCU 5-6G	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738686	LCU 4-6G	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738687	LCU 7-6G	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304738688	LCU 3-6G	DRILL	10/12/2006	10/12/2015
XTO ENERGY INC	4304740388	RBU 1-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740389	RBU 2-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740390	RBU 6-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740391	RBU 7-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740392	RBU 8-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740393	RBU 9-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740394	RBU 12-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740395	RBU 15-3F	DRILL	10/15/2008	10/15/2015
XTO ENERGY INC	4304740397	HCU 4-30F	DRILL	10/16/2008	10/16/2015
XTO ENERGY INC	4304737285	LCU 11-17H	DRILL	10/25/2005	10/25/2015
XTO ENERGY INC	4304737286	LCU 7-17H	DRILL	10/25/2005	10/25/2015