

003

June 20, 2003

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

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
RBU 2-22E, 831' FNL, 2,083' FEL, NW/4 NE/4  
Section 22, T10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced well. 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 Dominion'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 Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*  
Don Hamilton  
Agent for Dominion

cc: Diana Mason, Division of Oil, Gas and Mining  
Carla Christian, Dominion  
Marty Buys, Buys & Associates, Inc.

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JUN 23 2003

DIV. OF OIL, GAS & MINING

**FILE COPY**

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**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-013792</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR <b>Dominion Exploration &amp; Production, Inc.</b>		7. UNIT AGREEMENT NAME <b>River Bend Unit</b>
3. ADDRESS AND TELEPHONE NO. <b>14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-6690</b>		8. FARM OR LEASE NAME, WELL NO. <b>RBU 2-22E</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface: <b>831' FNL, 2,083' FEL 4421318 Y NW/4 NE/4 39.93730</b> At proposed prod. zone: <b>831' FNL, 2,083' FEL 605465X NW/4 NE/4 -109.76564</b>		9. API WELL NO. <b>43-047-35061</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11.42 miles southwest of Ouray, Utah</b>		10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>596'</b>	16. NO. OF ACRES IN LEASE <b>1,882.20</b>	11. SEC., T., R., M., OR BLK. A <b>Section 22</b>
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1,000'</b>	19. PROPOSED DEPTH <b>7,400'</b>	<b>T10S, R19E, SLB&amp;M</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5,250' GR</b>		12. COUNTY OR PARISH <b>Uintah</b>
		13. STATE <b>Utah</b>
		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 acres</b>
		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
		22. APPROX. DATE WORK WILL START* <b>February 1, 2004</b>

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	450 sacks Class C cement + 2% CaCl <sub>2</sub> + 1/4 #/sk. Poly-E-Flakes
12-1/4"	8-5/8" J-55 LT&C	32#	2,200'	385 sacks Lead and 370 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	7,400'	160 sacks Lead and 435 sacks Tail (see Drilling Plan)

**Bond Information:**

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

**Other Information:**

Drilling Plan and Surface Use Plan are attached.  
Dominion requests that this complete application for permit to drill be held confidential.

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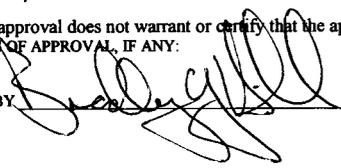
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Don Hamilton TITLE Agent for Dominion DATE June 20, 2003

(This space for Federal or State office use)

PERMIT NO. 43-047-35061 APPROVAL DATE \_\_\_\_\_

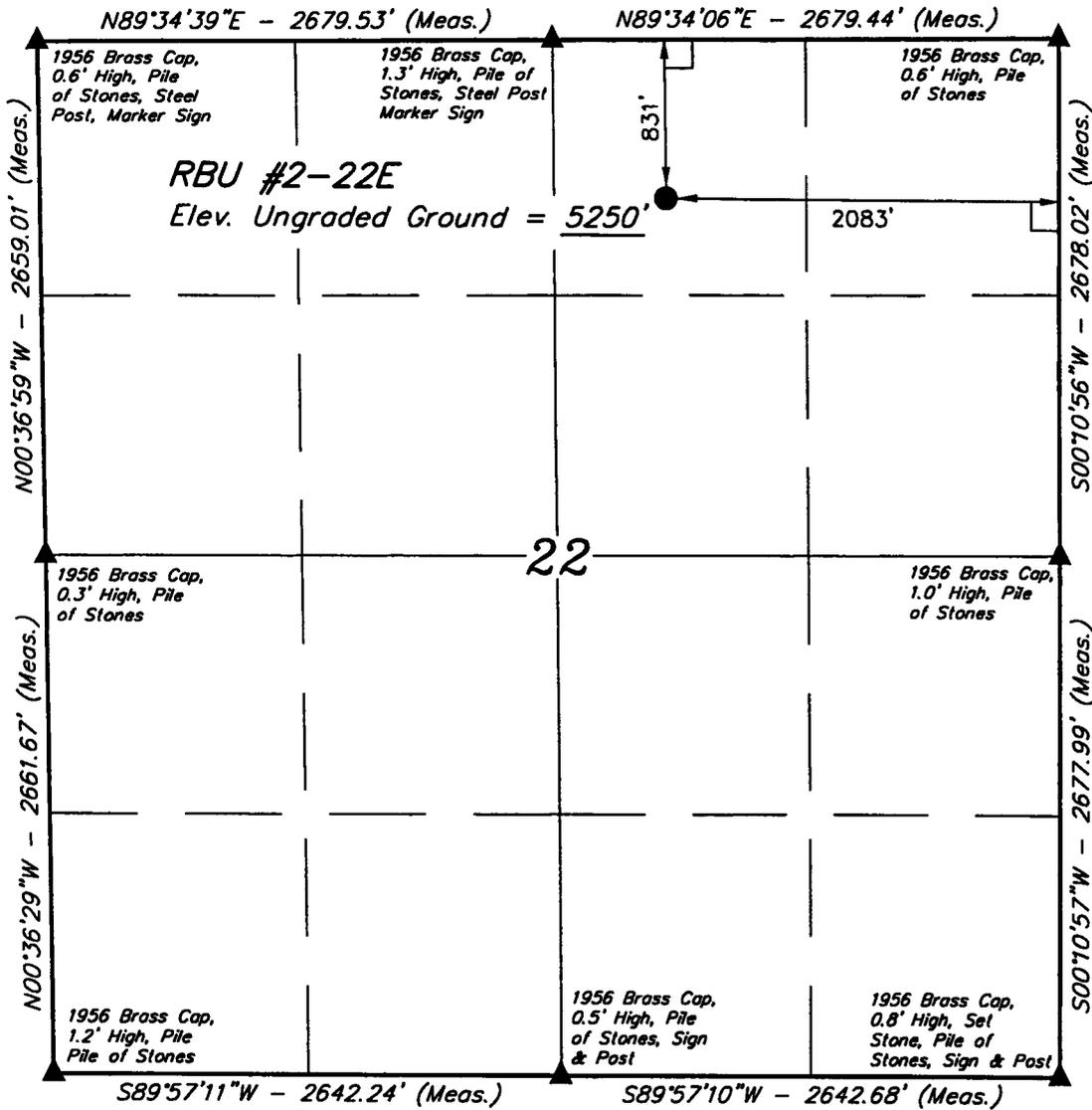
Application approval does not warrant or certify that the applicant has legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY  TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 06-24-03

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

# T10S, R19E, S.L.B.&M.



## DOMINION EXPLR. & PROD., INC:

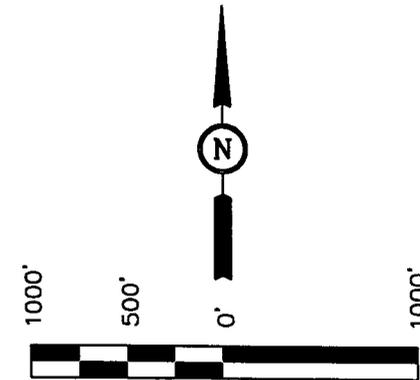
Well location, RBU #2-22E, located as shown in the NW 1/4 NE 1/4 of Section 22, T10S, R19E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

### BASIS OF BEARINGS

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



SCALE

### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 181319

*Robert Kay*  
KAY

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 181319  
STATE OF UTAH

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

### LEGEND:

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

(NAD 83)  
LATITUDE =  $39^{\circ}56'16.25''$  (39.937847)  
LONGITUDE =  $109^{\circ}45'58.59''$  (109.766275)

SCALE 1" = 1000'	DATE SURVEYED: 05-24-03	DATE DRAWN: 05-28-03
PARTY D.K. L.K. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

# DRILLING PLAN

## APPROVAL OF OPERATIONS

### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 2-22E  
831' FNL & 2083' FEL  
Section 22-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah
2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Green River	1,272'
Wasatch Tongue	4,182'
Green River Tongue	4,512'
Wasatch	4,672'
Chapita Wells	5,572'
Uteland Buttes	6,772'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Green River	1,272'	Oil
Wasatch Tongue	4,182'	Oil
Green River Tongue	4,512'	Oil
Wasatch	4,672'	Gas
Chapita Wells	5,572'	Gas
Uteland Buttes	6,772'	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	8-5/8"	32.0 ppf	J-55	LTC	0'	2,200'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,400'	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.

## 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 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' – 2,200'	8.6	Fresh water, rotating head and diverter
2,200' – 7,400'	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 contact 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 H<sub>2</sub>S 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 well 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. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,200'±, run and cement 8-5/8" 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>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	385	0'-1,700'	11.0 ppg	3.82 CFS	733 CF	1,466 CF	100%
Tail	370	1,700'-2,200'	15.6 ppg	1.20 CFS	220 CF	440 CF	100%

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 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 7,400'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-7,400'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: Caliper will be run to determine exact cement volume.

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: February 1, 2004  
Duration: 14 Days

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**SURFACE USE PLAN**

**CONDITIONS OF APPROVAL**

*Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 2-22E  
831' FNL & 2083' FEL  
Section 22-10S-19E  
Uintah County, UT

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

The onsite inspection for the referenced well was conducted on Wednesday, June 4, 2003 at approximately 12:45 pm. In attendance at the onsite inspection were the following individuals:

John Bingham	Company Representative	Dominion Exploration & Production, Inc.
Stephanie Howard	Environmental Scientist	Bureau of Land Management
Dixie Sadler	Wildlife Biologist	Bureau of Land Management
Robert Kay	Registered Land Surveyor	Uintah Engineering and Land Surveying
Gary Gerber	Foreman	Stubbs & Stubbs Oil Field Construction
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. The proposed well site is located approximately 11.42 miles southwest 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 is 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 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 unit boundary.

2. Planned Access Roads:

- a. From the existing gravel surfaced, Dominion maintained road an access is proposed trending southeast approximately 0.2 miles to the proposed well site. The access consists of entirely new disturbance. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. Proposed access will utilize entirely federal lands in which a right-of-way is not anticipated at this time. Approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.2 miles long and adequate site distance exists in all directions.
- f. No culverts are anticipated at this time. Adequate drainage structures will be incorporated into the remainder of road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. 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).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:
  - i. Water wells                 None
  - ii. Injection wells            None
  - iii. Disposal wells           None
  - iv. Drilling wells           None
  - v. Temp. shut-in wells       None
  - vi. Producing wells           35
  - vii. Abandon wells            2
- b. 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 northeast side of the well site and traverse northeast along the proposed access road to the existing 2" pipeline corridor that services the existing RBU #1-22E well site.
- i. Dominion requests permission through the APD approval process to upgrade the existing 2" steel surface line to a 4" steel surface line from the proposed tie-in point reference on the maps to the existing RBU #1-22E well.
- j. The gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the existing access roads and well site will facilitate the staging of the pipeline construction. A new pipeline length of approximately 550' is associated with this well.
- k. Dominion 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. Dominion 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 BLM.
- 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 southwest 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 Dominion disposal well for disposal.
- k. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, an application for approval of a permanent disposal method and location will be applied for 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 northeast.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with a responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size 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 BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- 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 BLM. The BLM recommended seed mix is as follows:
 

Shads Scale	3 pounds per acre
Scarlet Globe Mallow	4 pounds per acre
Galleta Grass	3 pounds per acre
Crested Wheat Grass	2 pounds per acre

11. Surface and Mineral Ownership:

- a. Both Surface and Mineral Ownership is 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 will conduct a Class III archeological survey. A copy of the pending report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. 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 significant nesting raptors species are anticipated in the area since suitable nesting habitat does not exist.
  - c. No drainage crossings that require additional State or Federal approval are being crossed.

13. Operator's Representative and Certification

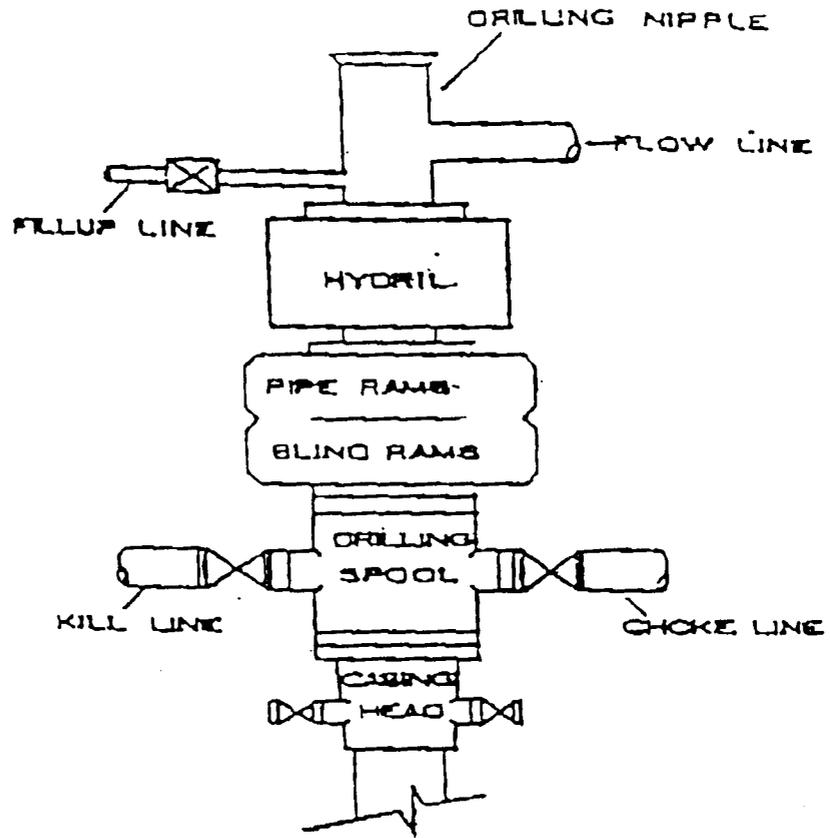
<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

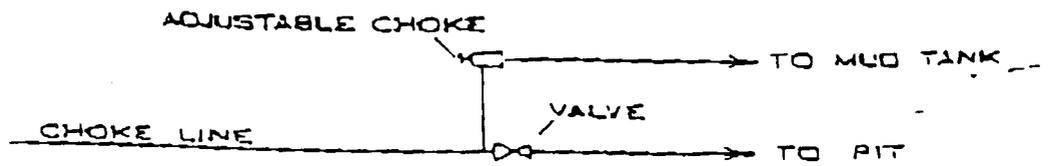
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. 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 Dominion'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: 6-20-03

## BOF STACK



## CHOKE MANIFOLD

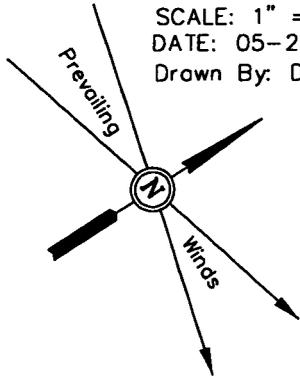


SCALE: 1" = 50'  
 DATE: 05-28-03  
 Drawn By: D.COX

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

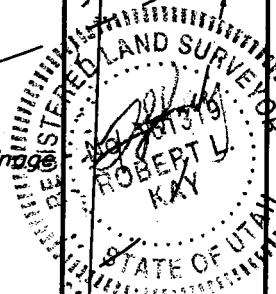
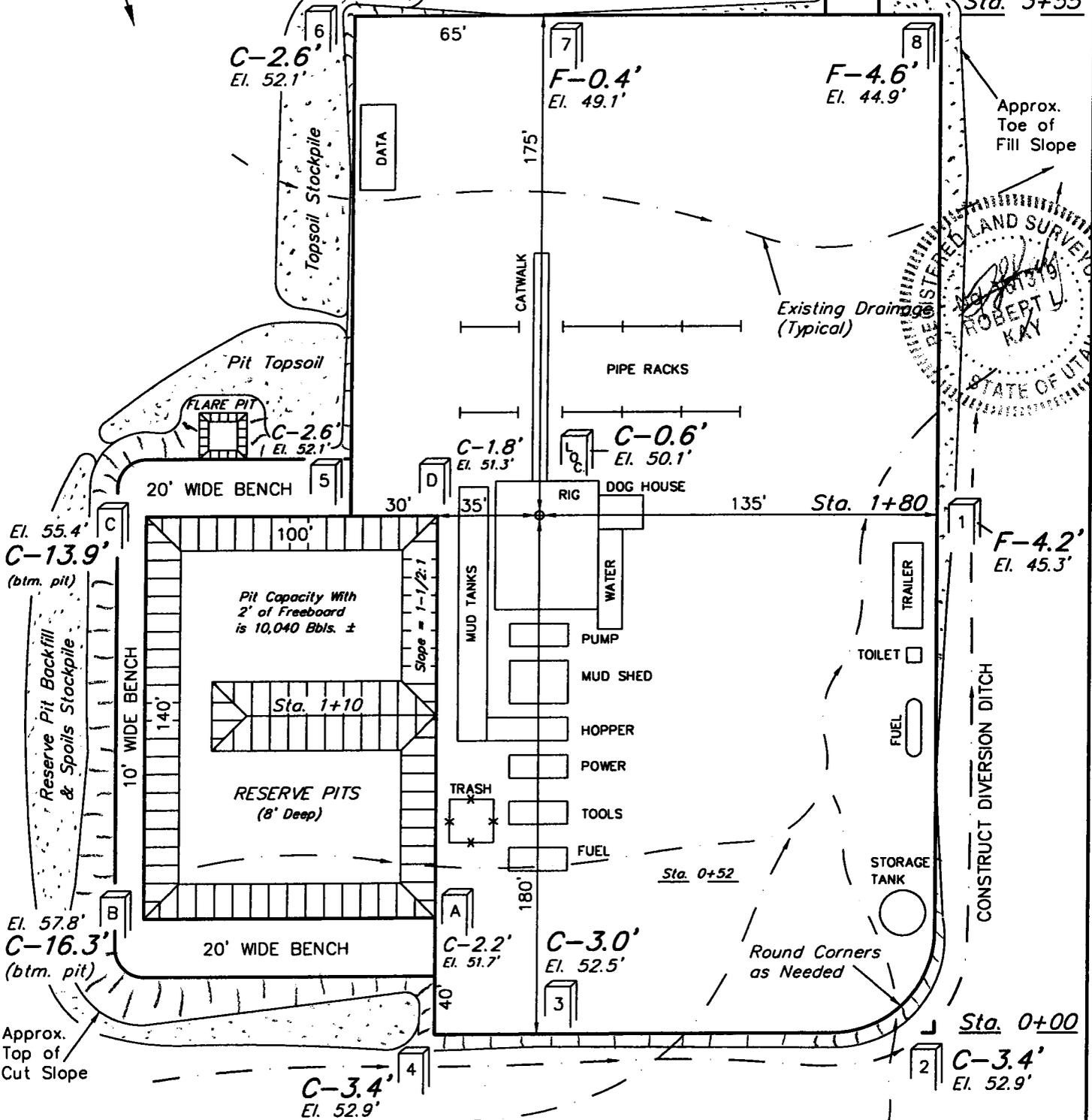
LOCATION LAYOUT FOR

RBU #2-22E  
 SECTION 22, T10S, R19E, S.L.B.&M.  
 831' FNL 2083' FEL



Proposed Access Road

Sta. 3+55



Elev. Ungraded Ground at Location Stake = 5250.1'  
 Elev. Graded Ground at Location Stake = 5249.5'

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

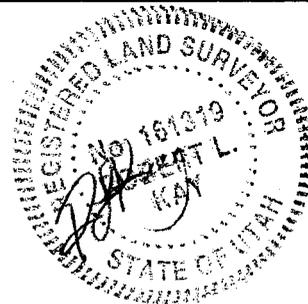
DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

RBU #2-22E

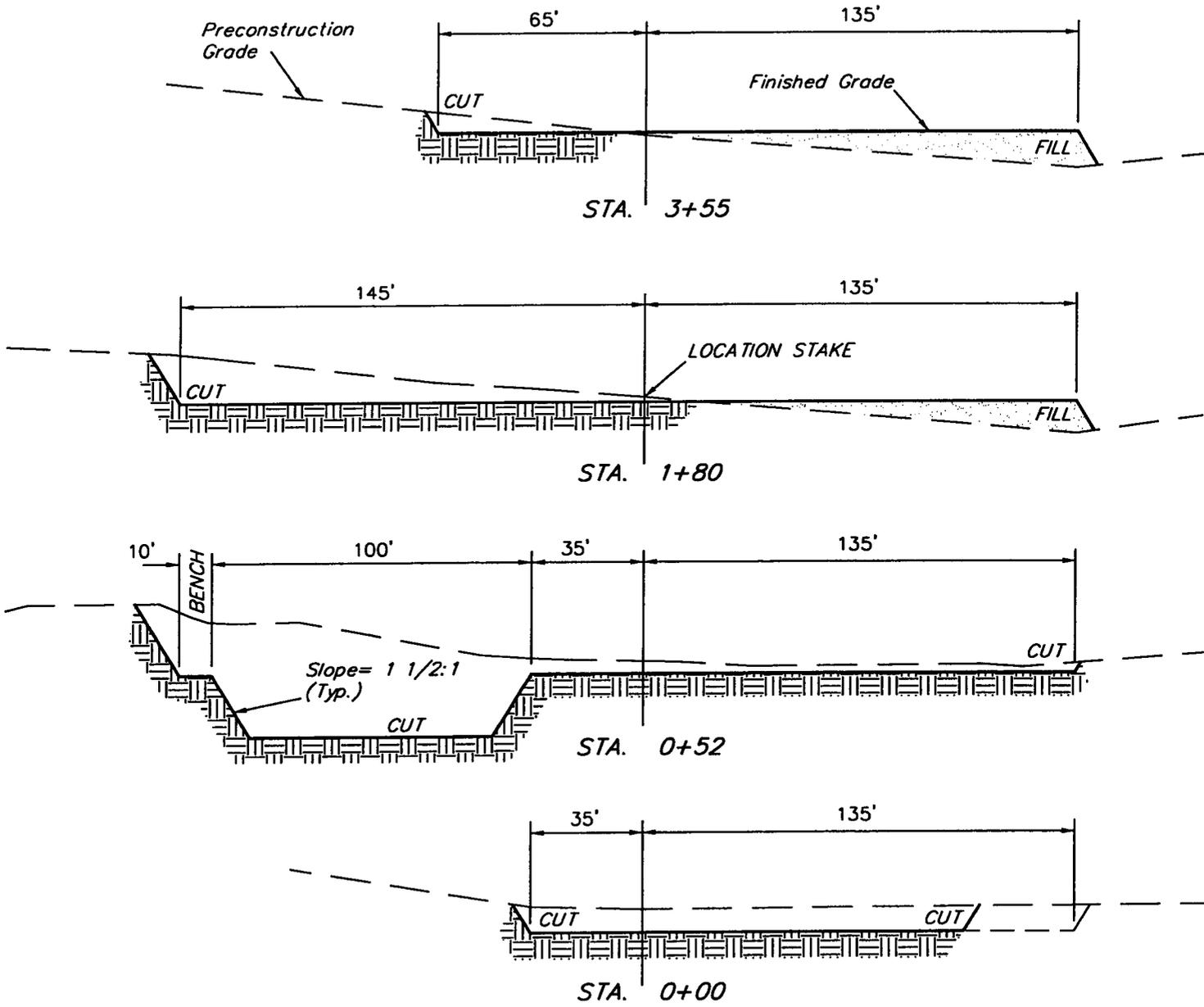
SECTION 22, T10S, R19E, S.L.B.&M.

831' FNL 2083' FEL



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

DATE: 05-28-03  
Drawn By: D.COX



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,570 Cu. Yds.
Remaining Location	= 7,490 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,060 CU.YDS.</b>
<b>FILL</b>	<b>= 4,250 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,590 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,100 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,490 Cu. Yds.

# DOMINION EXPLR. & PROD., INC.

RBU #2-22E

LOCATED IN UTAH COUNTY, UTAH  
SECTION 22, T10S, R19E, S.L.B.&M.

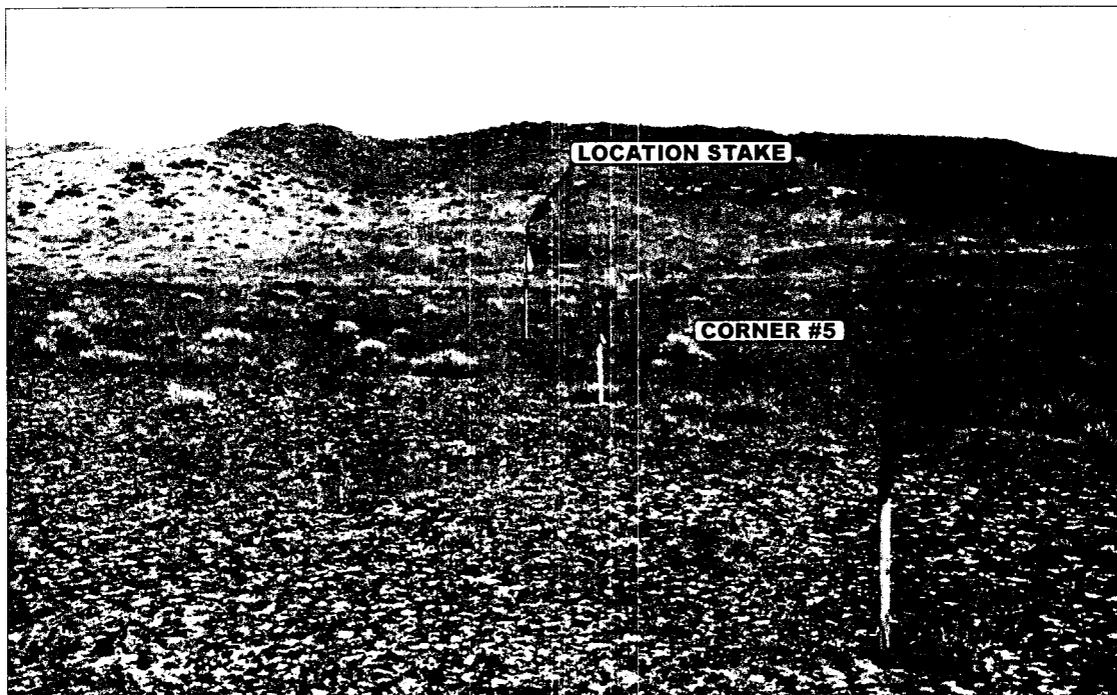


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

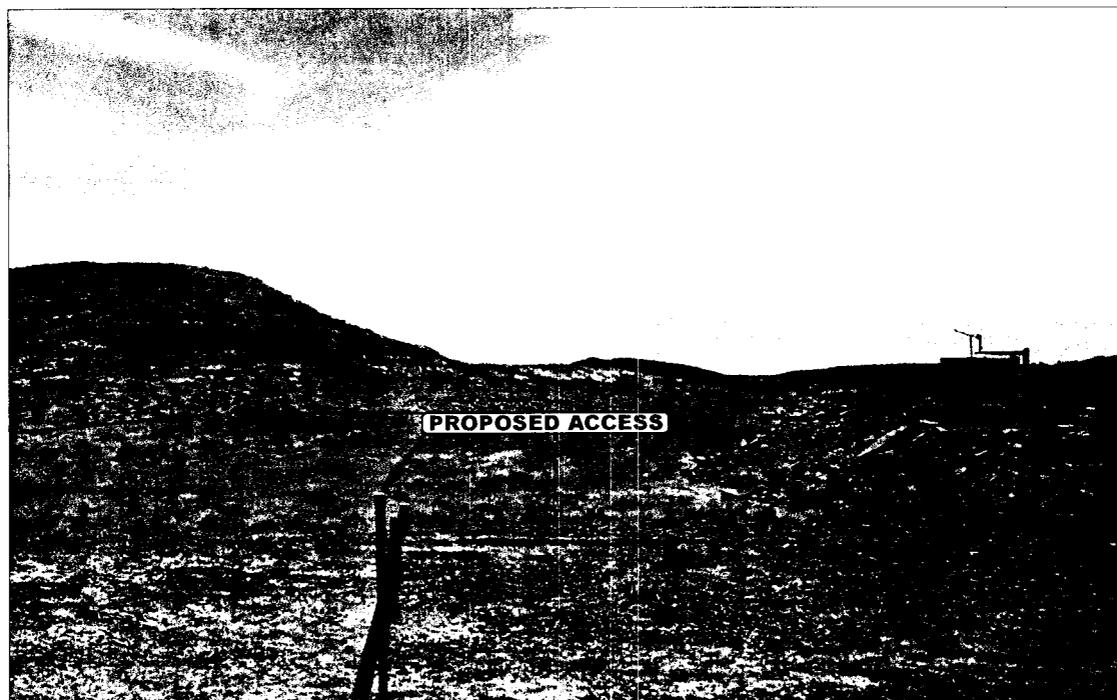


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

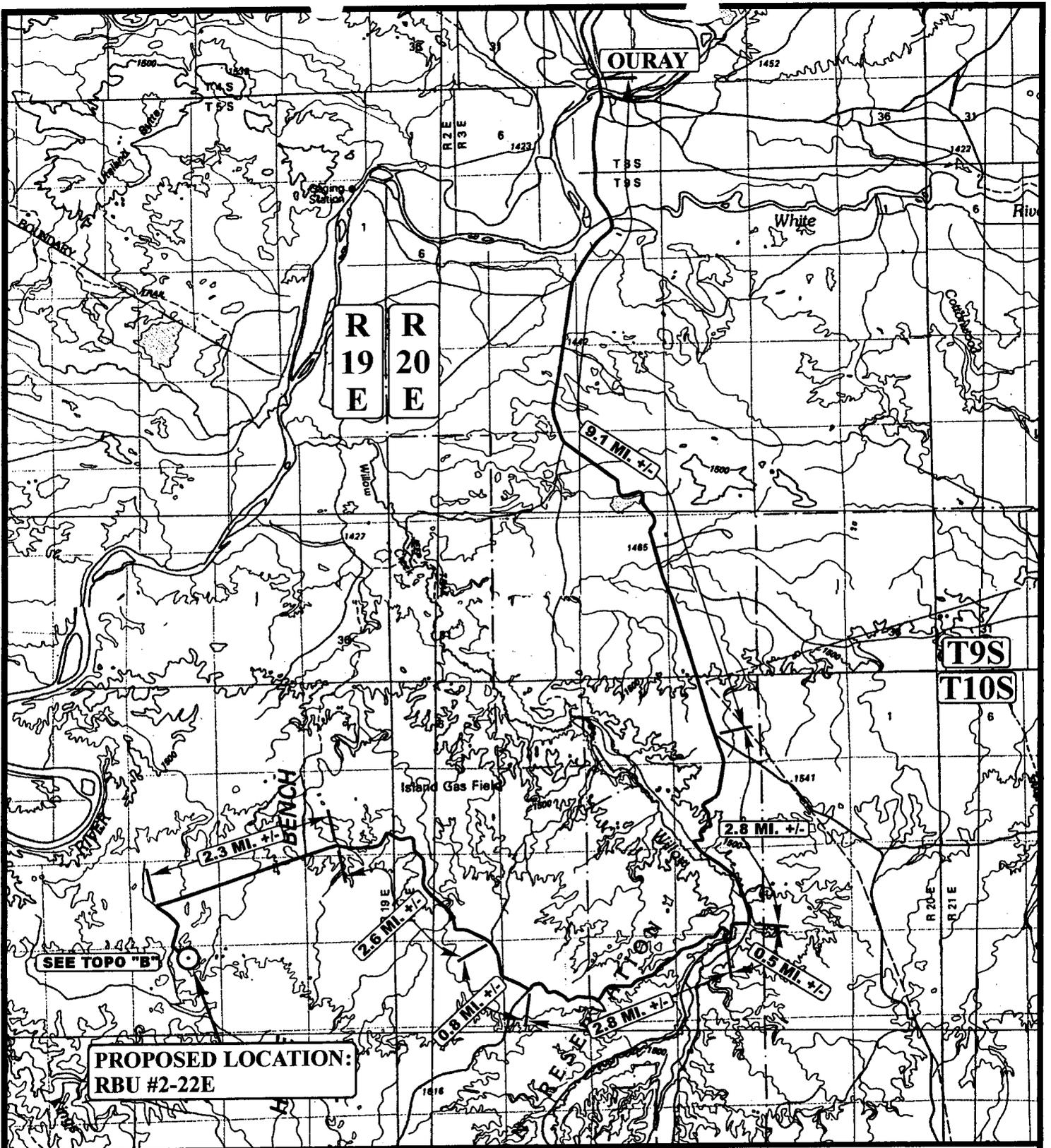
CAMERA ANGLE: EASTERLY



- Since 1964 -

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

LOCATION PHOTOS			05	28	03	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: D.K.	DRAWN BY: P.M.	REVISED: 00-00-00				



**PROPOSED LOCATION:  
RBU #2-22E**

**LEGEND:**

○ PROPOSED LOCATION

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

**RBU #2-22E  
SECTION 22, T10S, R19E, S.L.B.&M.  
831' FNL 2083' FEL**



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



**TOPOGRAPHIC** 05 28 03  
**MAP** MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00



R  
19  
E

OURAY 20.9 MI. +/-

0.6 MI. +/-

PROPOSED ACCESS 0.2 MI. +/-

PROPOSED LOCATION:  
RBU #2-22E

RBU #3-22E

3-124

H  
O  
R

T10S

**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD

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

RBU #2-22E  
 SECTION 22, T10S, R19E, S.L.B.&M.  
 831' FNL 2083' FEL



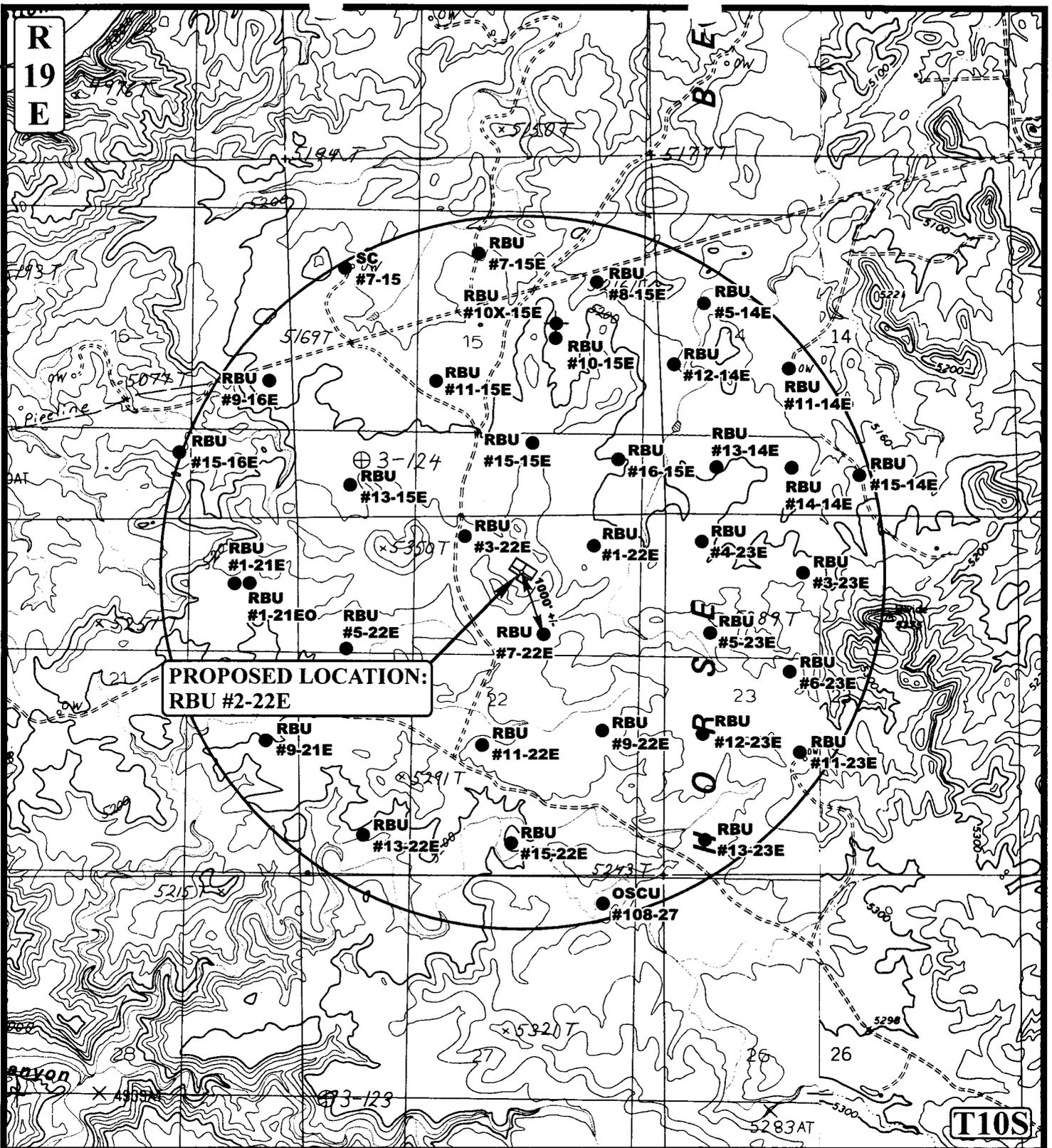
Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC MAP 05 28 03  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00



R  
19  
E



PROPOSED LOCATION:  
RBU #2-22E

T10S

**LEGEND:**

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



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

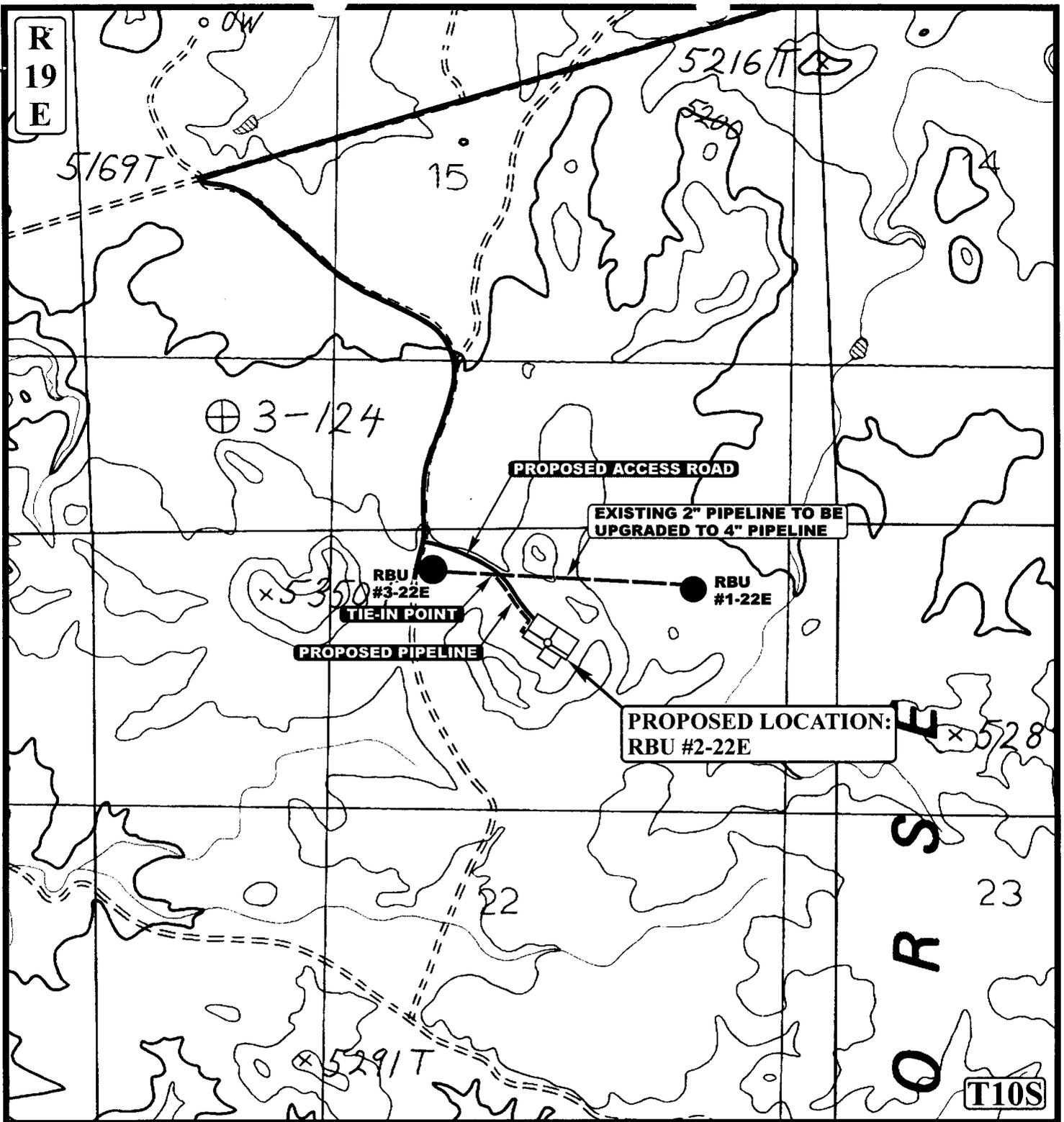
RBU #2-22E  
 SECTION 22, T10S, R19E, S.L.B.&M.  
 831' FNL 2083' FEL



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

TOPOGRAPHIC MAP  
 05 28 03  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 550' +/-

**LEGEND:**

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

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

RBU #2-22E  
 SECTION 22, T10S, R19E, S.L.B.&M.  
 831' FNL 2083' FEL

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



**TOPOGRAPHIC** 05 28 03  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00

**D**  
**TOPO**

DOMINION EXPLR. & PROD., INC.  
RBU #2-22E  
SECTION 22, T10S, R19E, S.L.B.&M.

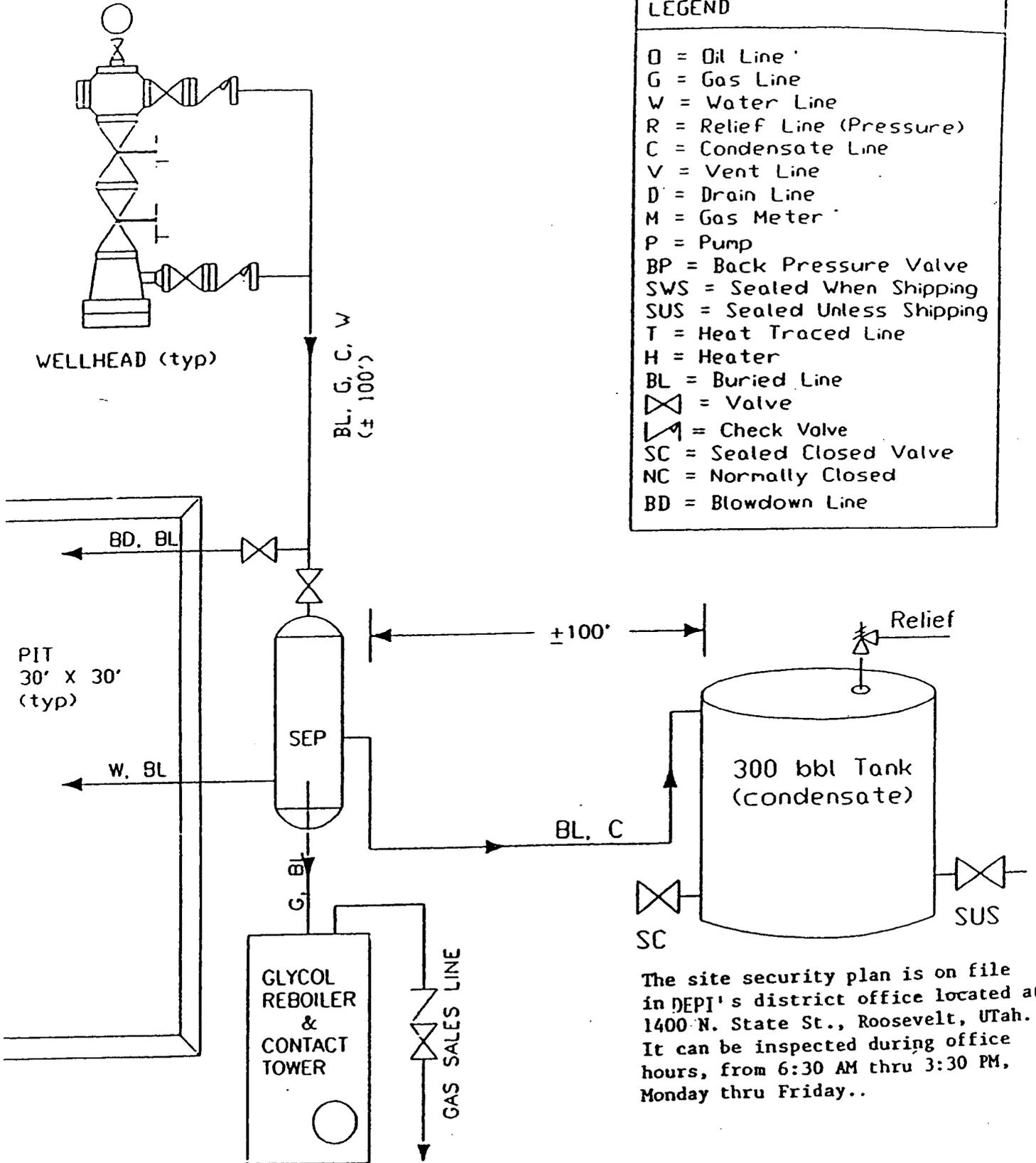
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.7 MILES.

CONFIDENTIAL

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 DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

DOMINION EXPLORATION & PRODUCTION, INC.

ell:

not to scale

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/23/2003

API NO. ASSIGNED: 43-047-35061

WELL NAME: RBU 2-22E

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-687-5310

PROPOSED LOCATION:

NWNE 22 100S 190E  
SURFACE: 0831 FNL 2083 FEL  
BOTTOM: 0831 FNL 2083 FEL  
UINTAH  
NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-013792

SURFACE OWNER: 1 - Federal

LATITUDE: 39.93730

PROPOSED FORMATION: WSTC

LONGITUDE: 109.76564

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 76S630500330 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10447 )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

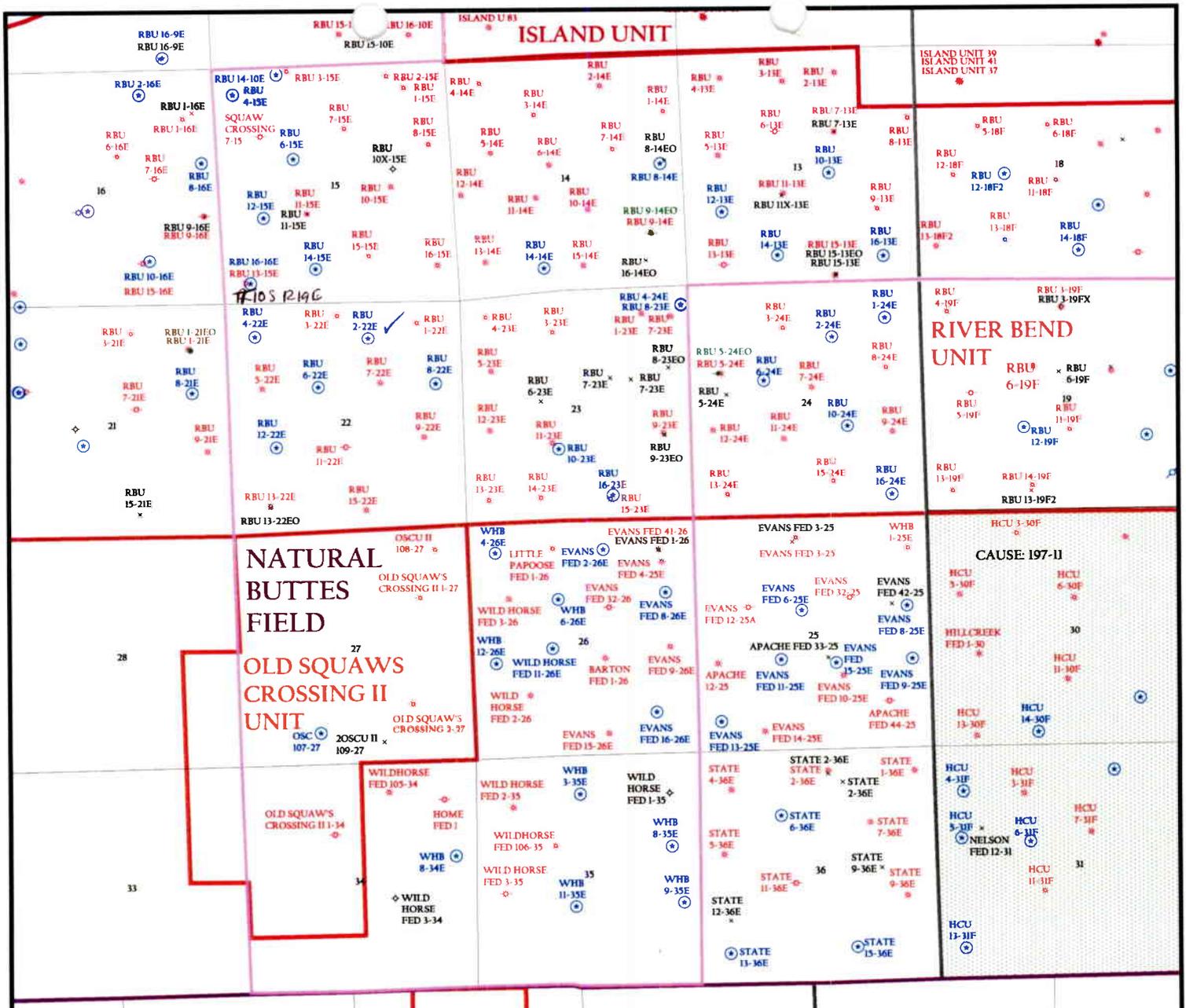
LOCATION AND SITING:

- 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: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

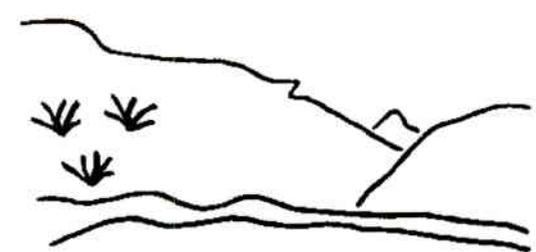
COMMENTS: \_\_\_\_\_

STIPULATIONS: 1- Federal Approval

2- Spacing Strip



OPERATOR: DOMINION EXPL & PROD (N1095)  
 SEC. 13 T.10S, R.19E  
 FIELD: NATURAL BUTTES (630)  
 COUNTY: Uintah  
 SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

- Wells**
- 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

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

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



PREPARED BY: DIANA MASON  
 DATE: 24-JUNE-2003

## 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)

June 24, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development River Bend Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the River Bend Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Wasatch)		
43-047-35059	RBU 12-13E Sec. 13	T10S R19E 1650 FSL 0777 FWL
43-047-35060	RBU 14-13E Sec. 13	T10S R19E 0663 FSL 2035 FWL
43-047-35061	RBU 2-22E Sec. 22	T10S R19E 0831 FNL 2083 FEL
43-047-35062	RBU 6-24E Sec. 24	T10S R19E 2176 FNL 1714 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:6-24-3



Stat of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 24, 2003

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

Re: River Bend Unit 2-22E Well, 831' FNL, 2083' FEL, NW NE, Sec. 22, T. 10 South,  
R. 19 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 43-047-35061.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza". The signature is fluid and cursive, with a large initial "J" and "B".

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Dominion Exploration & Production, Inc.  
**Well Name & Number** River Bend Unit 2-22E  
**API Number:** 43-047-35061  
**Lease:** U-013792

**Location:** NW NE                      **Sec.** 22                      **T.** 10 South                      **R.** 19 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 Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**006**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

JUN 24 2003

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		15. LEASE DESIGNATION AND SERIAL NO. <b>U-013792</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		16. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
2. NAME OF OPERATOR <b>Dominion Exploration &amp; Production, Inc.</b>		7. UNIT AGREEMENT NAME <b>River Bend Unit</b>
3. ADDRESS AND TELEPHONE NO. <b>14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-6690</b>		8. FARM OR LEASE NAME, WELL NO. <b>RBU 2-22E</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface <b>831' FNL, 2,083' FEL NW/4 NE/4</b> At proposed prod. zone <b>831' FNL, 2,083' FEL NW/4 NE/4</b>		9. API WELL NO. <b>43-047-35061</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11.42 miles southwest of Ouray, Utah</b>		10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>596'</b>	16. NO. OF ACRES IN LEASE <b>1,882.20</b>	11. SEC., T., R., M., OR BLK. <b>Section 22</b>
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1,000'</b>	19. PROPOSED DEPTH <b>7,400'</b>	<b>T10S, R19E, SLB&amp;M</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5,250' GR</b>		12. COUNTY OR PARISH <b>Uintah</b>
		13. STATE <b>Utah</b>
		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 acres</b>
		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
		22. APPROX. DATE WORK WILL START* <b>February 1, 2004</b>

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	450 sacks Class C cement + 2% CaCl <sub>2</sub> + 1/4 #/sk. Poly-E-Flakes
12-1/4"	8-5/8" J-55 LT&C	32#	2,200'	385 sacks Lead and 370 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	7,400'	160 sacks Lead and 435 sacks Tail (see Drilling Plan)

**Bond Information:**

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

**Other Information:**

Drilling Plan and Surface Use Plan are attached.  
Dominion requests that this complete application for permit to drill be held confidential.

**RECEIVED  
NOV 19 2003**

DIV. OF OIL, GAS & MINING  
**CONFIDENTIAL**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Don Hamilton TITLE Agent for Dominion DATE June 20, 2003

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

APPROVED BY [Signature] TITLE Assistant Field Manager DATE 11/14/2003  
Mineral Resources

**NOTICE OF APPROVAL**

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

*03PS0396A  
WDO/MA*

**CONDITIONS OF APPROVAL ATTA**

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion E&P Inc..  
Well Name & Number: River Bend Unit 2-22E  
API Number: 43-047-35061  
Lease Number: U-13792  
Location: NWNE Sec. 22 T.10S R. 19E  
Agreement: River Bend Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the top of the fresh water identified at  $\pm 3659'$ .

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing

**Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.**

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

6. Notifications of Operations

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting

or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery. All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty

Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

#### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

## CONDITIONS OF APPROVAL

For The Surface Use Program Of The  
Application For Permit To Drill

Company/Operator: Dominion Exploration and Production Inc. API Number:  
Well Name & Number: RBU 2-22E Surface Ownership: BLM  
Lease Number: UTU013792 Date NOS Received: 4/16/03  
Location: NWNE Sec. 22, T10S, R19E Date APD Received: 6/24/03

- A plastic liner is required in the reserve pit. A felt liner would not be required unless rocks are encountered or blasting is required.
- If fossilized materials found during construction, the contractor should cease work and call in a paleontological consultant to evaluate the discovery.
- If cultural materials are found during construction, the contractor must cease work and call in an archeological consultant to evaluate the discovery.
- The seed mix for this location shall be:

Crested wheatgrass	<i>Agropyron cristatum</i>	2 lbs. /acre
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	4 lbs. /acre
Galleta grass	<i>Hilaria jamesii</i>	3 lbs. /acre
Shadscale	<i>Atriplex confertifolia</i>	3 lbs. /acre

  - All poundages are in pure live seed.
  - Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil should be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

008

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

5. Lease Serial No.  
U-013792

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RBU 2-22E

9. API Well No.  
43-047-35061

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. County or Parish, and State  
UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

**CONFIDENTIAL**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DOMINION EXPL. & PROD., INC. Contact: CARLA CHRISTIAN  
E-Mail: Carla\_M\_Christian@dom.com

3a. Address  
14000 QUAIL SPRINGS PARKWAY, SUITE 600  
OKLAHOMA CITY, OK 73134

3b. Phone No. (include area code)  
Ph: 405.749.5263  
Fx: 405.749.6690

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 22 T10S R19E NWNE 831FNL 2083FEL

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

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

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

The State APD for this well expires June 24, 2004. Dominion is hereby requesting a one year extension. Dominion would like to eliminate the 13 3/8" surface csg., and change the TD as reflected in the attached new drilling plan.

*Federal Approval of this  
Action is Necessary*

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

Date: 06-28-04  
By: *[Signature]*

COPIES SENT TO OPERATOR  
Date: 6-28-04  
Initials: CHD

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #32020 verified by the BLM Well Information System  
For DOMINION EXPL. & PROD., INC., sent to the Vernal**

Name (Printed/Typed) CARLA CHRISTIAN Title AUTHORIZED REPRESENTATIVE

Signature *Carla Christian* (Electronic Submission) Date 06/16/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**RECEIVED**  
**JUN 22 2004**  
DIV. OF OIL, GAS & MINING

**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

CONFIDENTIAL

**Attachment for Permit to Drill**

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 2-22E  
831' FNL & 2083' FEL  
Section 22-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Green River	1,272'
Wasatch Tongue	4,182'
Green River Tongue	4,512'
Wasatch	4,672'
Chapita Wells	5,572'
Uteland Buttes	6,772'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Green River	1,272'	Oil
Wasatch Tongue	4,182'	Oil
Green River Tongue	4,512'	Oil
Wasatch	4,672'	Gas
Chapita Wells	5,572'	Gas
Uteland Buttes	6,772'	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	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,600'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

**DRILLING PLAN**  
**APPROVAL OF OPERATIONS**

CONFIDENTIAL

5. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL**

**Surface hole:** No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.

**Production hole:** Prior to drilling out the surface 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.

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' – 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' – 8,600'	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 contact 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 surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface 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 H<sub>2</sub>S gas.

**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

CONFIDENTIAL

**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

**12. CEMENT SYSTEMS**

**a. Surface Cement:**

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- 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 the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	252	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	835 CF	35%
Tail	219	1,500'-2,000'	15.6 ppg	1.18 CFS	220 CF	297 CF	35%
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	95 CF	118 CF	24% (if required)

**Lead Mix:** Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.  
 Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
 Water requirement: 22.95 gal/sack

**Tail Mix:** Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
 Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
 Water requirement: 5.2 gal/sack

**Top Out:** Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
 Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
 Water requirement: 5.2 gal/sack

**c. Production Casing Cement:**

- Drill 7-7/8" hole to 8,600'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-8,600'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: A caliper log will be ran to determine cement volume requirements.

**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: August 24, 2004  
 Duration: 14 Days



CONFIDENTIAL

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

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

**API:** 43-047-35061  
**Well Name:** RBU 2-22E  
**Location:** Section 22-10S-19E, 831' FNL & 2083' FEL  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 6/24/2003

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

Carla Christian  
Signature

6/16/2004  
Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

007

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU013792
2. Name of Operator DOMINION EXPL & PRODUCTION INC		6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
3a. Address 14000 QUAIL SPRINGS PKWY, #600 OKLAHOMA CITY, OK 73134-2600		7. If Unit or CA/Agreement, Name and/or No. UTU63054A
3b. Phone No. (include area code) Ph: 405.749.5263 Fx: 405.749.6690		8. Well Name and No. RBU 2-22E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T10S R19E NWNE 831FNL 2083FEL		9. API Well No. 43-047-35061-00-X1
		10. Field and Pool, or Exploratory RIVER BEND
		11. County or Parish, and State UINTAH COUNTY, UT

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

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

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

The State APD for this well expires June 24, 2004. Dominion is hereby requesting a one year extension. Dominion would like to eliminate the 13 3/8" surface csg., and change the TD as reflected in the attached new drilling plan.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #32020 verified by the BLM Well Information System For DOMINION EXPL &amp; PRODUCTION INC, sent to the Vernal Committed to AFMSS for processing by LESLIE WALKER on 06/16/2004 (04LW3865SE)</b>	
Name (Printed/Typed) CARLA CHRISTIAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/16/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>KIRK FLEETWOOD</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>06/25/2004</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <u>Vernal</u>

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #32020**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	U-013792	UTU013792
Agreement:		UTU63054A
Operator:	DOMINION EXPL. & PROD., INC. 14000 QUAIL SPRINGS PARKWAY, SUITE 600 OKLAHOMA CITY, OK 73134 Ph: 405.749.5263 Fx: 405.749.6690	DOMINION EXPL & PRODUCTION INC 14000 QUAIL SPRINGS PKWY, #600 OKLAHOMA CITY, OK 73134-2600 Ph: 405.749.5273
Admin Contact:	CARLA CHRISTIAN AUTHORIZED REPRESENTATIVE E-Mail: Carla_M_Christian@dom.com  Ph: 405.749.5263 Fx: 405.749.6690	CARLA CHRISTIAN AUTHORIZED REPRESENTATIVE E-Mail: Carla_M_Christian@dom.com  Ph: 405.749.5263 Fx: 405.749.6690
Tech Contact:		
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
Field/Pool:	NATURAL BUTTES	RIVER BEND
Well/Facility:	RBU 2-22E Sec 22 T10S R19E NWNE 831FNL 2083FEL	RBU 2-22E Sec 22 T10S R19E NWNE 831FNL 2083FEL

Dominion Exploration and Prod. Inc.  
APD Extension

Well: RBU 2-22E

Location: NENE Sec. 22 T10S, R19E

Lease: U-013792

**Conditions of Approval**

An extension for the referenced APD is granted with the following condition(s):

1. The extension will expire 11/13/05
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.

009

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095  
 Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state Ok zip 73134 Phone Number: (405) 749-1300

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-35061	RBU 2-22E	NWNE	22	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
AB	99999	7050	7/22/2004		8/31/04	
Comments: <i>WSTC</i> <b>CONFIDENTIAL</b>						

Well 2

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

Well 3

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

ACTION CODES:

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

Carla Christian  
 Name (Please Print)  
*Carla Christian*  
 Signature  
 Regulatory Specialist  
 Title  
 8/26/2004  
 Date

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AUG 30 2004

CONFIDENTIAL

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

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

010

5. Lease Serial No.  
U-013792

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RBU 2-22E

9. API Well No.  
43-047-35061

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. County or Parish, and State  
UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DOMINION EXPL. & PROD., INC. Contact: CARLA CHRISTIAN  
E-Mail: Carla\_M\_Christian@dom.com

3a. Address  
14000 QUAIL SPRINGS PARKWAY, SUITE 600  
OKLAHOMA CITY, OK 73134

3b. Phone No. (include area code)  
Ph: 405.749.5263  
Fx: 405.749.6690

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 22 T10S R19E NWNE 831FNL 2083FEL

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

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

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

Spud well 7/22/04. 7/24/04 ran 53 jts. 8 5/8", 32#, J-55, ST&C 8rd csg., set @ 2234'. Cemented lead w/250 sks Prem Type V, 11.0 ppg, 3.82 cuft/sk., tailed w/250 sks Prem G, 15.8 ppg, 1.15 cuft/sk, bumped plug, floats held. No cmt. to surface. 8/9/04 ran 205 jts. 5 1/2" 17#, M-80, ST&C 8rd csg., set @ 8643'. Cemented lead w/75 sks Hi Fill Type V, 3.12 yield 11.6 ppg, tailed w/695 sks HLC Type V, 1.69 yield 13.0 ppg. Bumped plug, floats held, cleaned pits released rig.

RECEIVED  
SEP 0 / 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #35374 verified by the BLM Well Information System For DOMINION EXPL. & PROD., INC., sent to the Vernal**

Name (Printed/Typed) CARLA CHRISTIAN Title AUTHORIZED REPRESENTATIVE

Signature *Carla Christian* (Electronic Submission) Date 08/30/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.  
U-013792

6. If Indian, Allottee or Tribe Name

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

011

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. RBU 2-22E
2. Name of Operator DOMINION EXPL. & PROD., INC. Contact: CARLA CHRISTIAN E-Mail: Carla_M_Christian@dom.com		9. API Well No. 43-047-35061
3a. Address 14000 QUAIL SPRINGS PARKWAY, SUITE 600 OKLAHOMA CITY, OK 73134	3b. Phone No. (include area code) Ph: 405.749.5263 Fx: 405.749.6690	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T10S R19E NWNE 831FNL 2083FEL		11. County or Parish, and State UINTAH COUNTY, UT

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

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

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

9/3/04 perf'd & frac'd well. First sales 9/4/04.

RECEIVED  
SEP 13 2004

DIV. OF OIL, GAS & MINERAL

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #35922 verified by the BLM Well Information System  
For DOMINION EXPL. & PROD., INC., sent to the Vernal**

Name (Printed/Typed) CARLA CHRISTIAN	Title AUTHORIZED REPRESENTATIVE
Signature <i>Carla Christian</i> (Electronic Submission)	Date 09/10/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

# Well Information System

## Final Submission Confirmation

You have saved a FINAL version of a Sundry Notice, which will be sent to the BLM.

Current status of Transaction Number **35922**:

Sundry Notice Type: **SUBSEQUENT REPORT-Drilling Operations**

Date Sent: **9/10/2004**

Current status of submission: **RECVD**

Sent to BLM office: **Vernal**

Lease number: **U-013792**

Submitted attachments: **0**

Well name(s) and number(s):

**RBU #2-22E**

To edit, view, or add a note, [click here](#) this note is for your (the operator's) use only and will not be sent to the BLM

To use this Sundry Notice to file another   [click here](#).

To view or print this Sundry Notice, [click here](#).

To add/view or remove attachments previously submitted for this Sundry Notice, [click here](#).

To return to the Previous Submissions screen, [click here](#).

To return to the Operator Main Menu, [click here](#).



# FAX COVER

012

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : RBU 2-22E *T10S R19E S-22 43-042-35061*

Pages including cover page: 8

Date : 9/15/2004

Time : 3:17:44 PM

E-mail Address: Terri\_R\_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED  
 SEP 15 2004  
 DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 2-22E**

Event No: 1

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0401982

API # : 43-04735061

PLAN DEPTH : 7,400

SPUD DATE :

DHC : \$362,000

CWC : \$491,000

AFE TOTAL : \$853,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$602,028

EVENT CC : \$127,175

EVENT TC : \$729,203

WELL TOTL COST : \$857,241

**REPORT DATE: 07/23/04** MD : 325 TVD : 325 DAYS : 1 MW : VISC :  
 DAILY : DC : CC : TC : CUM : DC : \$0 CC : \$0 TC : \$0  
 DAILY DETAILS : MIRU AND DRLG TO 325

**REPORT DATE: 07/24/04** MD : 1,875 TVD : 1,875 DAYS : 2 MW : VISC :  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$0 CC : \$0 TC : \$0  
 DAILY DETAILS : DRLG F/ 325 TO 1875

**REPORT DATE: 07/25/04** MD : 2,260 TVD : 2,260 DAYS : 3 MW : VISC :  
 DAILY : DC : \$154,567 CC : \$0 TC : \$154,567 CUM : DC : \$154,567 CC : \$0 TC : \$154,567  
 DAILY DETAILS : DRLG F/ 1875 TO 2260 RUN 53 JTS OF 8 5/8 32# J-55 ST&C 8RD CSG TO 2234.15' CEMENT W/ 250 SKS PREM  
 TYPE-V W/ 16% GEL, 10#/SK GILSONITE, 3% SALT, 1/4#/SK FLOCELE, 11 PPG, 3.82 CUFT/SK, 23 GAL  
 WATER/SK, FOLLOWED BY 250 SKS OF PREM G W/ 2% CALC CHLORIDE, 1/4#/SK FLOCELE, 15.8 PPG, 1.15  
 CUFT/SK, 5 GAL WATER/SK, BUMP PLUG W/ 750 PSI CHECK FLTS HELD, NO CEMENT TO SURFACE, TOP  
 OUT W/ 200SKS OF PREM G W/ 3% CALC CHLORIDE, 1/4 #/SK FLOCELE, 15.8 PPG, 1.15 CUFT/SK, 5 GAL  
 WATER/SK

**REPORT DATE: 08/03/04** MD : 2,260 TVD : 2,260 DAYS : 4 MW : VISC :  
 DAILY : DC : \$70,645 CC : \$0 TC : \$70,645 CUM : DC : \$225,212 CC : \$0 TC : \$225,212  
 DAILY DETAILS : MIRU TESTING BOPE ( BLM REP ON LOCATION) PU BHA & DP

**REPORT DATE: 08/04/04** MD : 4,121 TVD : 4,121 DAYS : 5 MW : 8.7 VISC : 26  
 DAILY : DC : \$22,050 CC : \$0 TC : \$22,050 CUM : DC : \$247,262 CC : \$0 TC : \$247,262  
 DAILY DETAILS : INSTALL ROT HEAD DRLG CEMENT FLT & SHOE FIT 120PSI 15 MIN DRLG F/ 2260 TO 2338 SURVEY @ 2265 1.5  
 DEG DRLG F/ 2338 TO 2781 SURVEY @ 2700 2.25 DEG DRLG F/ 2781 TO 3260 SURVEY @ 3185 2 DEG DRLG F/  
 3260 TO 3771 SURVEY @ 3696 1.5 DEG DRLG F/ 3771 TO 4121

**REPORT DATE: 08/05/04** MD : 6,049 TVD : 6,049 DAYS : 6 MW : VISC : 26  
 DAILY : DC : \$16,645 CC : \$0 TC : \$16,645 CUM : DC : \$263,907 CC : \$0 TC : \$263,907  
 DAILY DETAILS : DRLG F/ 4121 TO 4343 SURVEY @ 4269 2 DEG DRLG F/ 4343 TO 4849 SURVEY @ 4775 1.5 DEG RIG SERVICE  
 DRLG F/ 4849 TO 5820 SURVEY @ 5743 2 DEG DRLG F/ 5820 TO 6049

**REPORT DATE: 08/06/04** MD : 7,600 TVD : 7,600 DAYS : 7 MW : 9.1 VISC : 35  
 DAILY : DC : \$21,831 CC : \$0 TC : \$21,831 CUM : DC : \$286,588 CC : \$0 TC : \$286,588  
 DAILY DETAILS : DRILL 6049-6808 SURVEY @ 6740 2 DEG. RIG SERVICE DRILL 6808-7600

**REPORT DATE: 08/07/04** MD : 8,276 TVD : 7,600 DAYS : 8 MW : 9.1 VISC : 35  
 DAILY : DC : \$29,880 CC : \$0 TC : \$29,880 CUM : DC : \$317,318 CC : \$0 TC : \$317,318  
 DAILY DETAILS : DRILL 7600-8073 SERVICE RIG DRILL 8073-8276 CIRCULATE PILL-DROP SURVEY POOH FOR BIT,L/D MTR AND  
 2 JTS DP

RECEIVED  
 SEP 15 2004



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 2-22E**

Event No: 1

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0401982

API # : 43-04735061

PLAN DEPTH : 7,400

SPUD DATE :

DHC : \$362,000

CWC : \$491,000

AFE TOTAL : \$853,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$602,028

EVENT CC : \$127,175

EVENT TC : \$729,203

WELL TOTL COST : \$857,241

**REPORT DATE: 08/08/04** MD: 8,650 TVD: 8,650 DAYS: 9 MW: 9.5 VISC: 37  
 DAILY: DC: \$15,880 CC: \$0 TC: \$15,880 CUM: DC: \$334,048 CC: \$0 TC: \$334,048  
 DAILY DETAILS: TIH W/BHA CUT DRILL LINE 88' CUT TIH TO 8231 REAM-WASH 8231-8276 DRILL 8276-8460 SERVICE RIG  
 REPAIR PUMP#1, CIRC W/# 2 PUMP DRILL 8460-8650 CIRCULATE PUMP PILL-DROP SURVEY POOH FOR  
 LOGGING RUN

**REPORT DATE: 08/09/04** MD: 8,650 TVD: 8,650 DAYS: 10 MW: 9.6 VISC: 35  
 DAILY: DC: \$43,616 CC: \$0 TC: \$43,616 CUM: DC: \$378,514 CC: \$0 TC: \$378,514  
 DAILY DETAILS: POOH FOR LOGS LOG W/BAKER ATLAS RUN TRIPLE COMBO LOGGER TD-8648 DRILLER TD 8650 TIH  
 WASH-RM 8642-8650 CIRCULATE R/U LAYDOWN MACHINE LAY DOWN 4.5 DRILL PIPE R/U CSG CREW, START  
 RUNNING CSG 5.5, 17.0 PPF, STC 8 RD, 3 JTS P/U AT REPORT TIME

**REPORT DATE: 08/10/04** MD: 8,650 TVD: 8,650 DAYS: 11 MW: VISC:  
 DAILY: DC: \$110,907 CC: \$0 TC: \$110,907 CUM: DC: \$490,271 CC: \$0 TC: \$490,271  
 DAILY DETAILS: RUN 5 1/2 PROD CSG, RAN 205 JTS 5 1/2 17.0 #, M-80, STC 8 RD CSG, SET AT 8643' CIRCULATE -R/U  
 HALLIBURTON AND R/D CSG CREW CEMENT 5 1/2 CSG W/ HALLIBURTON LEAD-75 SX HI FILL TYPE V CMT  
 W/ 16% GEL, 35% POZ, 3% SALT, 1% HR-7, .25#/SK FLOCELE, 10#/SK GILSONITE, 17.83 WRQ, 3.12 YIELD, 11.6 PPG  
 TAIL-695 SX HLC TYPE V W/ 65/35 POZ, 6% GEL, 3% KCL, 6% HALAD-322, 2% HR-5, 8.81 WRQ, 1.69 YIELD, 13.0  
 PPG BUMPED PLUG W/2200 PSI PRESSURE RELEASED-FLOATS HELD R/D HALLIBURTON total cmt-lead 41.7  
 bbl, tail-209 bbl CLEAN PITS -RIG RELEASE @ 1730 RIG DOWN PREPARE FOR MOVE WAIT ON TRUCKS

**REPORT DATE: 08/28/04** MD: 8,650 TVD: 8,650 DAYS: 12 MW: VISC:  
 DAILY: DC: \$111,757 CC: \$13,175 TC: \$124,932 CUM: DC: \$602,028 CC: \$13,175 TC: \$615,203  
 DAILY DETAILS: MIRU SCHLUMBERGER WIRELINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1000#  
 PRESSURE F/ W.L. PBTD @ 8589' TO 2800' KB. FOUND CMT TOP @ 3000' KB. POOH W/ WIRELINE, AND  
 PRESSURE TEST CSG TO 5000#, HELD GOOD. RIH AND PERFORATE STAGE #1, RDMO SCHLUMBERGER, AND  
 ACTION. WAIT ON FRAC DATE,

RECEIVED  
 SEP 15 2004  
 DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 2-22E**

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0401982

API # : 43-04735061

PLAN DEPTH : 7,400

SPUD DATE :

DHC : \$362,000

CWC : \$491,000

AFE TOTAL : \$853,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$602,028

EVENT CC : \$127,175

EVENT TC : \$729,203

WELL TOTL COST : \$857,241

**REPORT DATE: 09/03/04**

MD : 8,650

TVD : 8,650

DAYS : 13

MW :

VISC :

DAILY : DC : \$0

CC : \$114,000

TC : \$114,000

CUM : DC : \$602,028

CC : \$127,175

TC : \$729,203

DAILY DETAILS :

RECEIVED  
SEP 15 2004  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 2-22E**

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0401982

API # : 43-04735061

PLAN DEPTH : 7,400

SPUD DATE :

DHC : \$362,000

CWC : \$491,000

AFE TOTAL : \$853,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$602,028

EVENT CC : \$127,175

EVENT TC : \$729,203

WELL TOTL COST : \$857,241

FRAC STAGE #1, PERFORATE AND FRAC STAGES #2 THRU #5. TURU WELL OVER TO PRODUCTION.

**Details as follows:**

MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval # 1, 8276-91', 1 spf, 8322-26', 2 spf, 8356-67', 1 spf, 8367-71', 2 spf, 8422-26', 2 spf, 8478-83', 1 spf, 61 holes, with 81,120# 20/40 PR6000 sand. Pumped frac at an average rate of 37.7 bpm, using 497.9 mscf of N2 and 963 bbls of fluid. Average surface treating pressure was 4182 psi with sand concentrations stair stepping from 0.5 ppg to 4.0 ppg.

5589 gallons Pad YF120ST/N2 gel.

2808 gallons YF120ST/N2 pumped @ 0.5 ppg sand concentration.

2809 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

3508 gallons YF120ST/N2 pumped @ 1.5 ppg sand concentration.

3508 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

3506 gallons YF120ST/N2 pumped @ 2.5 ppg sand concentration.

3504 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2835 gallons YF120ST/N2 pumped @ 3.5 ppg sand concentration.

3091 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

8019 gallons WF110 slick

water flush.

Total frac fluid pumped 963 bbls.

N2 was cut during flush. Ru wire line, RIH and set 8K frac plug @ 8000'. RIH and perforate interval #2 @ 7700-04', 6 spf, 7801-08', 5 spf, 61 holes. Fraced interval #2 w/ 40,691# 20/40 Ottawa sand. Pumped frac at an avg rate of 30.6 bpm, using 168.7 mscf of N2 and 424 bbls of fluid. Avg surface treating pressure was 4083 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2788 gallons Pad YF120ST/N2 gel.

1443 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

1407 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

1406 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

1410 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

1847 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7476 gallons WF110 slick water flush.

Total frac fluid pumped 424 bbls. N2 was cut during flush. RIH and set 5k frac plug @ 7400', perforate interval # 3 @ 7160-64', 6 spf, 7206-18', 3 spf, 62 holes. Fraced interval #3 w/ 51,145# 20/40 Ottawa sand. Pumped frac at an avg rate of 29.8 bpm, using 175.6 mscf of N2 and 455 bbls of fluid. Avg surface treating pressure was 3080 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2787 gallons Pad YF115ST/N2 gel.

1431 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

2111 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2108 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2109 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

1630 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

6928 gallons WF110 slick water flush.

Total frac fluid pumped 455 bbls. N2 was cut during flush. RIH and set 5k frac plug @ 6900', perforate interval # 4 @ 6418-23', 3 spf, 6473-76', 3 spf, 6680-88', 2 spf, 6693-6701', 2 spf, 60 holes. Fraced interval #4 w/ 60,801# 20/40 Ottawa sand. Pumped frac at an avg rate of 34.7 bpm, using 175.7 mscf of N2 and 480 bbls of fluid. Avg surface treating pressure was 3163 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2874 gallons Pad YF115LG/N2 gel.

2130 gallons pumped YF115LG/N2 @ 2.0 ppg sand concentration.

2116 gallons pumped YF115LG/N2 @ 3.0 ppg sand concentration.

2115 gallons pumped YF115LG/N2 @ 4.0 ppg sand concentration.

2112 gallons pumped YF115LG/N2 @ 5.0 ppg sand concentration.

2589 gallons pumped YF115LG/N2 @ 6.0 ppg sand concentration.

6233 gallons WF110 slick water flush.

Total frac fluid pumped 480 bbls. N2 was cut during flush. RIH and set 5k frac plug @ 5800', perforate interval # 5 @ 5698-5708', 6 spf, 61 holes. Fraced interval #5 w/ 63,362# 20/40 Ottawa sand. Pumped frac at an avg rate of 32.5 bpm, using 218.6 mscf of N2 and 485 bbls of fluid. Avg surface treating pressure was 2729 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2790 gallons Pad YF115LG/N2 gel.

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DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : RBU 2-22E**

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0401982

API # : 43-04735061

PLAN DEPTH : 7,400

SPUD DATE :

DHC : \$362,000

CWC : \$491,000

AFE TOTAL : \$853,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$602,028

EVENT CC : \$127,175

EVENT TC : \$729,203

WELL TOTL COST : \$857,241

2128 gallons YF115LG/N2 pumped @ 2.0 ppg sand concentration.

2110 gallons YF115LG/N2 pumped @ 3.0 ppg sand concentration.

2109 gallons YF115LG/N2 pumped @ 4.0 ppg sand concentration.

2111 gallons YF115LG/N2 pumped @ 5.0 ppg sand concentration.

2405 gallons YF115LG/N2 pumped @ 6.0 ppg sand concentration.

4072 gallons WF110 slick water flush.

Total frac fluid pumped 485 bbs. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Turned well over to production.

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## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 2-22E**

Event No: 2

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-04735061

PLAN DEPTH : 7,400 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$0

EVENT CC : \$0

EVENT TC : \$0

WELL TOTL COST: \$857,241

<b>REPORT DATE:</b> 09/03/04	MD :	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : WELL FLOWING TO PIT AFTER FRAC ON 12/64 CHOKE, 2675 FCP, 3021 TOTAL FRAC FLUID, OPENED TO PIT @ 2:30 PM, 9/2/04, CHANGED CHOKE TO 18/64, 800 FCP TURNED BACK TO PIT @ 6:30 AM, 9/30/04 RECOVERED APPROX. 900 BBLs FLUID.

<b>REPORT DATE:</b> 09/04/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : WELL FLOWING TO PIT ON 18/64 CHOKE, RECOVERED APPROX. 780 BBLs. FLUID.

<b>REPORT DATE:</b> 09/05/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : TURNED WELL TO SALES 9/4/04 11:00 AM 16 HRS. RUN, MADE 308 MCF, 0 OIL, 10 WTR, FCP 137, SLP 136, 48/64 CHOKE.

<b>REPORT DATE:</b> 09/06/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : MADE 385 MCF, 0 OIL, 13 WTR, FCP 90, SLP 89, 48/64 CHOKE.

<b>REPORT DATE:</b> 09/07/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : MADE 311 MCF, OIL, WTR, FCP 102, SLP 100, 48/64 CHOKE.

<b>REPORT DATE:</b> 09/08/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : MADE 290 MCF, 0 OIL, 8 WTR, FCP 89, SLP 88, 48/64 CHOKE.

<b>REPORT DATE:</b> 09/09/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : MADE 239 MCF, 0 OIL, 5 WTR, FCP 138, SLP 138, 48/64 CHOKE.

<b>REPORT DATE:</b> 09/10/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : MADE 220 MCF, 0 OIL, 0 WTR, FCP 89, SLP 87, 48/64 CHOKE.

<b>REPORT DATE:</b> 09/11/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : MADE 207 MCF, 0 OIL, 0 WTR, FCP 95, SLP 100, 48/64 CHOKE.

<b>REPORT DATE:</b> 09/12/04	MD : 0	TVD : 0	DAYS :	MW :	VISC :
DAILY : DC :	CC :	TC :	CUM : DC : \$0	CC : \$0	TC : \$0

DAILY DETAILS : MADE 184 MCF, 0 OIL, 0 WTR, FCP 269, SLP 269, 48/64 CHOKE.

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## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 2-22E**

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

Event No: 2

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-04735061

PLAN DEPTH : 7,400 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$0

EVENT CC : \$0

EVENT TC : \$0

WELL TOTL COST : \$857,241

REPORT DATE: 09/13/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 70 MCF, 0 OIL, 37 WTR, FCP 756, SLP 79, 48/64 CHOKE.

REPORT DATE: 09/14/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 10 MCF, 0 OIL, 0 WTR, FCP 1.5, SLP 79, 18/64 CHOKE, WELL PUT BACK TO PIT TO UNLOAD SAND, WELL LOADED UP, WAIT ON WORKOVER.

REPORT DATE: 09/15/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : WELL LOADED UP WAITING ON WORKOVER FOR C/O

**WELL NAME : RBU 2-22E**

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

Event No: 99

LOCATION : 831 FNL 2083 FEL SEC 22 T 10S R 19E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-04735061

PLAN DEPTH : 7,400 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$0

EVENT CC : \$128,038

EVENT TC : \$128,038

WELL TOTL COST : \$857,241

REPORT DATE: 06/24/04

MD :

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0

CC : \$4,697

TC : \$4,697

CUM : DC : \$0

CC : \$4,697

TC : \$4,697

DAILY DETAILS : HAULED DOWN 80' OF 4" COATED 1.88 #42 AND 28' OF 4" 1.88 #42 TO 3-22E LOCATION. TAPED AND BEARED QUESTAR 6" PIPELINE. PUT 4" ROAD CROSSING WITH 4" VALVE AND CHECK FOR 2-22E, PUT ROAD CROSSING IN 3-22E, 2" SALES LINE.

REPORT DATE: 06/25/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0

CC : \$23,863

TC : \$23,863

CUM : DC : \$0

CC : \$28,560

TC : \$28,560

DAILY DETAILS : NATIONAL HAULED IN 2426 FT. 4". BRAD'S TIED 4" TO 2" METER RUN 4" FROM LOCATION TO 2" SALES LINE OF 3-22E AND REPLACED 2" FROM 2-22E ROAD TO RBU 1-22E. HAULED REPLACED 2" TO ROOSEVELT TO YARD.

REPORT DATE: 09/04/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0

CC : \$99,478

TC : \$99,478

CUM : DC : \$0

CC : \$128,038

TC : \$128,038

DAILY DETAILS : MOVED IN AND SET CHALLENGER 400 BBL. TANK SN# 3A029-03-01. SET NATCO DEHY/SEPERATOR SN# NI8N09201-10. SET METER HOUSE WITH 2" METER RUN. TIED METER RUN TO 4" SALES LINE, RUN 2" SCH. 80 FROM DEHY TO METER RUN. RUN 2" AND 1/2 SCH. 80 FROM WELLHEAD TO SEPERATOR. RUN 2" SCH. 80 BLOW LINE WITH 1/2 FUEL GAS LINE FROM SEPERATOR TO 400 BBL. TANK. PUT 33'X33'X35" TANK RING AROUND TANK. RU TOTAL FLOW GAS METER FILLED DEHY AND SEPERATOR WITH 50/50 AND TEG. TRACED ALL LINES WITH 1/2 COPPER. INSULATED LINES, WELL READY TO PUT ON PRODUCTION.

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**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

**013**

**CONFIDENTIAL**

5. Lease Serial No. **U-013792**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Diff. Reserv.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

2. Name of Operator  
**Dominion Exploration & Production, Inc.**

7. Unit or CA Agreement Name and No.  
**River Bend Unit**

3. Address  
**14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134**

8. Lease Name and Well No.  
**RBU 2-22E**

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
At surface \_\_\_\_\_

9. API Well No.  
**43-047-35061**

At top prod. interval reported below  
**831' FNL & 2083' FEL NWNE**

10. Field and Pool, or Exploratory  
**Natural Buttes**

At total depth \_\_\_\_\_

11. Sec., T., R., M., or Block and Survey or Area  
**22-10S-19E**

12. County or Parish  
**Uintah**

13. State  
**UT**

14. Date Spudded  
**7/22/2004**

17. Elevations (DF, RKB, RT, GL)\*  
**5250' GL**

15. Date T.D. Reached  
**8/8/2004**

16. Date Completed  D&A  Ready to prod. **9/4/2004**

18. Total Depth: MD **8650'** TVD \_\_\_\_\_

19. Plug Back T.D.: MD **8589'** TVD \_\_\_\_\_

20. Depth Bridge Plug Set: MD \_\_\_\_\_ TVD \_\_\_\_\_

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 Dual Laterolog, Comp. Z-Densilog, Comp. Neutron  
 Gamma Ray/Caliper Log, Cement Bond Log, *CBL/CA/CL*

22. Was well cored?  No  Yes (Submit analysis)

Was DST run?  No  Yes (Submit report)

Directional Survey?  No  Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	32#	Surface	2234'		700 Sks		Surface	
7 7/8"	5 1/2"	17#	Surface	8643'		770 Sks		3010'	

**24. Tubing Record**

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	8466'							

**25. Producing intervals**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	8276	8483	(8276- 91, 8322- 26, 8356- 67) 8367- 71, 8422- 26, 8478- 83)		61	Open
B) Mesaverde	7700	7808	7700- 04, 7801- 08		61	Open
C) Uteland Buttes	7160	7218	7160- 64, 7206- 18		62	Open
D) Chapita Wells	6418	6701	(6418- 23, 6473- 76, 6680- 88)			
E)			6693- 01)		60	Open
F) Chapita Wells	5698	5708	5698- 08		61	Open
G)						

**26. Perforation Record**

Depth Interval	Amount and Type of Material
8276' - 8483'	Frac w/81,120# 20/40 PR6000 sd, w/497.9 mscf of N2 and 963 bbls YF 120ST.
7700' - 7808'	Frac w/40,691# 20/40 Ottawa sd, w/168.7 mscf of N2 and 424 bbls YF 120ST.
7160' - 7218'	Frac w/51,145# 20/40 Ottawa sd, w/175.6 mscf of N2 and 455 bbls YF 115ST.
6418' - 6701'	Frac w/60,801# 20/40 Ottawa sd, w/175.7 mscf of N2 and 480 bbls YF 115LG.
5698' - 5708'	Frac w/63,362# 20/40 Ottawa sd, w/218.6 mscf of N2 and 485 bbls YF 115LG.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/04/04	11/16/04	24	→	0	427	0			Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
43	95	226	→	0	427	0		Producing

**28a. Production - Interval B**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

(See instructions and spaces for additional data on reverse side)

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28b Production - Interval C

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

28c Production - Interval D

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

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

Sold

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch Tongue	4177'
				Uteland Limestone	4542'
				Wasatach	4698'
				Chapita Wells	5600'
				Uteland Buttes	6810'
				Mesaverde	7679'

32. Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

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

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

Name (please print) Carla Christian Title Regulatory Specialist  
 Signature *Carla Christian* Date November 30, 2004

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.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

<b>FROM:</b> (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO:</b> ( New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
--	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST									

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>SEE ATTACHED</b>	
2. NAME OF OPERATOR: <b>XTO Energy Inc. N2615</b>	9. API NUMBER: <b>SEE ATTACHED</b>	
3. ADDRESS OF OPERATOR: 810 Houston Street CITY <b>Fort Worth</b> STATE <b>TX</b> ZIP <b>76102</b>	PHONE NUMBER: <b>(817) 870-2800</b>	10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 type="checkbox"/> OTHER: _____
	<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.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc. **N1095**  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

**James D. Abercrombie** (405) 749-1300  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <u><i>Edwin S. Ryan, Jr.</i></u>	DATE <u>7/31/2007</u>

(This space for State use only)

**APPROVED** 9127107  
**Earlene Russell**  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**AUG 06 2007**  
**DIV. OF OIL, GAS & MINING**

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304730087	OSCU 2	NWSE	03	100S	200E	U-037164	7050	Federal	GW	P	
4304730266	RBU 11-18F	NESW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304730374	RBU 11-13E	NESW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304730375	RBU 11-15F	NESW	15	100S	200E	U-7206	7050	Federal	GW	P	
4304730376	RBU 7-21F	SWNE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304730405	RBU 11-19F	NESW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304730408	RBU 11-10E	NESW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304730410	RBU 11-14E	NESW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304730411	RBU 11-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304730412	RBU 11-16F	NESW	16	100S	200E	U-7206	7050	Federal	GW	P	
4304730585	RBU 7-11F	SWNE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304730689	RBU 11-3F	NESW	03	100S	200E	U-013767	7050	Federal	GW	P	
4304730720	RBU 7-3E	SWNE	03	100S	190E	U-013765	7050	Federal	GW	P	
4304730759	RBU 11-24E	NESW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304730761	RBU 7-10F	SWNE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304730762	RBU 6-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304730768	RBU 7-22F	SWNE	22	100S	200E	14-20-H62-2646	7050	Indian	GW	P	
4304730887	RBU 16-3F	SESE	03	100S	200E	U-037164	7050	Federal	GW	P	
4304730915	RBU 1-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304730926	RBU 1-14E	NENE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304730927	RBU 1-22E	NENE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304730970	RBU 1-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304730971	RBU 4-19F	NWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304730973	RBU 13-11F	SWSW	11	100S	200E	U-7206	7050	Federal	WD	A	
4304731046	RBU 1-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	S	
4304731115	RBU 16-16F	SESE	16	100S	200E	U-7206	7050	Federal	GW	P	
4304731140	RBU 12-18F	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304731141	RBU 3-24E	NENW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304731143	RBU 3-23E	NENW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304731144	RBU 9-23E	NESE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304731145	RBU 9-14E	NESE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304731160	RBU 3-15E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304731161	RBU 10-15E	NWSE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304731176	RBU 9-10E	NESE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304731196	RBU 3-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304731252	RBU 8-4E	SENE	04	100S	190E	U-013792	7050	Federal	GW	P	
4304731322	RBU 1-19F	NENE	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304731323	RBU 5-10E	SWNW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304731369	RBU 3-13E	NENW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731518	RBU 16-3E	SESE	03	100S	190E	U-035316	7050	Federal	GW	P	
4304731519	RBU 11-11F	NESW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304731520	RBU 1-17F	NENE	17	100S	200E	U-013769-B	7050	Federal	GW	P	
4304731605	RBU 9-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731606	RBU 3-22E	NENW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304731607	RBU 8-24E	SENE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304731608	RBU 15-18F	SWSE	18	100S	200E	U-013794	7050	Federal	GW	P	

## N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

## RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731613	RBU 5-11F	SWNW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304731615	RBU 4-22F	NWNW	22	100S	200E	U-0143521-A	7050	Federal	GW	S	
4304731652	RBU 6-17E	SWNW	17	100S	190E	U-03535	7050	Federal	GW	P	
4304731715	RBU 5-13E	SWNW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731717	RBU 13-13E	SWSW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731739	RBU 9-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P	
4304732033	RBU 13-14E	SWSW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732037	RBU 11-3E	NESW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304732038	RBU 6-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732040	RBU 15-24E	SWSE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732041	RBU 5-14E	SWNW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732050	RBU 12-20F	NWSW	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732051	RBU 7-13E	SWNE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732070	RBU 16-19F	SESE	19	100S	200E	U-013769-A	7050	Federal	WD	A	
4304732071	RBU 9-22E	NESE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732072	RBU 15-34B	SWSE	34	090S	190E	U-01773	7050	Federal	GW	P	
4304732073	RBU 11-15E	NESW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732074	RBU 13-21F	SWSW	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732075	RBU 10-22F	NWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P	
4304732081	RBU 9-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732082	RBU 15-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732083	RBU 13-24E	SWSW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732095	RBU 3-21E	NENW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732103	RBU 15-17F	SWSE	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732105	RBU 13-19F	SWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732107	RBU 1-21E	NENE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732128	RBU 9-21E	NESE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732129	RBU 9-17E	NESE	17	100S	190E	U-03505	7050	Federal	GW	P	
4304732133	RBU 13-14F	SWSW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732134	RBU 9-11F	NESE	11	100S	200E	U-7206	7050	Federal	GW	P	
4304732138	RBU 5-21F	SWNW	21	100S	200E	U-013793	7050	Federal	GW	P	
4304732146	RBU 1-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P	
4304732149	RBU 8-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732153	RBU 13-23E	SWSW	23	100S	190E	U-13766	7050	Federal	GW	P	
4304732154	RBU 5-24E	SWNW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732156	RBU 5-14F	SWNW	14	100S	200E	U-013793A	7050	Federal	GW	P	
4304732166	RBU 7-15E	SWNE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732167	RBU 15-13E	SWSE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732189	RBU 13-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P	
4304732190	RBU 15-10E	SWSE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732191	RBU 3-17FX	NENW	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732197	RBU 13-15E	SWSW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732198	RBU 7-22E	SWNE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732199	RBU 5-23E	SWNW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732201	RBU 13-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	S	
4304732211	RBU 15-15E	SWSE	15	100S	190E	U-013766	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304732213	RBU 5-19F	SWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732217	RBU 9-17F	NESE	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732219	RBU 15-14E	SWSE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732220	RBU 5-3E	SWNW	03	100S	190E	U-03505	7050	Federal	GW	P	
4304732228	RBU 9-3E	NESE	03	100S	190E	U-035316	7050	Federal	GW	P	
4304732239	RBU 7-14E	SWNE	14	100S	190E	U-103792	7050	Federal	GW	P	
4304732240	RBU 9-14F	NESE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732242	RBU 5-22E	SWNW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732263	RBU 8-13E	SENE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732266	RBU 9-21F	NESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732267	RBU 5-10F	SWNW	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732268	RBU 9-10F	NESE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732269	RBU 4-15F	NWNW	15	100S	200E	INDIAN	7050	Indian	GW	PA	
4304732270	RBU 14-22F	SESW	22	100S	200E	U-0143519	7050	Federal	GW	P	
4304732276	RBU 5-21E	SWNW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732289	RBU 7-10E	SWNE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732290	RBU 5-17F	SWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732293	RBU 3-3E	NENW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304732295	RBU 13-22E	SWSW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732301	RBU 7-21E	SWNE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732309	RBU 15-21F	SWSE	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732310	RBU 15-20F	SWSE	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732312	RBU 9-24E	NESE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732313	RBU 3-20F	NENW	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732315	RBU 11-21F	NESW	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732317	RBU 15-22E	SWSE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732328	RBU 3-19FX	NENW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732331	RBU 2-11F	NWNE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304732347	RBU 3-11F	NENW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304732391	RBU 2-23F	NWNE	23	100S	200E	U-013793-A	7050	Federal	GW	S	
4304732392	RBU 11-14F	NESW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732396	RBU 3-21F	NENW	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732407	RBU 15-14F	SWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732408	RBU 4-23F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732415	RBU 3-10EX (RIG SKID)	NENW	10	100S	190E	UTU-035316	7050	Federal	GW	P	
4304732483	RBU 5-24EO	SWNW	24	100S	190E	U-013794	11719	Federal	OW	S	
4304732512	RBU 8-11F	SENE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304732844	RBU 15-15F	SWSE	15	100S	200E	14-20-H62-2646	7050	Indian	GW	P	
4304732899	RBU 3-14F	NENW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732900	RBU 8-23F	SENE	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732901	RBU 12-23F	NWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304732902	RBU 1-15F	NENE	15	100S	200E	U-7260	7050	Federal	GW	S	
4304732903	RBU 3-15F	NENW	15	100S	200E	U-7260	7050	Federal	GW	P	
4304732904	RBU 9-15F	NESE	15	100S	200E	U-7260	7050	Federal	GW	P	
4304732934	RBU 3-10F	NENW	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732969	RBU 11-10F	NESW	10	100S	200E	U-7206	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304732970	RBU 12-15F	NWSW	15	100S	200E	U-7206	7050	Federal	GW	P	
4304732971	RBU 15-16F	SWSE	16	100S	200E	U-7206	7050	Federal	GW	S	
4304732972	RBU 1-21F	NENE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732989	RBU 13-10E	SWSW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732990	RBU 13-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304732991	RBU 6-19F	SENW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304733033	RBU 7-23E	NWNE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304733034	RBU 9-18F	NESE	18	100S	200E	U-013794	7050	Federal	GW	P	
4304733035	RBU 14-19F	SESW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304733087	RBU 6-23F	SENW	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304733088	RBU 1-10F	NENE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304733089	RBU 8-22F	SENE	22	100S	200E	U-0143521	7050	Federal	GW	P	
4304733090	RBU 11-22F	NESW	22	100S	200E	U-0143519	7050	Federal	GW	P	
4304733091	RBU 16-22F	SESE	22	100S	200E	U-01470-A	7050	Federal	GW	P	
4304733156	RBU 4-14E	NWNW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733157	RBU 7-19F	SWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304733158	RBU 7-20F	SWNE	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304733159	RBU 7-24E	SWNE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304733160	RBU 8-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304733161	RBU 16-10E	SESE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304733194	RBU 2-14E	NWNE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733272	RBU 13-3F	SWSW	03	100S	200E	U-013767	7050	Federal	GW	P	
4304733361	RBU 5-3F	SWNW	03	100S	200E	U-013767	7050	Federal	GW	P	
4304733362	RBU 15-10F	SWSE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304733363	RBU 5-16F	SWNW	16	100S	200E	U-7206	7050	Federal	GW	P	
4304733365	RBU 12-14E	NWSW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733366	RBU 5-18F	SWNW	18	100S	200E	U-013769	7050	Federal	GW	P	
4304733367	RBU 10-23F	NWSE	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304733368	RBU 14-23F	SESW	23	100S	200E	U-01470-A	7050	Federal	GW	S	
4304733424	RBU 5-20F	SWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304733643	RBU 2-13E	NWNE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304733644	RBU 4-13E	NWNW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304733714	RBU 4-23E	NWNW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304733715	RBU 6-13E	SENW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304733716	RBU 10-14E	NWSE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733838	RBU 8-10E	SENE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304733839	RBU 12-23E	NWSW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304733840	RBU 12-24E	NWSW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304733841	RBU 14-23E	SESW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304734302	RBU 1-23F	NENE	23	100S	200E	UTU-013793-A	7050	Federal	GW	P	
4304734661	RBU 16-15E	SESE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304734662	RBU 10-14F	NWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304734663	RBU 6-14E	SENW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304734670	RBU 8-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304734671	RBU 4-24E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304734701	RBU 12-11F	SENW	11	100S	200E	U-7206	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304734702	RBU 2-15E	NWNE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734703	RBU 4-17F	NWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734745	RBU 10-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734749	RBU 7-18F	SWNE	18	100S	200E	U-013769	7050	Federal	GW	P
4304734750	RBU 12-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P
4304734810	RBU 10-13E	NWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734812	RBU 1-24E	NENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734826	RBU 12-21F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734828	RBU 4-15E	NWNW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734844	RBU 14-14E	SESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734845	RBU 10-24E	NWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734888	RBU 4-21E	NWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304734889	RBU 16-24E	SESE	24	100S	190E	U-13794	7050	Federal	GW	P
4304734890	RBU 12-18F2	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734891	RBU 10-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734892	RBU 8-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734906	RBU 6-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734907	RBU 2-24E	NWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734910	RBU 4-16F	NWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304734911	RBU 12-19F	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734912	RBU 14-20F	SESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734942	RBU 1-22F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304734945	RBU 8-19F	SENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734946	RBU 8-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304734962	RBU 12-17F	NWSW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734963	RBU 2-17F	NWNE	17	100S	200E	U-013769-C	14117	Federal	GW	P
4304734966	RBU 14-18F	SESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734967	RBU 10-18F	NWSE	18	100S	200E	U-013794	7050	Federal	GW	P
4304734968	RBU 10-19F	NWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734969	RBU 10-3E	NWSE	03	100S	190E	U-035316	7050	Federal	GW	P
4304734970	RBU 12-3E	NWSW	03	100S	190E	U-013765	7050	Federal	GW	P
4304734971	RBU 15-3E	SWSE	03	100S	190E	U-35316	7050	Federal	GW	P
4304734974	RBU 12-10E	NWSW	10	100S	190E	U-013792	14025	Federal	GW	P
4304734975	RBU 14-10E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734976	RBU 16-13E	SESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734977	RBU 8-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304734978	RBU 6-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734979	RBU 12-15E	NWSW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734981	RBU 16-17E	SESE	17	100S	190E	U-013766	7050	Federal	GW	P
4304734982	RBU 8-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304734983	RBU 4-22E	NWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734986	RBU 2-20F	NWNE	20	100S	200E	U-03505	7050	Federal	GW	P
4304734987	RBU 9-20E	SWNW	21	100S	190E	U-03505	7050	Federal	GW	P
4304734989	RBU 7-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P
4304734990	RBU 8-20E	SWNW	21	100S	190E	U-03505	14164	Federal	GW	P
4304735041	RBU 16-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304735042	RBU 12-22E	NWSW	22	100S	190E	U-013792	14165	Federal	GW	P	
4304735058	RBU 7-23F	SWNE	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304735059	RBU 12-13E	NWSW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304735060	RBU 14-13E	SESW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304735061	RBU 2-22E	NWNE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304735062	RBU 6-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304735082	RBU 4-17E	NWNW	17	100S	190E	U-03505	7050	Federal	GW	P	
4304735086	RBU 16-14E	NENE	23	100S	190E	U-013792	7050	Federal	GW	P	
4304735087	RBU 2-3E	NWNE	03	100S	190E	U-013765	7050	Federal	GW	P	
4304735088	RBU 6-3E	SESW	03	100S	190E	U-03505	7050	Federal	GW	P	
4304735100	RBU 10-10E	NWSE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304735101	RBU 16-22E	SESE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304735112	RBU 14-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304735129	RBU 6-21F	SESW	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304735170	RBU 1-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P	
4304735171	RBU 16-9E	NESE	09	100S	190E	U-013765	7050	Federal	GW	P	
4304735232	RBU 14-21F	SESW	21	100S	200E	U-0143520	7050	Federal	GW	P	
4304735250	RBU 13-19F2	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304735251	RBU 15-19F	SWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304735270	RBU 16-21E	SESE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304735304	RBU 13-20F	SWSW	20	100S	200E	U-013769	7050	Federal	GW	P	
4304735305	RBU 4-21F	NWNW	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304735306	RBU 16-21F	SESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304735468	RBU 15-22F	SWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P	
4304735469	RBU 11-23F	SESW	23	100S	200E	U-01470A	7050	Federal	GW	P	
4304735549	RBU 1-14F	NENE	14	100S	200E	UTU-013793-A	7050	Federal	GW	P	
4304735640	RBU 2-21E	NWNE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304735644	RBU 10-17E	NWSE	17	100S	190E	U-013766	7050	Federal	GW	P	
4304735645	RBU 12-21E	NWSW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304736200	RBU 8-17E	SWNE	17	100S	190E	U-013766	7050	Federal	GW	P	
4304736201	RBU 15-17EX	SWSE	17	100S	190E	U-013766	7050	Federal	GW	P	
4304736293	RBU 2-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304736294	RBU 6-10E	NENW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304736296	RBU 6-21E	SESW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304736297	RBU 10-22E	NWSE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304736318	RBU 14-22E	SESW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304736427	RBU 9-15E	NESE	15	100S	190E	U-013766	7050	Federal	GW	DRL	
4304736428	RBU 2-17E	NWNE	17	100S	190E	U-013766	7050	Federal	GW	P	
4304736429	RBU 1-17E	NENE	17	100S	190E	U-013766	7050	Federal	GW	DRL	
4304736432	RBU 3-19F2	NWNW	19	100S	200E	U-013769-A	15234	Federal	GW	P	
4304736433	RBU 14-17F	SESW	17	100S	200E	U-03505	7050	Federal	GW	P	
4304736434	RBU 2-19F	NWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304736435	RBU 5-19FX	SWNW	19	100S	200E	U-013769-A	15855	Federal	GW	P	
4304736436	RBU 4-20F	NWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304736605	RBU 16-14F	SESE	14	100S	200E	U-013793A	7050	Federal	GW	P	
4304736608	RBU 4-3E	NWNW	03	100S	190E	U-035316	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304736609	RBU 8-3E	SENE	03	100S	190E	U-013765	7050	Federal	GW	P	
4304736610	RBU 14-3E	SESW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304736686	RBU 13-3E	NWSW	03	100S	190E	U-013765	15235	Federal	GW	P	
4304736810	RBU 1-3E	NENE	03	100S	190E	U-013765	7050	Federal	GW	DRL	
4304736850	RBU 2-10F	NWNE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304736851	RBU 8-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304737033	RBU 4-10E	SWNW	10	100S	190E	U-035316	7050	Federal	GW	P	
4304737057	RBU 11-17E	NWSE	17	100S	190E	U-03505	7050	Federal	GW	DRL	
4304737058	RBU 3-17E	NENW	17	100S	190E	U-03505	7050	Federal	GW	P	
4304737201	RBU 3-23F	NENW	23	100S	200E	U-013793-A	7050	Federal	OW	P	
4304737341	RBU 11-20F	NESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304737342	RBU 5-15F	SWNW	15	100S	200E	U-7206	7050	Federal	OW	P	
4304737343	RBU 10-16F	NWSE	16	100S	200E	U-7206	7050	Federal	OW	P	
4304737344	RBU 9-16F	NESE	16	100S	200E	U-7206	7050	Federal	OW	S	
4304737450	RBU 14-17E	SESW	17	100S	190E	U-03505	7050	Federal	GW	P	
4304737747	RBU 15-9E	NWNE	16	100S	190E	U-013765	7050	Federal	GW	DRL	
4304737893	RBU 9-4EA	SENE	04	100S	190E	U-03505	7050	Federal	GW	P	
4304737998	RBU 13-23F	SWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304738181	RBU 12-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL	
4304738182	RBU 11-4E	SE/4	04	100S	190E	U-03505	99999	Federal	GW	DRL	
4304738294	RBU 2-4E	NWNE	04	100S	190E	U-013792	7050	Federal	GW	DRL	
4304738295	RBU 5-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL	
4304738543	RBU 28-18F	NESE	13	100S	190E	U 013793-A	7050	Federal	GW	DRL	
4304738548	RBU 32-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	DRL	
4304738555	RBU 27-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738556	RBU 27-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738557	RBU 30-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304738558	RBU 29-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738595	RBU 31-10E	NENE	15	100S	190E	U-013792	7050	Federal	GW	DRL	
4304738596	RBU 17-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	DRL	
4304738780	RBU 8B-17E	SENE	17	100S	190E	U-013766	7050	Federal	GW	DRL	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304730153	NATURAL 1-2	SE	NW	02	100S	200E	ML-10716	11377	State	OW	PA
4304730260	RBU 11-16E	NE	SW	16	100S	190E	ML-13214	7050	State	GW	S
4304730583	RBU 11-36B	NE	SW	36	090S	190E	ML-22541	99998	State	NA	PA
4304730608	RBU 8-16D	SE	NE	16	100S	180E	ML-13216	99998	State	NA	PA
4304730760	RBU 11-2F	NE	SW	02	100S	200E	ML-10716	9966	State	OW	S
4304731740	RBU 1-16E	NE	NE	16	100S	190E	ML-13214	7050	State	GW	P
4304732026	RBU 16-2F	SE	SE	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NE	SE	16	100S	190E	ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SE	SW	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SE	NE	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SW	NW	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SW	NE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SW	SW	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SW	SE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NW	SE	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NE	NW	16	100S	200E	ML-3393-A	7050	State	GW	P
4304733360	RBU 1-16F	NE	NE	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SW	NE	16	100S	190E	ML-13214	7050	State	GW	P
4304734167	RBU 1-2F	NE	NE	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NE	SW	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SW	SW	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SE	NE	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SW	SE	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NE	SW	16	100S	190E	ML-13214	7050	State	GW	P
4304735023	RBU 16-16E	SW	SW	15	100S	190E	ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NW	NE	16	100S	190E	ML-13214	7050	State	GW	P
4304735081	RBU 15-2F	SW	SE	02	100S	200E	ML-10716	7050	State	GW	P
4304735348	RBU 13-16F	NW	NW	21	100S	200E	ML-3394	7050	State	GW	DRL
4304736169	RBU 4-16E	NE	NW	16	100S	190E	ML-13214	7050	State	GW	P
4304736170	RBU 3-16E	NE	NW	16	100S	190E	ML-13214	7050	State	GW	P



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: River Bend Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

*/s/ Greg J. Noble*

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING

<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-013792
<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>  <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 2-22E
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047350610000
<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> 0831 FNL 2083 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 22 Township: 10.0S Range: 19.0E 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/16/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="ACID TREATMENT"/>

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

XTO Energy Inc. completed an acid treatment on this well per the attached morning report.

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

<b>NAME (PLEASE PRINT)</b> Teena Whiting	<b>PHONE NUMBER</b> 505 333-3176	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/21/2010

**Riverbend Unit 02-22E**

**12/9/2010** MIRU WS rig. Tgd 21' of fill @ 8,568'. TOH w/2-3/8" tbg, SN & MSC. TIH w/cone bit, csg scr, SN & tbg.

**12/10/2010**

Cont TIH w/cone bit & csg scr,. TIH w/266 jts 2-3/8" tbg. Ppd 20 bbls TFW & flshd tbg. Dropd SV. Pmp 30 bbls TFW wtr & PT tbg to 1,500 psig. Tstd gd. SDFWE.

**12/13/2010**

MIRU ac crew. PT surf equip to 3,000 psig. A. WA/MV perms fr/5,698' - 8,483' dwn csg w/750 gals 15% HCl ac w/adds. Flshd ac w/50 bbls TFW. Let ac soak, 2 hrs. RU & RIH w/swb tls. Ppd 10 gals H2S scavenger dwn tbg & flshd w/45 bbls TFW. Ppd 2 gals H2S scavenger dwn tbg after final run. RD swb tls.

**12/14/2010**

RU & RIH w/swb tls. RD swb tls. Ppd 10 gal H2S scavenger dwn csg & flshd w/40 bbls TFW. SWI 3 hrs. MIRU Champion chem service. Ppd 250 gals 15% inhibited HCl ac dwn OE tbg & up 5-1/2" x 2-3/8" TCA. Flshd ac w/30 bbls TFW. Let ac soak 1 hr. RU swb tls.

**12/15/2010**

Swb.

**12/16/2010**

RD swb tls. RWTP. RDMO TWS.

<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-013792
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> RBU 2-22E
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>9. API NUMBER:</b> 43047350610000
<b>PHONE NUMBER:</b> 505 333-3145 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0831 FNL 2083 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 22 Township: 10.0S Range: 19.0E 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/7/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. has performed an acid treatment on this well per the following: 9/4/2012: MIRU SLU. Rec plngr & BHBS. RDMO SLU.  
9/5/2012: MIRU pmp trk. Pmpd 150 gal 15% HCl ac w/adds dwn tbg w/flsh. Pmpd 600 gal 15% HCl ac w/adds dwn csg w/flsh. RDMO pmp trk. 9/6/2012: MIRU SWU. Swb 5 runs. 9/7/2012: Swb 2 runs. Dropd plngr & cycld to surf. RDMO SWU. RWTP 09/07/2012.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
September 28, 2012**

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/24/2012	

<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-013792
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> RBU 2-22E
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>9. API NUMBER:</b> 43047350610000
<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> 0831 FNL 2083 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 22 Township: 10.0S Range: 19.0E 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/10/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. performed an Acid Treatment on this well per the following: 09/20/16: MIRU SLU. Rec snl pad plngr & BHBS. Tagged fill @ 8,382'. Left all equipment out prior to ac job. RDMO SLU. RWTP up csg until ac job. 09/27/16: MIRU pmp trk. Pmp 750 gal 15% HCL ac dwn csg. Pmp 250 gal 15% HCL ac dwn tbg. Pmp 30 bbl TFW dwn tbg. Pmp 50 bbl TFW dwn csg. SWIFPBU. RDMO pmp trk. 09/29/16: MIRU SWU. RIH w/swb tl's. SWIFPBU. SDFN. 09/30/16: RIH w/swb tl's. SDFWE. 10/10/16: RIH w/swb tl's. RWTP. RDMO SWU.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 28, 2016**

<b>NAME (PLEASE PRINT)</b> Rhonda Smith	<b>PHONE NUMBER</b> 505 333-3215	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/11/2016	