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P.O. Box 164  
Wellington, Utah 84542  
435/637-4075 435/719-2019 Fax

March 21, 2005

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 5-19FX, 2,557' FNL, 1,120' FWL, SW/4 NW/4, (Lot 2)  
Section 19, T10S, R20E, 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 Whitney, Division of Oil, Gas and Mining  
Carla Christian, Dominion  
Marty Buys, Buys & Associates, Inc.

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DIV. OF OIL, GAS & MINING

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**001**

**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-013769-A</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 <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, 405-749-5263</b>		8. FARM OR LEASE NAME, WELL NO. <b>RBU 5-19FX</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface <b>2,557' FNL, 1,120' FWL SW/4 NW/4, (Lot 2)</b> At proposed prod. zone <b>2,557' FNL, 1,120' FWL SW/4 NW/4, (Lot 2)</b>		9. API WELL NO. <b>43-047-36435</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>10.94 miles southeast 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>1,120'</b>	16. NO. OF ACRES IN LEASE <b>791.86</b>	11. SEC., T., R., M., OR BLK. <b>Section 19, T10S, R20E, S1B&amp;M</b>
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>25'</b>	19. PROPOSED DEPTH <b>8,400'</b>	12. COUNTY OR PARISH <b>Utah</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5,154' GR</b>		13. STATE <b>Utah</b>
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 acres</b>
22. APPROX. DATE WORK WILL START* <b>September 1, 2005</b>		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55 ST&C	32#	2,000'	252 sks Lead, 219 sks, tail, 100 sks top out—see attached Drilling Plan
7-7/8"	5-1/2" Mav 80 LT&C	17#	8,400'	160 sks Lead, 435 sks Tail—see attached 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.  
 A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well.

609637X      39,933115  
 4420912Y      -109,716889

**Federal Approval of this Action is Necessary**

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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 Don Hamilton TITLE Agent for Dominion DATE March 21, 2005

(This space for Federal or State office use)

PERMIT NO. 43-047-36435 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 Bradley G. Hill TITLE **BRADLEY G. HILL** DATE 03-24-05  
**ENVIRONMENTAL SCIENTIST III**

**\*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

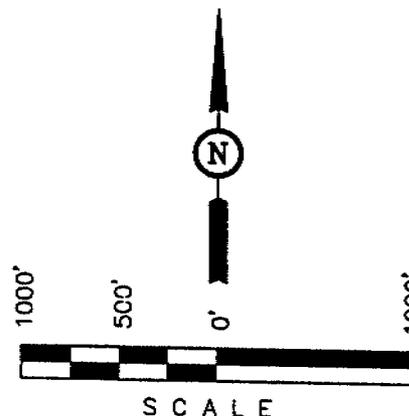
# T10S, R20E, S.L.B.&M.

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

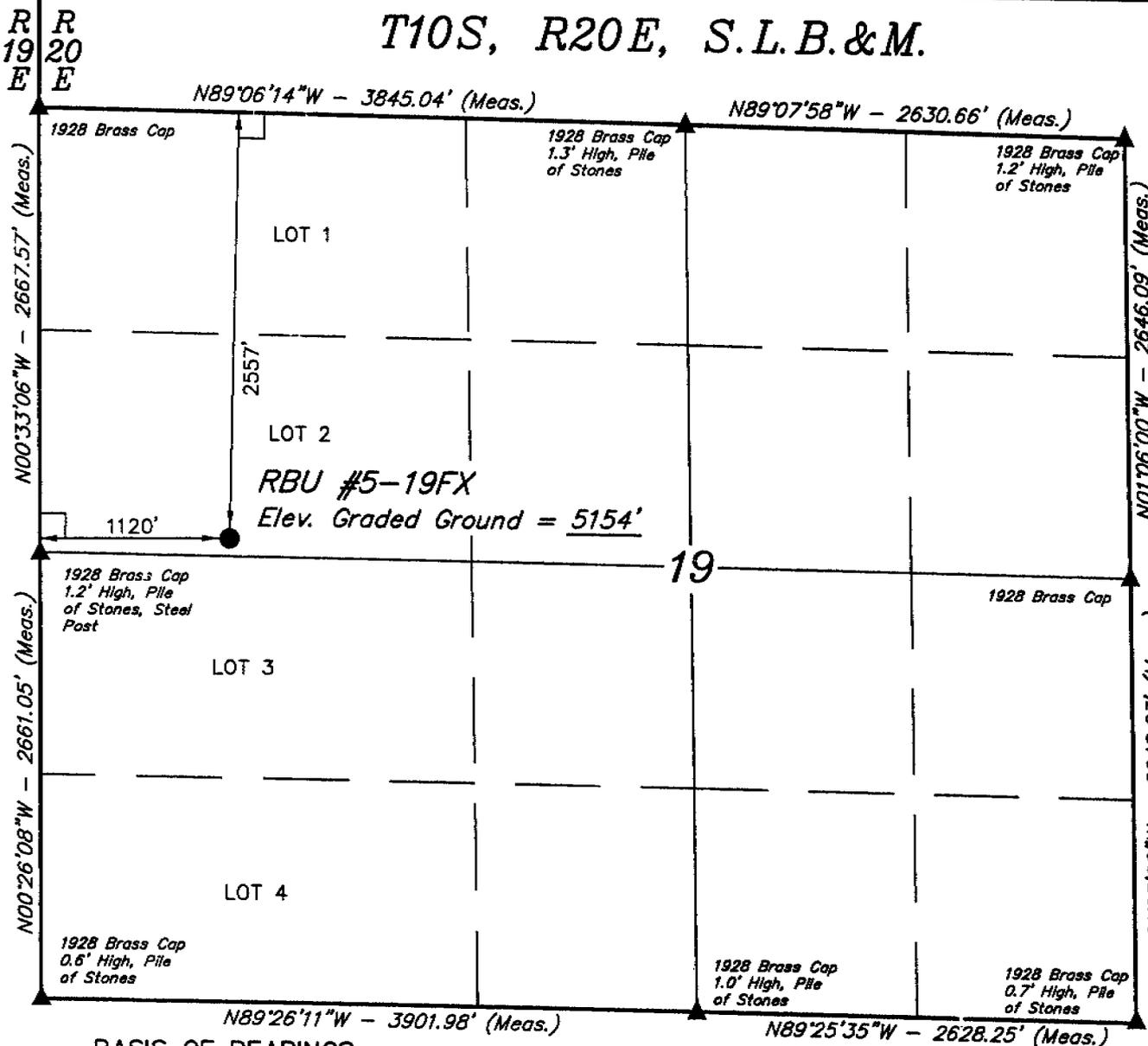
Well location, RBU #5-19FX, located as shown in the SW 1/4 NW 1/4 (Lot 2) of Section 19, T10S, R20E, S.L.B.&M. Uintah County Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH 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.



(NAD 83)  
 LATITUDE = 39°55'59.24" (39.933122)  
 LONGITUDE = 109°43'03.33" (109.717592)  
 (NAD 27)  
 LATITUDE = 39°55'59.37" (39.933158)  
 LONGITUDE = 109°43'00.83" (109.716897)



### BASIS OF BEARINGS

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

### LEGEND:

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

### 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.

*John A. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 02-03-05	DATE DRAWN: 02-06-05
PARTY B.B. J.M. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	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 5-19FX  
2557' FNL & 1120' FWL  
Section 19-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,085'
Uteland Limestone	4,450'
Wasatch	4,600'
Chapita Wells	5,500'
Uteland Buttes	6,750'
Mesaverde	7,580'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,085'	Oil
Uteland Limestone	4,450'	Oil
Wasatch	4,600'	Gas
Chapita Wells	5,500'	Gas
Uteland Buttes	6,750'	Gas
Mesaverde	7,580'	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'	8,400'	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

#### 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 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' - 8,400'	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 constant 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.

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**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

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 70 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 8,400'±, 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'-8,400'	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: September 1, 2005  
 Duration: 14 Days

**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 5-19FX  
2557' FNL & 1120' FWL  
Section 19-10S-20E  
Uintah County, UT

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

The onsite inspection for the referenced well was conducted on Tuesday, March 1, 2005 at approximately 2:15 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Foreman	Dominion E & P, Inc.
David Weston	Engineer	Uintah Engineering and Land Surveying
Randy Jackson	Foreman	Jackson Construction
Lonnie Hogan	Foreman	LaRose Construction
Stan Olmstead	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 10.94 miles southeast of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing River Bend Unit boundary.

2. Planned Access Roads:
- a. An existing access road exists to the previously drilled 5-19. This access will be dressed to accommodate year-round traffic.
  - b. No new access is proposed with this application.
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	1
vi. Producing wells	33
vii. Abandon wells	1
  - 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 location; 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 upgrade for 2" to 4" is associated with this application and is being applied for at this time. The upgrade corridor will leave the northeast side of the well site and traverse 2,910' northeast to the existing 4" pipeline that serves the RBU 8-24E.
- i. The new gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed well site and existing roads will facilitate the staging of the pipeline construction. An upgraded pipeline length of approximately 2,910' is associated with this well.
- j. 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 Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northwest 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. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the north.
- c. The pad and road designs are consistent with BLM specifications.
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size 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.
- n. 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 Ute Tribal and 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 within the approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological will conduct a Class III archeological survey. A copy of the 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 drainage crossings that require additional State or Federal approval are being crossed.
  - b. A biological review by the BLM in the spring will be necessary to confirm the presence of threatened and endangered flora and fauna species.
  - c. No raptor habitat is known to exist within 1 mile of the proposed wellsite.

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: 3-21-05

DOMINION EXPLR. & PROD., INC.  
RBU #5-19FX  
SECTION 19, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.1 MILES.

# DOMINION EXPLR. & PROD., INC.

## LOCATION LAYOUT FOR

RBU #5-19FX

SECTION 19, T10S, R20E, S.L.B.&M.

2557' FNL 1120' FWL

Existing Access Road

F-6.8'  
El. 47.4'

F-4.0'  
El. 50.2'

F-5.6'  
El. 48.6'

Sta. 3+55  
Round Corners  
as Needed

SCALE: 1" = 50'  
DATE: 02-15-05  
Drawn By: D.R.B.

Approx.  
Toe of  
Fill Slope

F-0.8'  
El. 53.4'

El. 55.4'  
C-9.2'  
(btm. pit)

20' WIDE BENCH

Reserve Pit Backfill  
& Spoils Stockpile

10' WIDE BENCH

Total Pit Capacity  
W/2' of Freeboard  
= 10,750 Bbls. ±  
Total Pit Volume  
= 3,120 Cu. Yds.

Sta. 1+10

RESERVE PITS  
(8' Deep)

Sta. 0+52

20' WIDE BENCH

El. 58.7'  
C-12.5'  
(btm. pit)

Approx.  
Top of  
Cut Slope

C-2.4'  
El. 56.6'

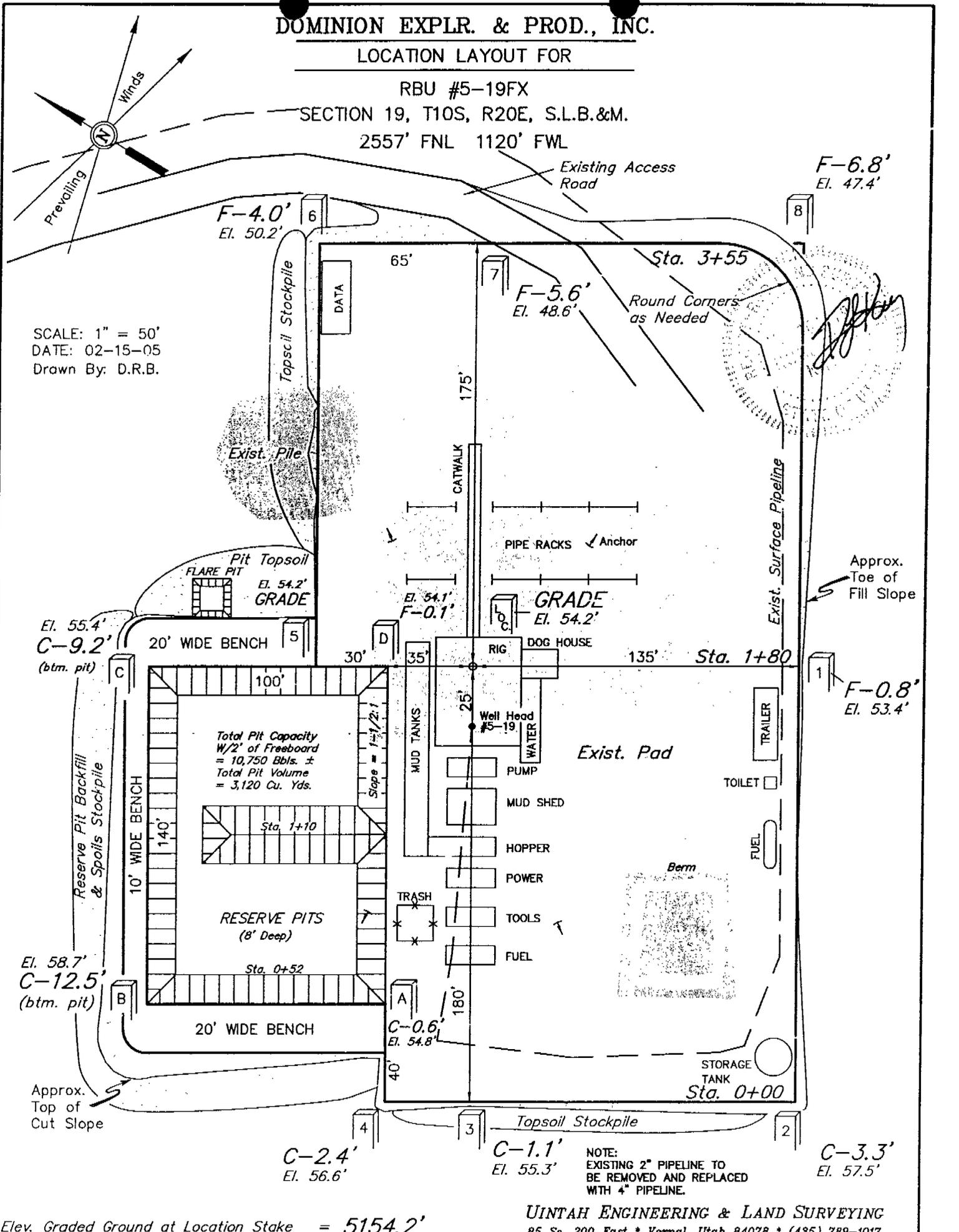
C-1.1'  
El. 55.3'

C-3.3'  
El. 57.5'

NOTE:  
EXISTING 2" PIPELINE TO  
BE REMOVED AND REPLACED  
WITH 4" PIPELINE.

Elev. Graded Ground at Location Stake = 5154.2'

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



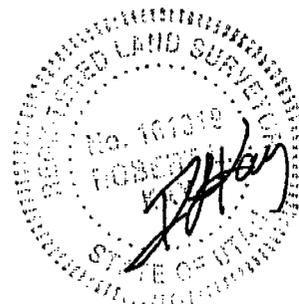
**DOMINION EXPLR. & PROD., INC.**

**TYPICAL CROSS SECTIONS FOR**

**RBU #5-19FX**

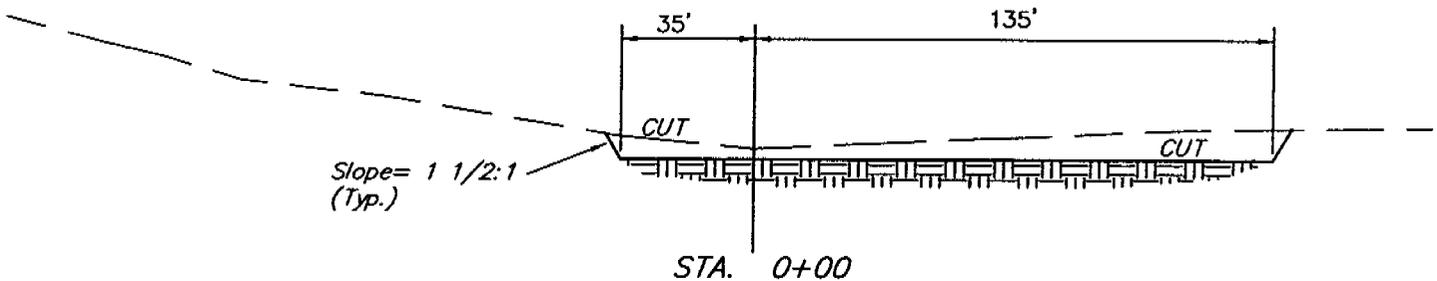
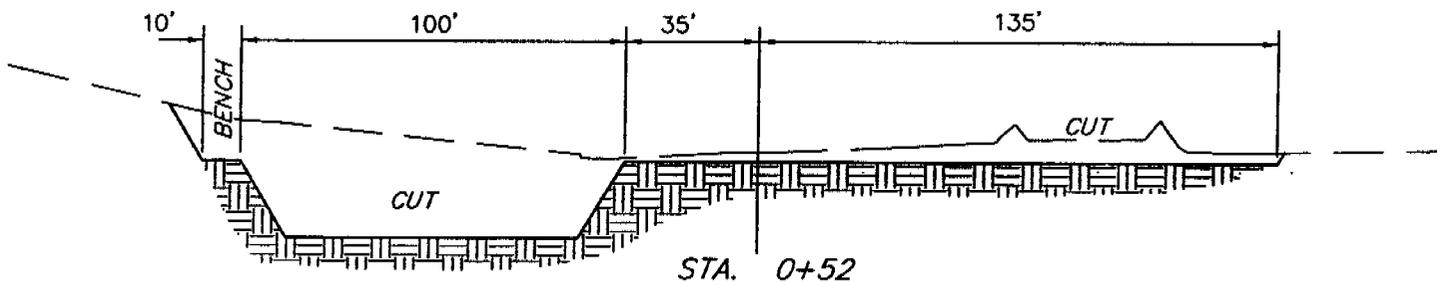
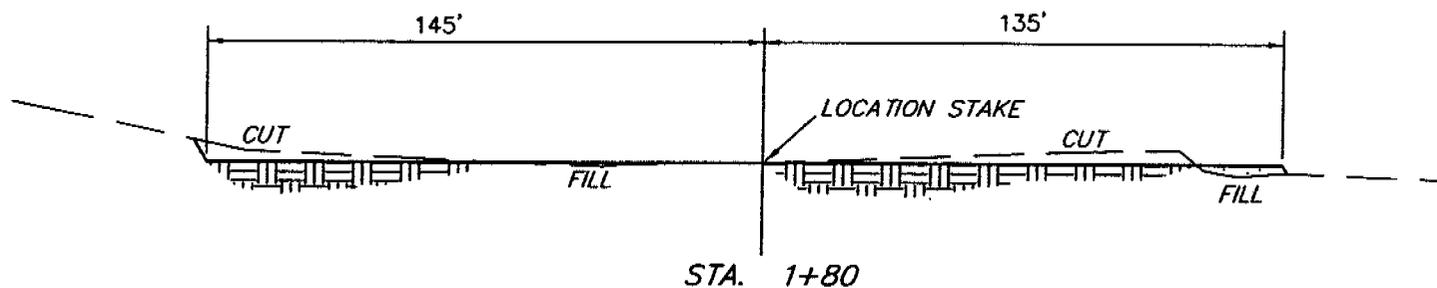
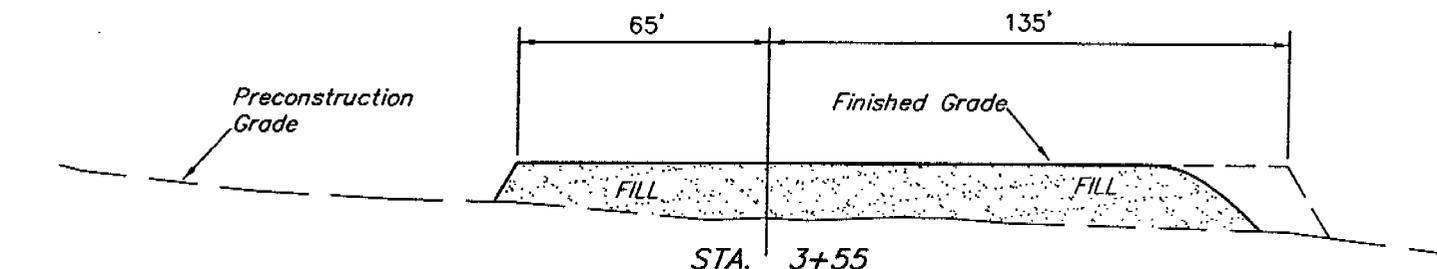
**SECTION 19, T10S, R20E, S.L.B.&M.**

**2557' FNL 1120' FWL**



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

DATE: 02-15-05  
Drawn By: D.R.B.



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

**APPROXIMATE YARDAGES**

**CUT**

(6") Topsoil Stripping = 430 Cu. Yds.

(New Construction Only)

Remaining Location = 5,230 Cu. Yds.

**TOTAL CUT = 5,660 CU.YDS.**

**FILL = 3,280 CU.YDS.**

EXCESS MATERIAL = 2,380 Cu. Yds.

Topsoil & Pit Backfill = 1,990 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS UNBALANCE = 390 Cu. Yds.  
(After Rehabilitation)

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

# DOMINION EXPLR. & PROD., INC.

RBU #5-19FX

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 19, T10S, R20E, S.1.B.&M.

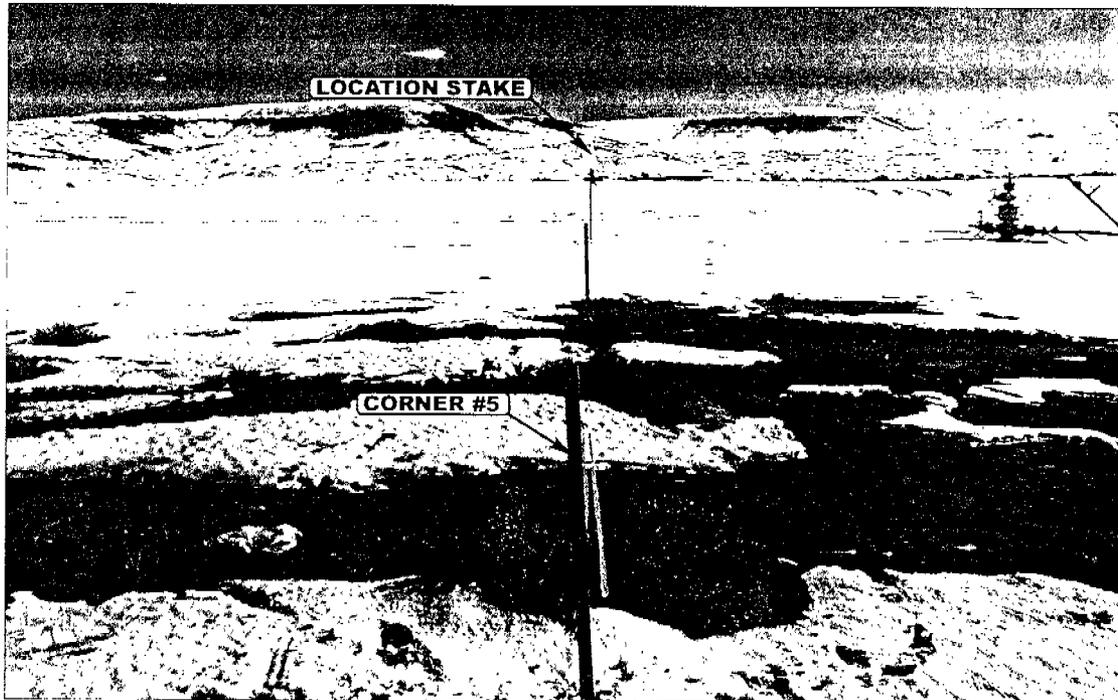


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS AND CORNER #7

CAMERA ANGLE: SOUTHEASTERLY



Since 1964

**E&L**  
**S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

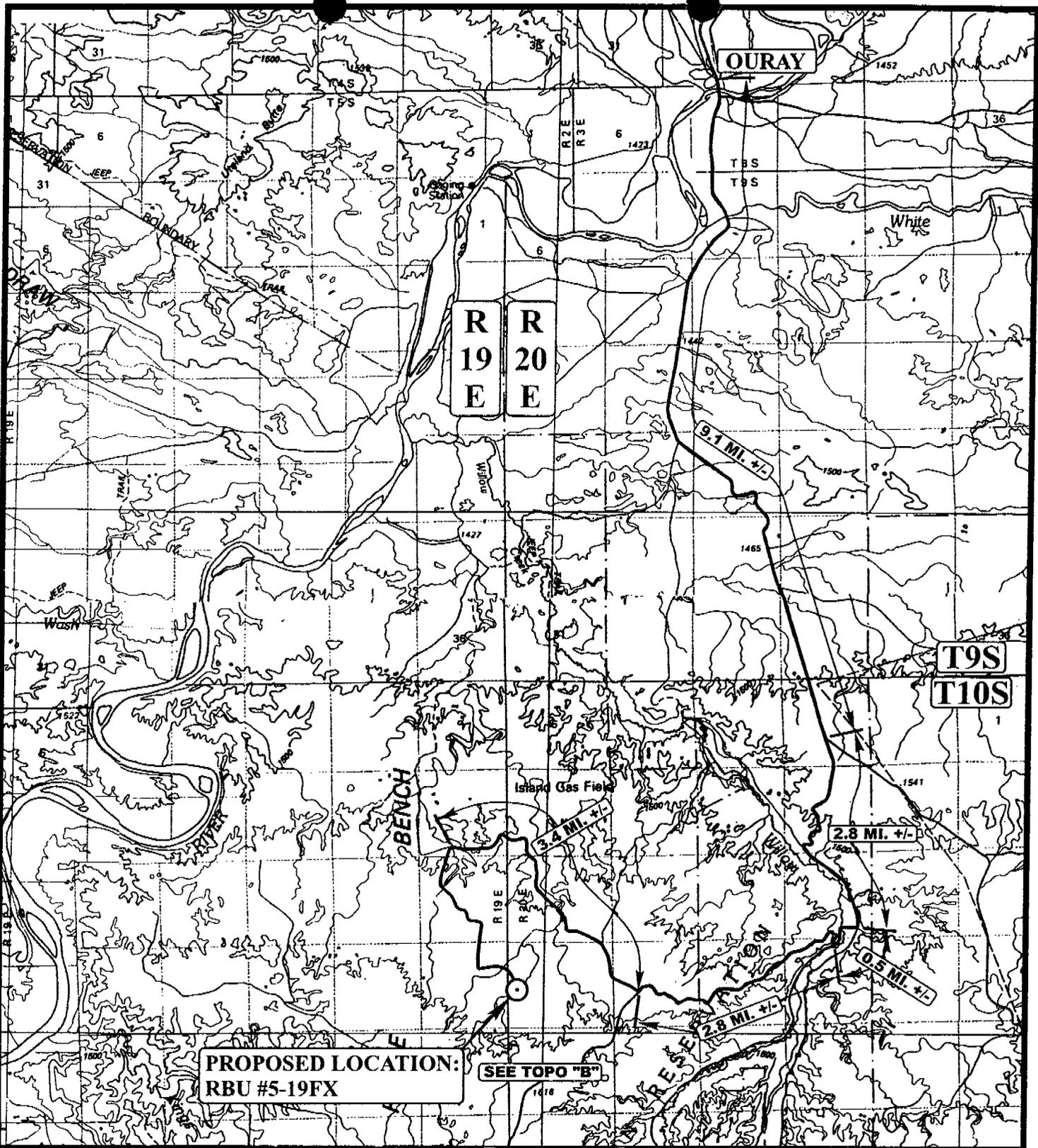
02 15 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 00-00-00



**LEGEND:**

○ PROPOSED LOCATION

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

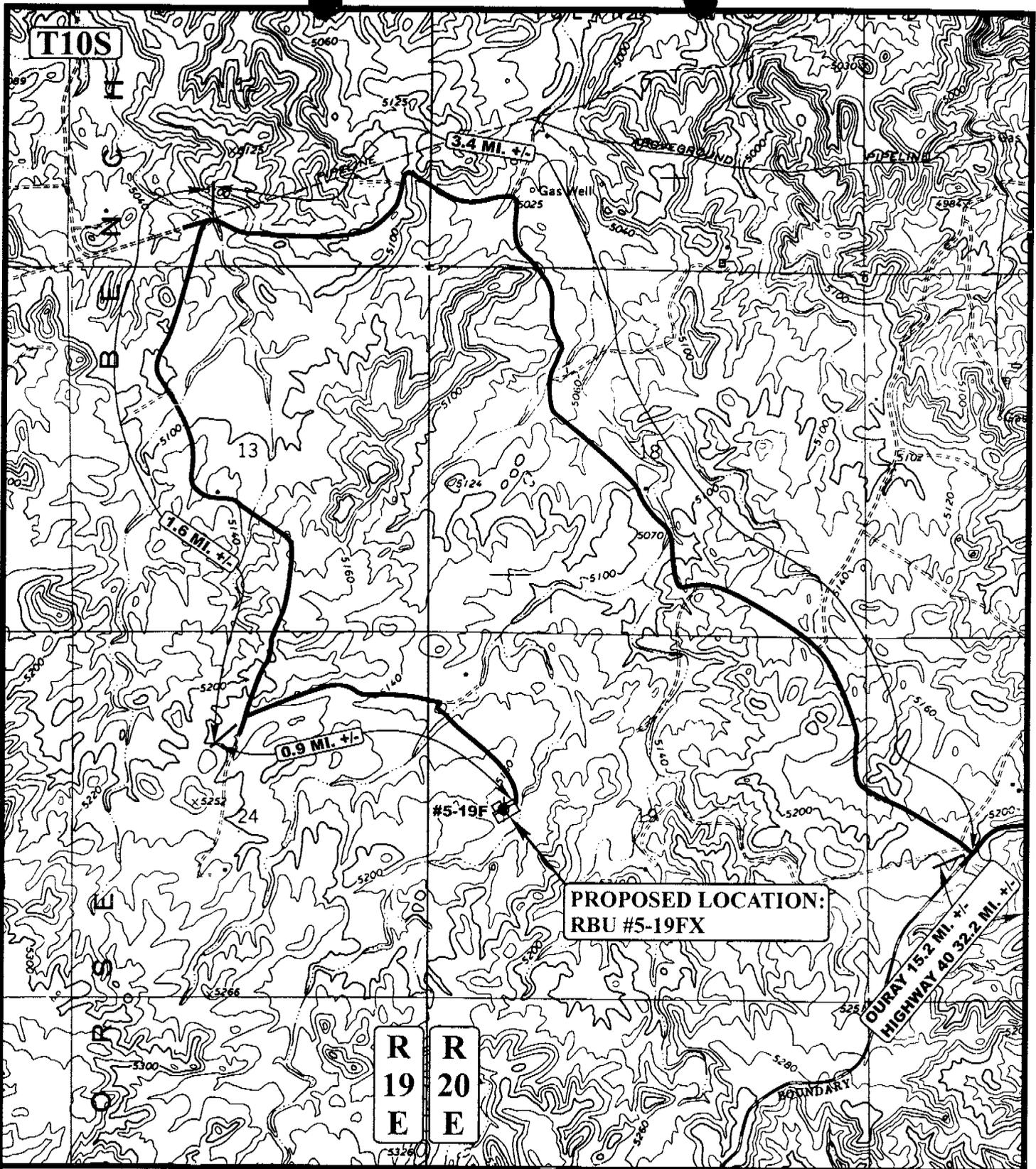
RBU #5-19FX  
SECTION 19, T10S, R20E, S.L.B.&M.  
2557' FNL 1120' FWL



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

TOPOGRAPHIC MAP  
02 15 05  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**LEGEND:**

————— EXISTING ROAD

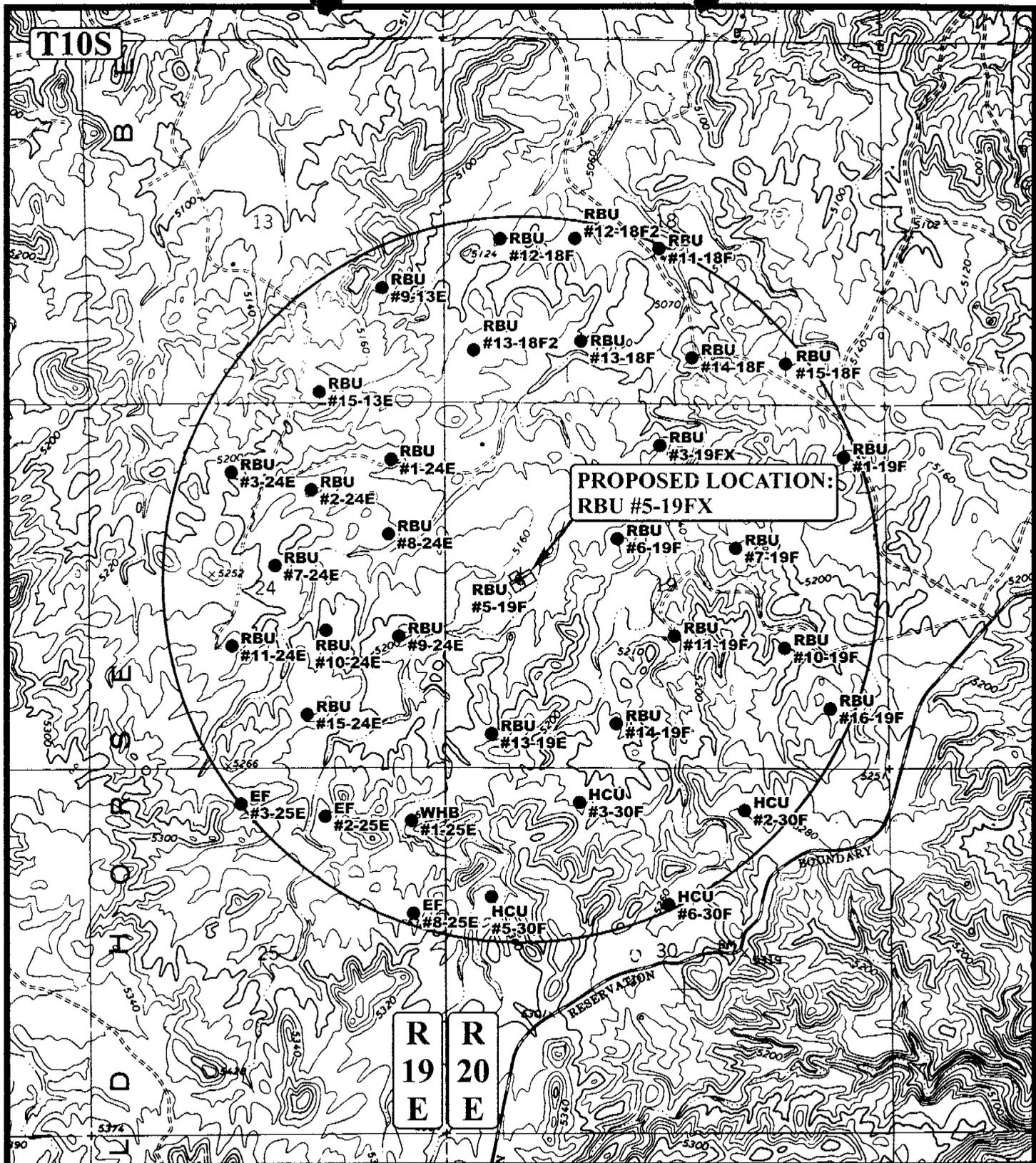


**DOMINION EXPLR. & PROD., INC.**

RBU #5-19FX  
SECTION 19, T10S, R20E, S.L.B.&M.  
2557' FNL 1120' FWL

	<b>Uintah Engineering &amp; Land Surveying</b> 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813
	TOPOGRAPHIC MAP

TOPOGRAPHIC MAP	02 MONTH	15 DAY	05 YEAR
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00	



**PROPOSED LOCATION:  
RBU #5-19FX**

**R R  
19 20  
E E**

**LEGEND:**

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

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

**RBU #5-19FX  
SECTION 19, T10S, R20E, S.L.B.&M.  
2557' FNL 1120' FWL**



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



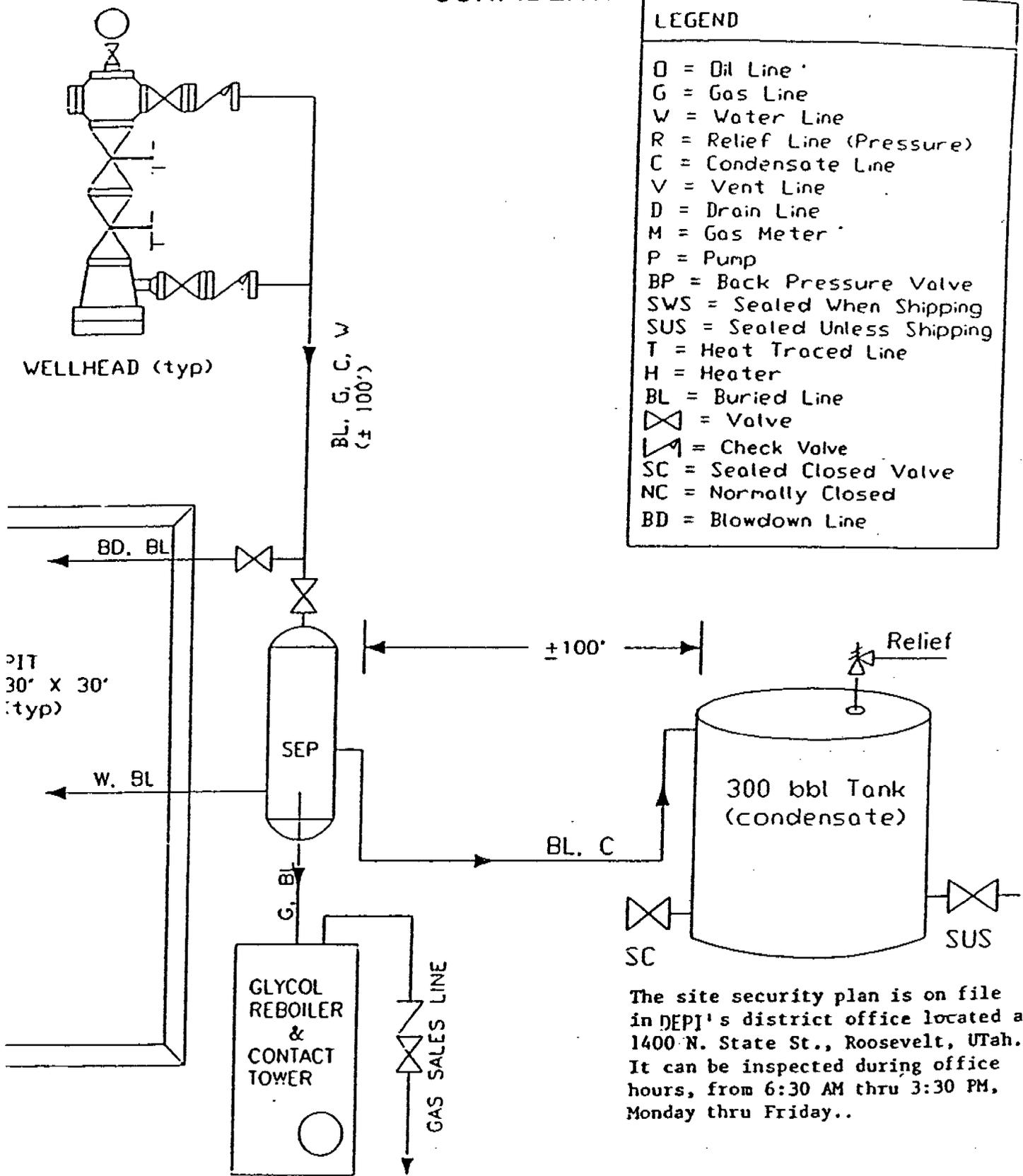
**TOPOGRAPHIC MAP**

**02 15 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



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..

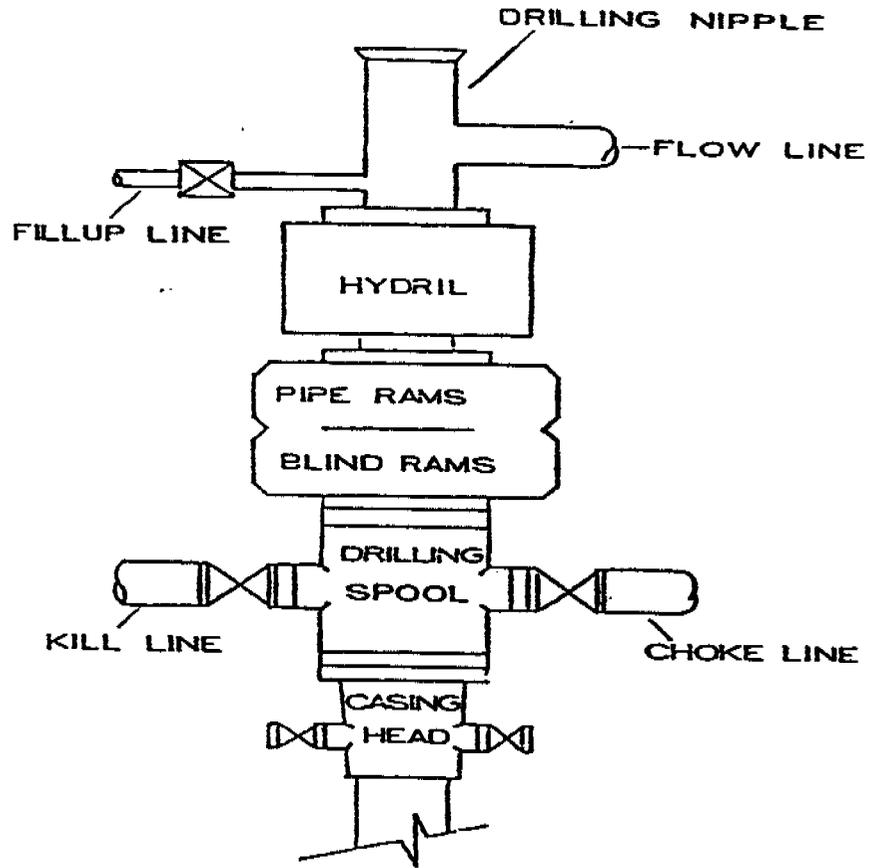
DOMINION EXPLORATION & PRODUCTION, INC.

not to scale

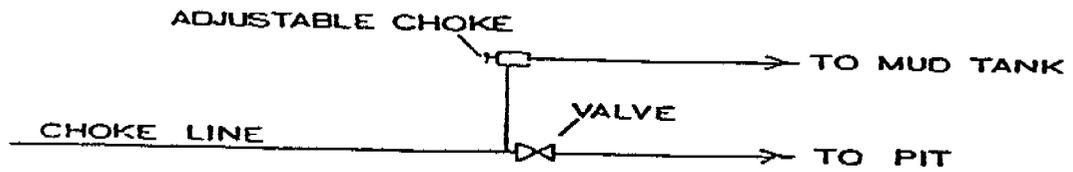
TYPICAL FLOW DIAGRAM

Date: / /

## BOP STACK



## CHOKE MANIFOLD



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/22/2005

API NO. ASSIGNED: 43-047-36435

WELL NAME: RBU 5-19FX

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SWNW 19 100S 200E

SURFACE: 2557 FNL 1120 FWL

BOTTOM: 2557 FNL 1120 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-013769-A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.93312

LONGITUDE: -109.7169

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)

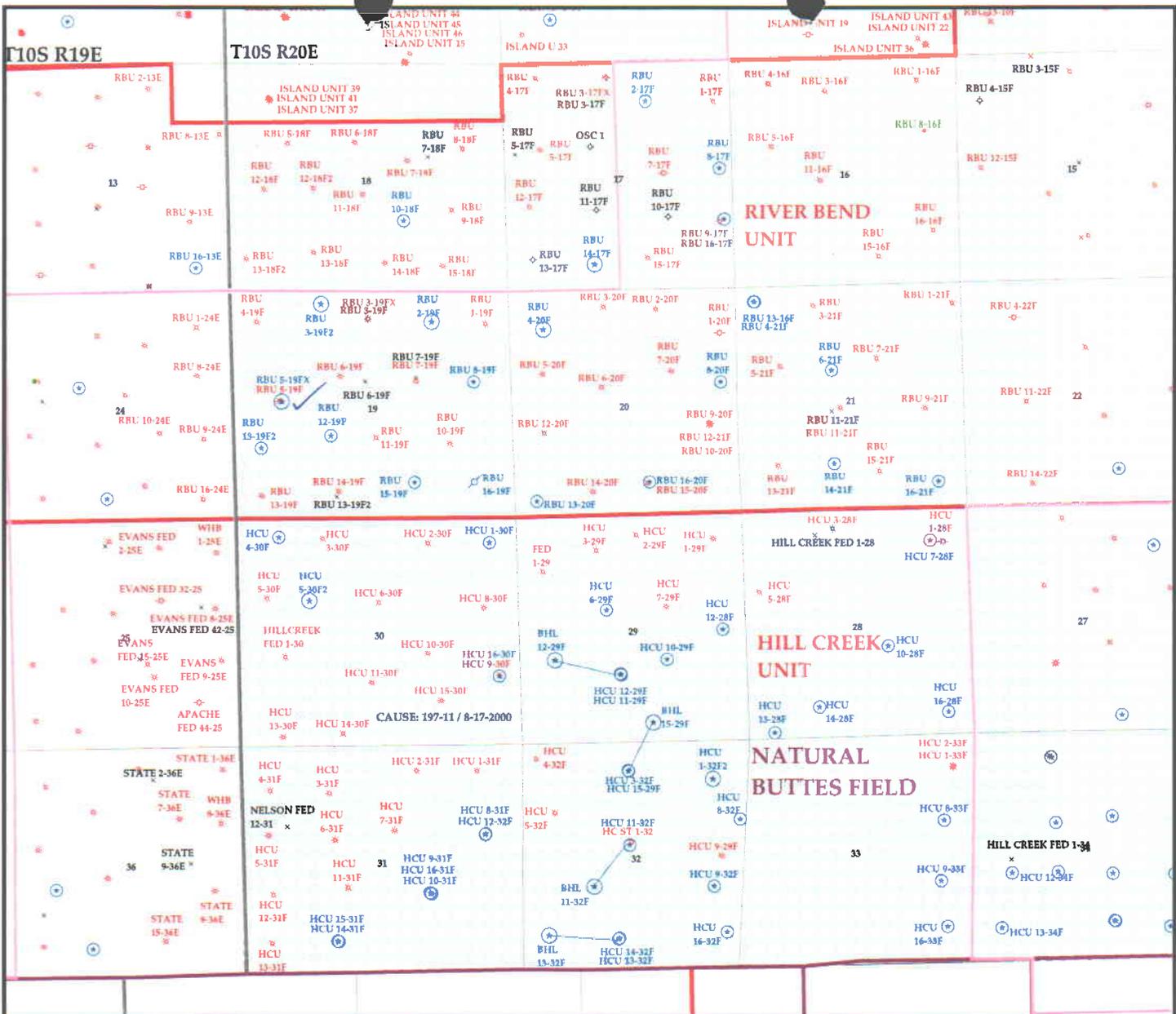
LOCATION AND SITING:

- \_\_\_ 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 Sep
- 3- OIL SHALE



OPERATOR- DOMINION EXPL & PROD (N5160)

SEC. 19 T.10S R.20E

FIELD: NATUAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3/3 / EXCEPTION LOCATION

**Wells**

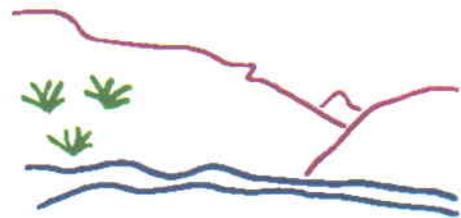
- ☆ GAS INJECTION
- ⊗ GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- ★ PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ♣ WATER DISPOSAL

**Units.shp**

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

**Fields.shp**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 23-MARCH-2005



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 24, 2005

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

Re: River Bend Unit 5-19FX Well, 2557' FNL, 1120' FWL, SW NW, Sec. 19,  
T. 10 South, R. 20 East, Uintah County, Utah

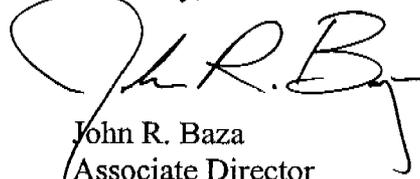
Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-36435.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosures

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



Page 2

API #43-047-36435

March 24, 2005

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

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

March 24, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District  
 From: Michael Coulthard, Petroleum Engineer  
 Subject: 2005 Plan of Development River Bend Unit  
 Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the River Bend Unit, Uintah County, Utah.

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

(Proposed PZ Mesaverde)

43-047-36433	RBU 14-17F	Sec 17 T10S R20E 0605 FSL 2038 FWL
43-047-36432	RBU 3-19F2	Sec 19 T10S R20E 0276 FNL 2074 FWL
43-047-36435	RBU 5-19FX	Sec 19 T10S R20E 2557 FNL 1120 FWL
43-047-36434	RBU 2-19F	Sec 19 T10S R20E 0684 FNL 1823 FEL
43-047-36436	RBU 4-20F	Sec 20 T10S R20E 0883 FNL 0773 FWL
43-047-36426	RBU 7-9E	Sec 9 T10S R19E 1906 FSL 1597 FEL
43-047-36427	RBU 9-15E	Sec 15 T10S R19E 1750 FSL 0786 FEL
43-047-36429	RBU 1-17E	Sec 17 T10S R19E 0781 FNL 0990 FEL
43-047-36428	RBU 2-17E	Sec 17 T10S R19E 0816 FNL 2095 FEL
43-047-36430	RBU 16-20E	Sec 20 T10S R19E 1102 FSL 0442 FEL
43-047-36431	RBU 13-21E	Sec 20 T10S R19E 1097 FSL 0417 FEL
	BHL	Sec 21 T10S R19E 0450 FSL 0600 FWL

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

/s/ Michael L. Coulthard

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.

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well  
 Oil Well     Gas Well     Other

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

3a. Address                      Suite 600  
 14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)  
 (405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2557' FNL & 1120' FWL, Sec. 19-10S-20E

5. Lease Serial No.  
 U-013769-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
 RBU 5-19FX

9. API Well No.  
 43-047-36435

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, 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"/> Altering 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	<b>APD Extension</b>
	<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 on March 24, 2006. Dominion is hereby requesting a one year extension.

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: 03-06-06  
 By: *[Signature]*

3-15-06  
 CJD

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

Name (Printed/Typed)                      Carla Christian                      Title                      Sr. Regulatory Specialist

Signature *Carla Christian*                      Date                      2/22/2006

**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, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FEB 27 2006

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

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

**API:** 43-047-36435  
**Well Name:** RBU 5-19FX  
**Location:** Section 19-10S-20E, 2557' FNL & 1120' FWL  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 3/24/2005

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

2/22/2006  
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

FEB 27 2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

MAR 22 2005

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Dominion Exploration & Production, Inc.

3. ADDRESS AND TELEPHONE NO.  
 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
 At surface 2,557' FNL, 1,120' FWL SW/4 NW/4, (Lot 2)  
 At proposed prod. zone 2,557' FNL, 1,120' FWL SW/4 NW/4, (Lot 2).

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 10.94 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1,120'

16. NO. OF ACRES IN LEASE 791.86

17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 25'

19. PROPOSED DEPTH 8,400'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,154' GR

22. APPROX DATE WORK WILL START\* September 1, 2005

5. LEASE DESIGNATION AND SERIAL NO.  
 U-013769-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 River Bend Unit

8. FARM OR LEASE NAME, WELL NO.  
 RBU 5-19FX

9. API WELL NO.  
 43-047-36435

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes

11. SEC., T., R., M., OR BLK.  
 Section 19, T10S, R20E, S1B&M

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55 ST&C	32#	2,000'	252 sks Lead, 219 sks, tail, 100 sks top out—see attached Drilling Plan
7-7/8"	5-1/2" Mav 80 LT&C	17#	8,400'	160 sks Lead, 435 sks Tail—see attached 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.  
A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well.

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

ORIGINAL  
CONFIDENTIAL

*UDD&M*

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 Don Hamilton TITLE Agent for Dominion DATE March 21, 2005

(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 [Signature] Assistant Field Manager  
TITLE Mineral Resources DATE 02/13/2006

CONDITIONS OF APPROVAL ATTACHED

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 of the

MAR 03 2006

*UDD&M*

*NOS 2/24/05*



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

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO  
DRILL**

Company: DOMINION EXPL & PROD INC Location: SWNW, Sec.19,T10S,R20E  
Well No: RBU 5-19FX Lease No: UTU-013769-A  
API No: 43-047-36435 Agreement: UTU-63054X

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After hours contact number:	(435) 781-4513	Fax: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- Location Construction (Notify Karl Wright ES / NRS) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Karl Wright ES / NRS) - Prior to moving on the drilling rig.
- Spud Notice (Notify PE) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify Jamie Sparger SPT) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger SPT) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify PE) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs) 5-19FX***

Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

The interim seed mix for reclamation will be:

Type		lbs./acre
Shadscale	<i>Atriplex confertifolia</i>	3
Fourwing salt bush	<i>Atgriplex canescens</i>	3
Galleta grass	<i>Hilaria jamesil</i>	3
Gardners salt brush	<i>Atriplex gardneri</i>	3
** Seed shall be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.		

Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.

If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.

**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, spend 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.

### ***DOWNHOLE CONDITIONS OF APPROVAL***

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. Casing cementing operations for production casing shall return cement to surface.

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.

6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

**Please submit an electronic copy of all logs run on this well in LAS format to [UT\\_VN\\_Welllogs@BLM.gov](mailto:UT_VN_Welllogs@BLM.gov). This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

**CONFIDENTIAL**

APD RECEIVED: 03/22/2005

API NO. ASSIGNED: 43-047-36435

WELL NAME: RBU 5-19FX

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SWNW 19 100S 200E  
 SURFACE: 2557 FNL 1120 FWL  
 BOTTOM: 2550 FSL 0075 FWL  
 COUNTY: UINTAH  
 LATITUDE: 39.93312 LONGITUDE: -109.7169  
 UTM SURF EASTINGS: 609637 NORTHINGS: 4420912  
 FIELD NAME: NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-013769-A  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

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)
- Intent to Commingle (Y/N)

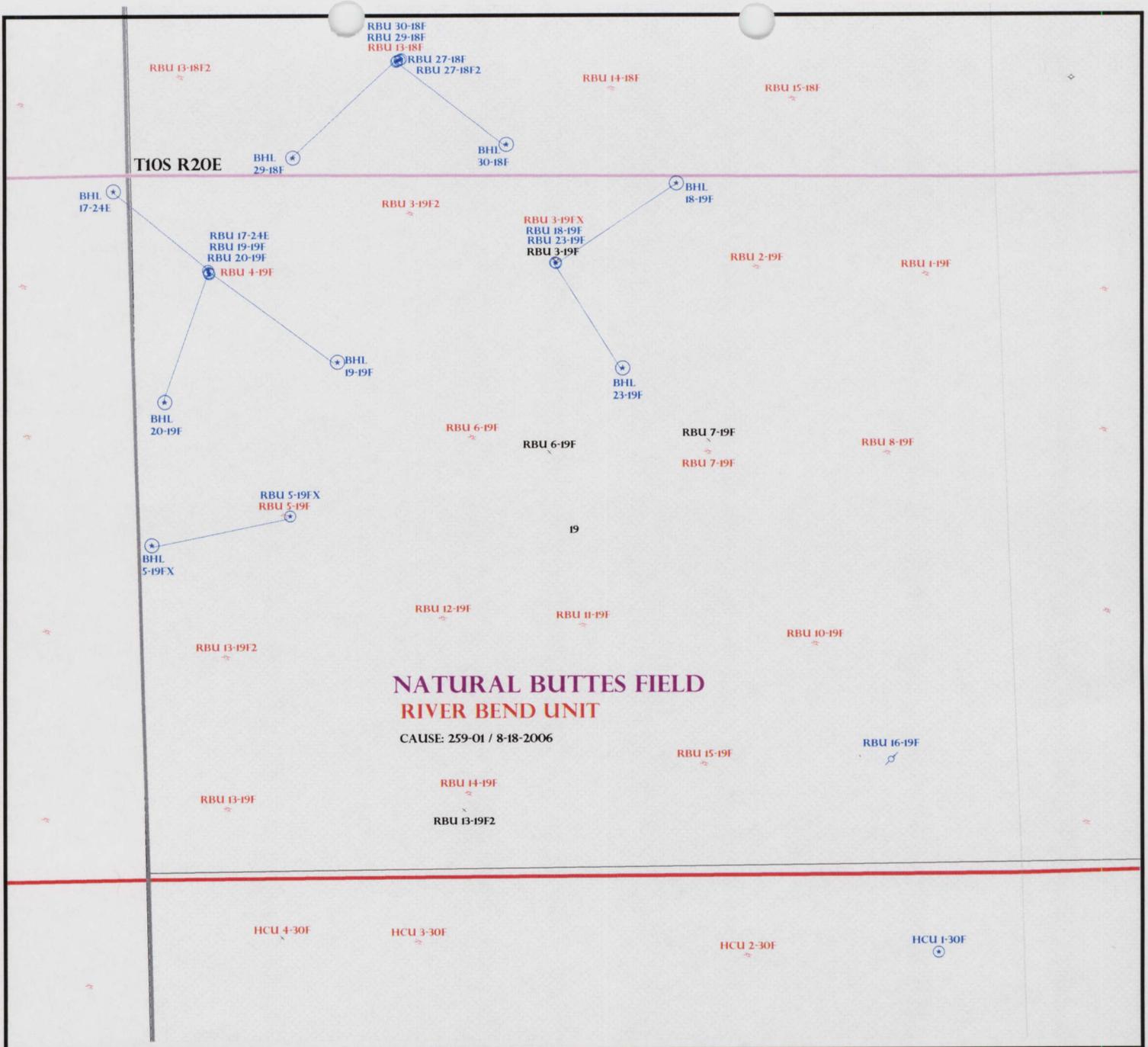
LOCATION AND SITING:

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

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

STIPULATIONS: \_\_\_\_\_

*1- Permit Approved*  
*2- OIL SHALE*



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 19 T.10S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 259-01 / 8-18-2006

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

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

- Wells Status**
- + GAS INJECTION
  - x GAS STORAGE
  - x LOCATION ABANDONED
  - o NEW LOCATION
  - x PLUGGED & ABANDONED
  - + PRODUCING GAS
  - + PRODUCING OIL
  - + SHUT-IN GAS
  - + SHUT-IN OIL
  - x TEMP. ABANDONED
  - o TEST WELL
  - + WATER INJECTION
  - + WATER SUPPLY
  - + WATER DISPOSAL
  - + DRILLING



PREPARED BY: DIANA MASON  
DATE: 3-JANUARY-2007

# 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)

January 3, 2007

### Memorandum

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

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well's bottom hole location has changed (see memo dated March 24, 2005). The well is planned for calendar year 2007 within the River Bend Unit, Uintah County, Utah.

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

(Proposed PZ MesaVerde)

43-047-36435 RBU 5-19FX Sec 19 T10S R20E 2557 FNL 1120 FWL		
	BHL Sec 19 T10S R20E 2550 FSL 0075 FWL	

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

/s/ Michael L. Coulthard

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**  
REMOVED  
004-9137  
MAY 31, 2007

**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  
 Oil Well     Gas Well     Other

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

3a. Address    PO Box 1360; 1400 N. State Street, Roosevelt, UT 84066

3b. Phone No. (include area code)    435-722-4521

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2,557' FNL & 1,120' FWL, Lot 2 (SW/4 NW/4), Section 19, T10S, R20E, SLB&M

5. Lease Serial No.  
U-013769-A

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

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

8. Well Name and No.  
RBU 5-19FX

9. API Well No.  
43-047-36435

10. Field and Pool, or Exploratory Area  
Natural Buttes

11. County or Parish, State  
Utah County, Utah

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Dominion requests permission to change the approved RBU 5-19FX from a vertical well to a directional well with the following bottomhole location:

2,550' FSL & 75' FWL, Lot 3 (NW/4 SW/4), Section 19, T10S, R20E, SLB&M

609320X    39.932554  
4420845Y    -109.720615

The surface location of the well and all surface attributes of the wells will remain the same. The location of the surface and target location as well as all points along the intended well bore path are within Cause No. 259-01 and are not within 460 feet of the unit boundary or any uncommitted tracts. Attached please find an updated Form 3, Civil Plat. Drilling Plan and Directional Drilling Plan.

**FILE COPY**

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

Name (Printed/Typed)    Don Hamilton    Title    Agent for Dominion Exploration & Production, Inc.

Signature    *Don Hamilton*    Date    11-27-06

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

Approved by    *[Signature]*    Date    01-03-07

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.

BRADLEY G. HILL    Date    01-03-07  
 ENVIRONMENTAL MANAGER  
 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.

(Instructions on page 2)

Federal Approval of this  
Activity is Necessary

**RECEIVED**

DEC 28 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

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

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-013769-A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. RBU 5-19FX
3b. Phone No. (include area code) 405-749-5237		9. API Well No. 43-047-36435
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 2,557' FNL & 1,120' FWL, Lot 2 (SW/4 SW/4) At proposed prod. zone 2,550' FSL & 75' FWL, Lot 3 (NW/4 SW/4),		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 10.94 miles southwest of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 19, T10S, R20E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1,120'	16. No. of acres in lease 791.86 acres	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 40 acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 8,686' MD (8,450' TVD)	20. BLM/BIA Bond No. on file WY 3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,154' GR	22. Approximate date work will start* 01/15/2006	23. Estimated duration 14 days

24. Attachments

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

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).</li> <li>5. Operator certification</li> <li>6. Such other site specific information and/or plans as may be required by the BLM.</li> </ul> |
|---|---|

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 11/27/2006
Title Agent for Dominion		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

\*(Instructions on page 2)

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R  
19  
E

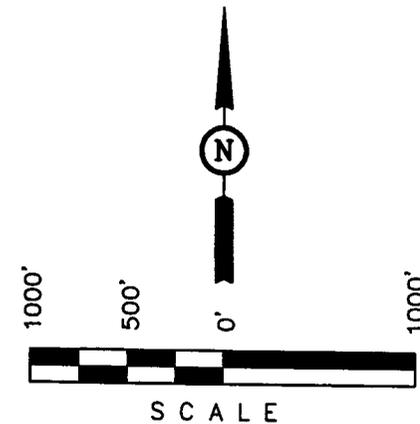
T10S, R20E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, RBU #5-19FX, located as shown in the SW 1/4 NW 1/4 (Lot 2) of Section 19, T10S, R20E, S.L.B.&M. Uintah County Utah.

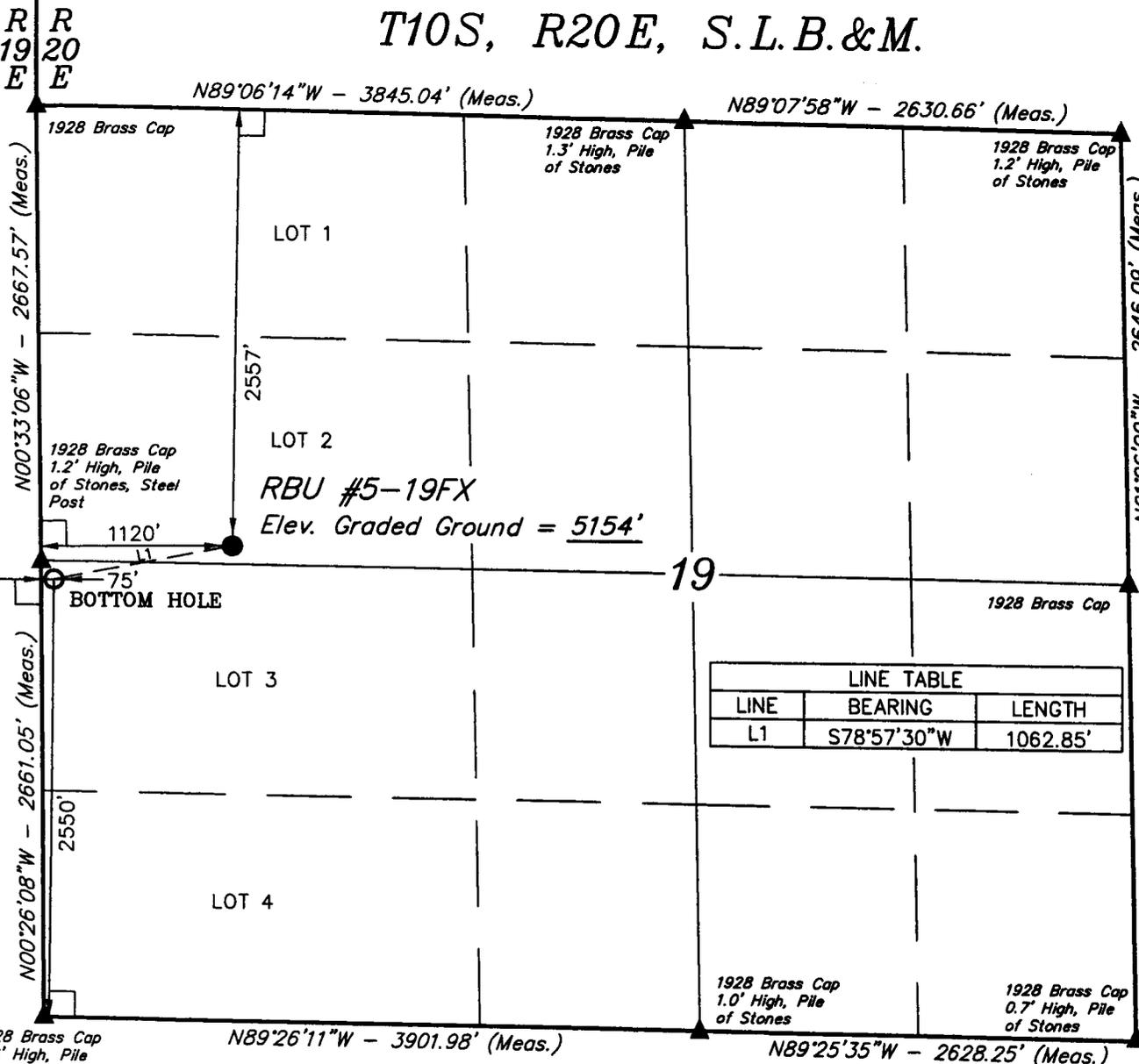
BASIS OF ELEVATION

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



(NAD 83)  
LATITUDE = 39°55'59.24" (39.933122)  
LONGITUDE = 109°43'03.33" (109.717592)  
(NAD 27)  
LATITUDE = 39°55'59.37" (39.933158)  
LONGITUDE = 109°43'00.83" (109.716897)

Revised: 10-19-06 D.R.B.



LINE TABLE		
LINE	BEARING	LENGTH
L1	S78°57'30"W	1062.85'

BASIS OF BEARINGS

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

LEGEND:

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

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.

CERTIFICATE OF REGISTERED LAND SURVEYOR

*Robert J. B...*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 11111  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 02-03-05	DATE DRAWN: 02-06-05
PARTY B.B. J.M. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE DOMINION EXPLR. & PROD., INC	

# DIRECTIONAL 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 5-19FX  
SHL: 2557' FNL & 1120' FWL Section 19-10S-20E  
BHL: 2550' FSL & 75' FWL Section 19-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth (MD)</u>
Wasatch Tongue	4,326'
Uteland Limestone	4,686'
Wasatch	4,836'
Chapita Wells	5,736'
Uteland Buttes	6,986'
Mesaverde	7,846'

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

<u>Formation</u>	<u>Depth (MD)</u>	<u>Type</u>
Wasatch Tongue	4,326'	Oil
Uteland Limestone	4,686'	Oil
Wasatch	4,836'	Gas
Chapita Wells	5,736'	Gas
Uteland Buttes	6,986'	Gas
Mesaverde	7,846'	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 (MD)</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,886'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,686'	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 surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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## 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 out surface casing shoe and anytime a new casing string is set. 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.
- The mud system will be monitored manually/visually.

<u>Depths (MD)</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 3,886'	8.6	Fresh water, rotating head and diverter
3,886' – 8,686'	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 80' 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 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

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,886' (MD) ±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole Volume</u>	<u>Cement Volume</u>
Lead	464	0'-3,386'	10.5 ppg	4.14 CFS	1,098 CF	1,922 CF
Tail	254	3,386'-3,886'	15.6 ppg	1.2 CFS	174 CF	304 CF

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

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 4.14 cf/sack      Slurry weight: 10.5 #/gal.  
Water requirement: 26.07 gal/sack  
Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.  
Slurry yield: 1.20 cf/sack      Slurry weight: 15.6 #/gal.  
Pump Time: 1 hr. 5 min. @ 110 °F.  
Compressives @ 110 °F: 2,500 psi after 24 hours

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,686' (MD) ±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole Volume</u>	<u>Cement Volume</u>
Lead	90	4,036'-4,836'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	770	4,836'-8,686'	13.0 ppg	1.75 CFS	667 CF	1,334 CF

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

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

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

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

Starting Date: ASAP  
Duration: 14 Days

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**Dominion™**

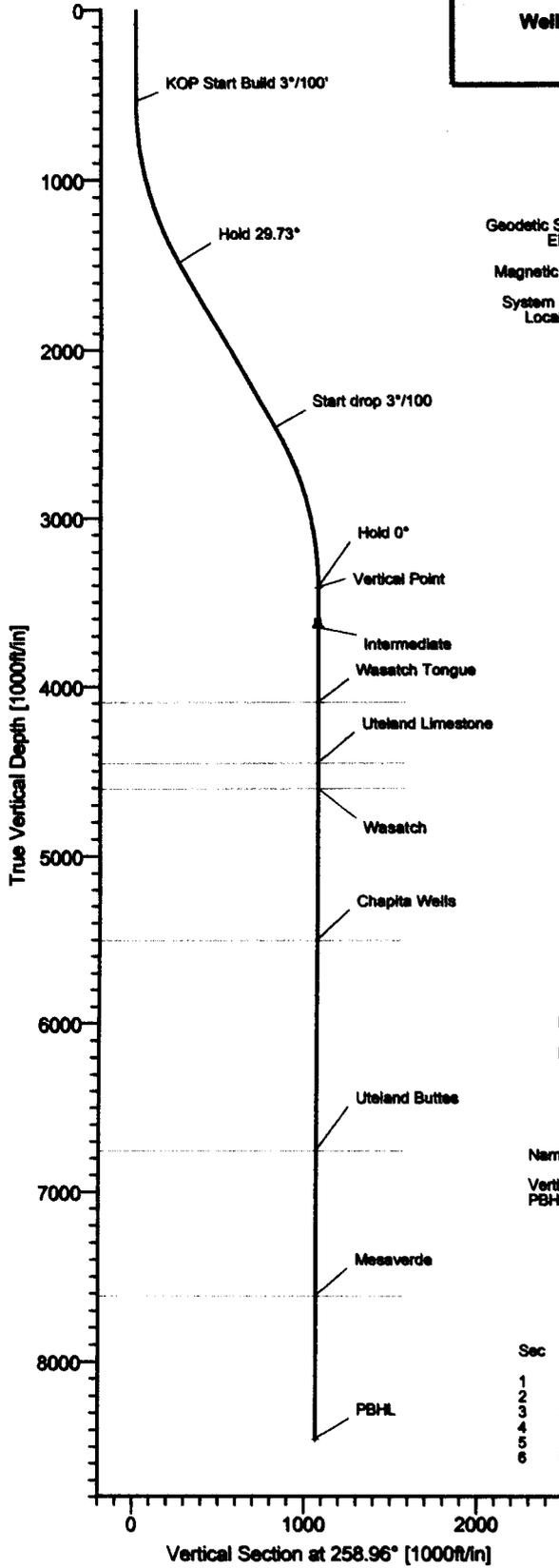
**Dominion Exploration & Production**

Field: Uintah County, Utah  
Site: RBU 5-19FX  
Well: RBU 5-19FX  
Wellpath: Original Hole  
Plan: Plan #1



Azimuths to True North  
Magnetic North: 11.74°

Magnetic Field  
Strength: 52777nT  
Dip Angle: 65.89°  
Date: 11/7/2008  
Model: igr2005



**FIELD DETAILS**

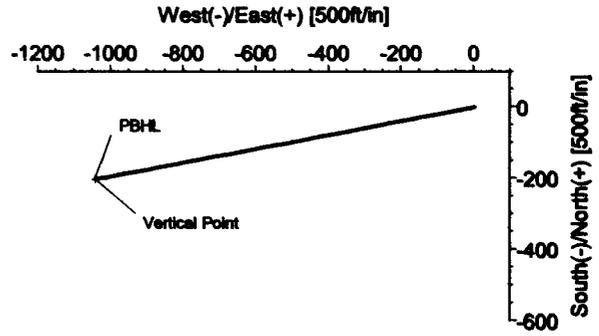
Uintah County, Utah  
Utah - Natural Buttes  
USA

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

**SITE DETAILS**

RBU 5-19FX  
Sec.19, T10S, R20E

Site Centre Latitude: 39°55'59.240N  
Longitude: 109°43'03.330W  
Ground Level: 5154.00  
Positional Uncertainty: 0.00  
Convergence: 1.14



**WELLPATH DETAILS**

Original Hole			
Rig:	Patterson 12		
Ref. Datum:	Est RKB	5170.00R	
V.Section Angle	Origin +N-S	Origin +E-W	Starting From TVD
258.96°	0.00	0.00	8450.00

**WELL DETAILS**

Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
RBU 5-19FX	0.00	0.00	7149357.64	2140189.74	39°55'59.240N	109°43'03.330W	N/A

**TARGET DETAILS**

Name	TVD	+N-S	+E-W	Shape
Vertical Point	3410.00	-203.56	-1043.17	Point
PBHL	8450.00	-203.56	-1043.17	Point

**FORMATION TOP DETAILS**

No.	TVDPath	MDPath	Formation
1	4090.00	4326.40	Wasatch Tongue
2	4450.00	4686.40	Uteland Limestone
3	4600.00	4836.40	Wasatch
4	5500.00	5736.40	Chapita Wells
5	6750.00	6886.40	Uteland Buttes
6	7610.00	7846.40	Mesaverde

**SECTION DETAILS**

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	258.96	0.00	0.00	0.00	0.00	0.00	0.00	
2	535.00	0.00	258.96	535.00	0.00	0.00	0.00	0.00	0.00	
3	1526.01	29.73	258.96	1482.13	-48.15	-248.73	3.00	258.96	251.39	
4	2655.43	29.73	258.96	2462.90	-155.42	-796.45	0.00	0.00	811.47	
5	3646.40	0.00	258.96	3410.00	-203.56	-1043.17	3.00	180.00	1062.85	Vertical Point
6	8686.40	0.00	258.96	8450.00	-203.56	-1043.17	0.00	258.96	1062.85	PBHL

Ryan Energy Technologies  
19510 Oil Center Blvd  
Houston, TX 77073  
Ph: 281-443-1414  
F: 281-443-1676



Plan: Plan #1 (RBU 5-19FX)Original Hole  
Created By: Alisha Gonzalez Date: 11/7/2008  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_

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# Ryan Energy Technological Planning Report



<b>Company:</b> Dominion Exploration & Product		<b>Date:</b> 11/7/2006	<b>Time:</b> 10:53:29	<b>Page:</b> 1						
<b>Field:</b> Uintah County, Utah		<b>Co-ordinate(N/E) Reference:</b> Well: RBU 5-19FX, True North								
<b>Site:</b> RBU 5-19FX		<b>Vertical (TVD) Reference:</b> Est RKB 5170.0								
<b>Well:</b> RBU 5-19FX		<b>Section (VS) Reference:</b> Well (0.00N,0.00E,258.96Azi)								
<b>Wellpath:</b> Original Hole		<b>Plan:</b> Plan #1								
<b>Field:</b> Uintah County, Utah Utah - Natural Buttes USA										
<b>Map System:</b> US State Plane Coordinate System 1983		<b>Map Zone:</b>	Utah, Central Zone							
<b>Geo Datum:</b> GRS 1980		<b>Coordinate System:</b>	Well Centre							
<b>Sys Datum:</b> Mean Sea Level		<b>Geomagnetic Model:</b>	igrf2005							
<b>Site:</b> RBU 5-19FX										
Sec.19, T10S, R20E										
<b>Site Position:</b>	<b>Northing:</b> 7149357.64 ft	<b>Latitude:</b>	39 55 59.240 N							
<b>From:</b> Geographic	<b>Easting:</b> 2140189.74 ft	<b>Longitude:</b>	109 43 3.330 W							
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b>	True							
<b>Ground Level:</b> 5154.00 ft		<b>Grid Convergence:</b>	1.14 deg							
<b>Well:</b> RBU 5-19FX <span style="float: right;"><b>Slot Name:</b></span>										
<b>Well Position:</b>	<b>+N/-S</b> 0.00 ft	<b>Northing:</b> 7149357.64 ft	<b>Latitude:</b>	39 55 59.240 N						
	<b>+E/-W</b> 0.00 ft	<b>Easting:</b> 2140189.74 ft	<b>Longitude:</b>	109 43 3.330 W						
<b>Position Uncertainty:</b>	0.00 ft									
<b>Wellpath:</b> Original Hole										
<b>Current Datum:</b> Est RKB	<b>Height</b> 5170.00 ft	<b>Drilled From:</b>	Surface							
<b>Magnetic Data:</b> 11/7/2006		<b>Tie-on Depth:</b>	0.00 ft							
<b>Field Strength:</b> 52777 nT		<b>Above System Datum:</b>	Mean Sea Level							
<b>Vertical Section:</b> Depth From (TVD)	<b>+N/-S</b> ft	<b>Declination:</b>	11.74 deg							
ft	ft	<b>Mag Dip Angle:</b>	65.89 deg							
		<b>+E/-W</b> ft	<b>Direction</b>	deg						
8450.00	0.00	0.00	258.96							
<b>Plan:</b> Plan #1 <span style="float: right;"><b>Date Composed:</b> 6/15/2006</span>										
<b>Principal:</b> Yes <span style="float: right;"><b>Version:</b> 1</span>										
<span style="float: right;"><b>Tied-to:</b> From Surface</span>										
<b>Plan Section Information</b>										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	258.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
535.00	0.00	258.96	535.00	0.00	0.00	0.00	0.00	0.00	0.00	
1526.01	29.73	258.96	1482.13	-48.15	-246.73	3.00	3.00	0.00	258.96	
2655.43	29.73	258.96	2462.90	-155.42	-796.45	0.00	0.00	0.00	0.00	
3846.40	0.00	258.96	3410.00	-203.56	-1043.17	3.00	-3.00	0.00	180.00	Vertical Point
8686.40	0.00	258.96	8450.00	-203.56	-1043.17	0.00	0.00	0.00	258.96	PBHL
<b>Survey</b>										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
535.00	0.00	258.96	535.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP Start Build 3"/100'
600.00	1.95	258.96	599.99	-0.21	-1.09	1.11	3.00	3.00	0.00	
700.00	4.95	258.96	699.79	-1.36	-6.99	7.12	3.00	3.00	0.00	
800.00	7.95	258.96	799.15	-3.52	-18.01	18.35	3.00	3.00	0.00	
900.00	10.95	258.96	897.78	-6.66	-34.13	34.77	3.00	3.00	0.00	
1000.00	13.95	258.96	995.42	-10.79	-55.28	56.33	3.00	3.00	0.00	
1100.00	16.95	258.96	1091.80	-15.89	-81.43	82.96	3.00	3.00	0.00	
1200.00	19.95	258.96	1186.64	-21.95	-112.48	114.61	3.00	3.00	0.00	
1300.00	22.95	258.96	1279.71	-28.95	-148.37	151.17	3.00	3.00	0.00	
1400.00	25.95	258.96	1370.73	-36.88	-188.99	192.55	3.00	3.00	0.00	
1500.00	28.95	258.96	1459.46	-45.71	-234.23	238.64	3.00	3.00	0.00	
1526.01	29.73	258.96	1482.13	-48.15	-246.73	251.39	3.00	3.00	0.00	Hold 29.73°
1600.00	29.73	258.96	1546.39	-55.17	-282.75	288.08	0.00	0.00	0.00	
1700.00	29.73	258.96	1633.23	-64.67	-331.42	337.67	0.00	0.00	0.00	
1800.00	29.73	258.96	1720.06	-74.17	-380.09	387.26	0.00	0.00	0.00	



# Ryan Energy Technologied Planning Report



Company: Dominion Exploration & Product  
 Field: Uintah County, Utah  
 Site: RBU 5-19FX  
 Well: RBU 5-19FX  
 Wellpath: Original Hole

Date: 11/7/2006 Time: 10:53:29 Page: 2  
 Co-ordinate(N/E) Reference: Well: RBU 5-19FX, Trus North  
 Vertical (TVD) Reference: Est RKB 5170.0  
 Section (VS) Reference: Well (0.00N,0.00E,258.96Azi)  
 Plan: Plan #1

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	29.73	258.96	1806.90	-83.67	-428.76	436.85	0.00	0.00	0.00	
2000.00	29.73	258.96	1893.74	-93.16	-477.44	486.44	0.00	0.00	0.00	
2100.00	29.73	258.96	1980.58	-102.66	-526.11	536.03	0.00	0.00	0.00	
2200.00	29.73	258.96	2067.42	-112.16	-574.78	585.62	0.00	0.00	0.00	
2300.00	29.73	258.96	2154.25	-121.66	-623.45	635.21	0.00	0.00	0.00	
2400.00	29.73	258.96	2241.09	-131.16	-672.12	684.80	0.00	0.00	0.00	
2500.00	29.73	258.96	2327.93	-140.65	-720.80	734.39	0.00	0.00	0.00	
2600.00	29.73	258.96	2414.77	-150.15	-769.47	783.98	0.00	0.00	0.00	
2655.43	29.73	258.96	2462.90	-155.42	-796.45	811.47	0.00	0.00	0.00	Start drop 3"/100
2700.00	28.39	258.96	2501.86	-159.56	-817.70	833.12	3.00	-3.00	0.00	
2800.00	25.39	258.96	2591.03	-168.22	-862.08	878.34	3.00	-3.00	0.00	
2900.00	22.39	258.96	2682.46	-175.98	-901.83	918.84	3.00	-3.00	0.00	
3000.00	19.39	258.96	2775.87	-182.81	-936.83	954.50	3.00	-3.00	0.00	
3100.00	16.39	258.96	2871.02	-188.69	-966.98	985.22	3.00	-3.00	0.00	
3200.00	13.39	258.96	2967.65	-193.61	-992.20	1010.91	3.00	-3.00	0.00	
3300.00	10.39	258.96	3065.50	-197.56	-1012.42	1031.52	3.00	-3.00	0.00	
3400.00	7.39	258.96	3164.28	-200.52	-1027.59	1046.97	3.00	-3.00	0.00	
3500.00	4.39	258.96	3263.74	-202.49	-1037.67	1057.24	3.00	-3.00	0.00	
3600.00	1.39	258.96	3363.60	-203.45	-1042.62	1062.28	3.00	-3.00	0.00	
3646.40	0.00	258.96	3410.00	-203.56	-1043.17	1062.85	3.00	-3.00	0.00	Vertical Point
3700.00	0.00	258.96	3463.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
3800.00	0.00	258.96	3563.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
3886.40	0.00	258.96	3650.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	Intermediate
3900.00	0.00	258.96	3683.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4000.00	0.00	258.96	3783.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4100.00	0.00	258.96	3883.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4200.00	0.00	258.96	3983.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4300.00	0.00	258.96	4083.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4326.40	0.00	258.96	4090.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	Wasatch Tongue
4400.00	0.00	258.96	4183.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4500.00	0.00	258.96	4283.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4600.00	0.00	258.96	4383.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4686.40	0.00	258.96	4450.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	Uteland Limestone
4700.00	0.00	258.96	4483.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4800.00	0.00	258.96	4583.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
4836.40	0.00	258.96	4600.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	Wasatch
4900.00	0.00	258.96	4683.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5000.00	0.00	258.96	4783.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5100.00	0.00	258.96	4883.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5200.00	0.00	258.96	4983.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5300.00	0.00	258.96	5083.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5400.00	0.00	258.96	5183.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5500.00	0.00	258.96	5283.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5600.00	0.00	258.96	5383.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5700.00	0.00	258.96	5483.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5736.40	0.00	258.96	5500.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	Chapita Wells
5800.00	0.00	258.96	5583.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
5900.00	0.00	258.96	5683.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6000.00	0.00	258.96	5783.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6100.00	0.00	258.96	5883.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6200.00	0.00	258.96	5983.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6300.00	0.00	258.96	6083.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6400.00	0.00	258.96	6183.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6500.00	0.00	258.96	6283.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	



# Ryan Energy Technologied Planning Report



<b>Company:</b> Dominion Exploration & Product	<b>Date:</b> 11/7/2006	<b>Time:</b> 10:53:29	<b>Page:</b> 3
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: RBU 5-19FX, True North	<b>Well:</b> RBU 5-19FX, Est RKB 5170.0	
<b>Site:</b> RBU 5-19FX	<b>Vertical (TVD) Reference:</b> Well (0.00N,0.00E,258.96Azi)	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,258.96Azi)	
<b>Well:</b> RBU 5-19FX	<b>Plan:</b>	<b>Plan #1</b>	
<b>Wellpath:</b> Original Hole			

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6600.00	0.00	258.96	6363.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6700.00	0.00	258.96	6463.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6800.00	0.00	258.96	6563.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6900.00	0.00	258.96	6663.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
6986.40	0.00	258.96	6750.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	Uteland Buttes
7000.00	0.00	258.96	6763.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7100.00	0.00	258.96	6863.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7200.00	0.00	258.96	6963.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7300.00	0.00	258.96	7063.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7400.00	0.00	258.96	7163.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7500.00	0.00	258.96	7263.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7600.00	0.00	258.96	7363.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7700.00	0.00	258.96	7463.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7800.00	0.00	258.96	7563.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
7846.40	0.00	258.96	7610.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	Mesaverde
7900.00	0.00	258.96	7663.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8000.00	0.00	258.96	7763.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8100.00	0.00	258.96	7863.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8200.00	0.00	258.96	7963.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8300.00	0.00	258.96	8063.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8400.00	0.00	258.96	8163.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8500.00	0.00	258.96	8263.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8600.00	0.00	258.96	8363.60	-203.56	-1043.17	1062.85	0.00	0.00	0.00	
8686.40	0.00	258.96	8450.00	-203.56	-1043.17	1062.85	0.00	0.00	0.00	PBHL

**Targets**

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →				
							Deg	Min	Sec	Deg	Min	Sec		
Vertical Point		3410.00	-203.56	-1043.17	7149133.33	2139150.83	39	55	57.228	N	109	43	16.723	W
-Plan hit target														
PBHL		8450.00	-203.56	-1043.17	7149133.33	2139150.83	39	55	57.228	N	109	43	16.723	W
-Plan hit target														

**Casing Points**

MD ft	TVD ft	Diameter in	Hole Size in	Name
3886.40	3850.00	9.625	9.625	Intermediate

**Formations**

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4326.40	4090.00	Wasatch Tongue		0.00	0.00
4686.40	4450.00	Uteland Limestone		0.00	0.00
4836.40	4600.00	Wasatch		0.00	0.00
5736.40	5500.00	Chapita Wells		0.00	0.00
6986.40	6750.00	Uteland Buttes		0.00	0.00
7846.40	7610.00	Mesaverde		0.00	0.00



# Ryan Energy Technologied Planning Report



<b>Company:</b> Dominion Exploration & Product	<b>Date:</b> 11/7/2006	<b>Time:</b> 10:53:29	<b>Page:</b> 4
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: RBU 5-19FX, True North		
<b>Site:</b> RBU 5-19FX	<b>Vertical (TVD) Reference:</b> Est RKB 5170.0		
<b>Well:</b> RBU 5-19FX	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,258.96Azi)		
<b>Wellpath:</b> Original Hole	<b>Plan:</b> Plan #1		

**Annotation**

MD ft	TVD ft	
535.00	535.00	KOP Start Build 3°/100'
1526.01	1482.14	Hold 29.73°
2655.43	2462.90	Start drop 3°/100
3646.40	3410.00	Hold 0°

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**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: DOMINION EXPL & PROD INC

Well Name: RBU 5-19FX

Api No: 43-047-36435 Lease Type: FEDERAL

Section 19 Township 10S Range 20E County UINTAH

Drilling Contractor BILL JR'S RIG # 6

**SPUDDED:**

Date 12/27/06

Time 8:30 PM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 12/28/2006 Signed CHD

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

FORM 6

**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) 749-5237

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36435	RBU 5-19FX		SWNW	32	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15855	12/27/2006		12/29/06		
Comments: <u>MVRD</u>							<b>CONFIDENTIAL</b>

**Well 2**

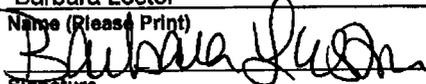
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments: 							

**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)

Barbara Lester  
 Name (Please Print)  
  
 Signature  
 Regulatory Specialist Title      12/29/2006 Date

**RECEIVED**  
**DEC 29 2006**

(5/2000)

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.**

1. Type of Well  
 Oil Well     Gas Well     Other

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

3a. Address  
 14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)  
 (405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SHL: 2557' FNL & 1120' FWL, SW NW, Sec. 19-10S-20E  
 BHL: 2550' FSL & 75' FWL, NW SW, Sec. 19-10S-20E

5. Lease Serial No.  
 U-013769-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
 RBU 5-19FX

9. API Well No.  
 43-047-36435

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

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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"/> Altering 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	<u>Spud Well</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

12/27/06 - Spud well. Ran 12 jts 13 3/8", 48#, H-40 csg set @ 522'. Cemented tail w/500 sks Class "G" 15.8 ppg, 1.15 yld, w/15 bbls cmt. to surface.

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

Name (Printed/Typed) Barbara Lester Title Regulatory Specialist

Signature *Barbara Lester* Date 1/3/2007

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, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 JAN 08 2007  
 DIV. OF OIL, GAS & MINING

# FACSIMILE COVER PAGE

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To : Utah Division of Oil, Gas & Mining

From : g

Sent : 1/11/2007 at 2:58:28 PM

Pages : 2 (including Cover)

Subject : RBU 5-19FX *T10S R10E 5-19 43-049-36435*

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DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

<b>WELL NAME : RBU 5-19FX</b>		Event No: 1
DISTRICT : WESTERN	FIELD : NATURAL BUTTES 630	LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E
COUNTY & STATE : UINTAH	UT	CONTRACTOR :
WI % : 100.00    AFE # : 0602808	API # : 43-047-36435	PLAN DEPTH : 8,400    SPUD DATE : 12/27/06
DHC : \$1,017,091    CWC : \$664,320	AFE TOTAL : \$1,681,411	FORMATION : WASATCH/MESAVERDE
EVENT DC: \$125,298.00    EVENT CC: \$0.00	EVENT TC: \$125,298.00	WELL TOTL COST: \$125,298

<b>REPORT DATE: 12/29/06</b>	MD : 522	TVD : 522	DAYS : 0	MW :	VISC :
DAILY : DC : \$125,298.00	CC : \$0.00	TC : \$125,298.00	CUM : DC: \$125,298.00	CC : \$0.00	TC : \$125,298.00

DAILY DETAILS : MIRU BILL JRS #6. SPUD WELL ON 12-27-06 @ 8:30 PM. DRILL 550' OF 17.7" HOLE. RUN & SET 12 JT'S 13.375", H-40, 48# CSGN. CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. W/ 15 BBLS TO SURFACE.

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JAN 11 2007

# FACSIMILE COVER PAGE

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To : Utah Division of Oil, Gas & Mining

From : g

Sent : 1/17/2007 at 1:17:42 PM

Pages : 2 (including Cover)

Subject : RBU 5-19FX *T109 R20E S-19*

*43-047-36435*

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JAN 17 2007

DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

# CONFIDENTIAL

<b>WELL NAME : RBU 5-19FX</b>		Event No: 1	
DISTRICT : WESTERN	FIELD : NATURAL BUTTES 630	LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E	
COUNTY & STATE : UINTAH	UT	CONTRACTOR :	
WI % : 100.00    AFE # : 0602808	API # : 43-047-36435	PLAN DEPTH : 8,400	SPUD DATE : 12/27/06
DHC : \$1,017,091    CWC : \$664,320	AFE TOTAL : \$1,681,411	FORMATION : WASATCH/MESAVERDE	
EVENT DC : \$238,798.00	EVENT CC : \$0.00	EVENT TC : \$238,798.00	WELL TOTL COST : \$238,798

<b>REPORT DATE:</b> 01/12/07	MD : 522	TVD : 522	DAYS : 1	MW :	VISC :
DAILY : DC : \$30,500.00	CC : \$0.00	TC : \$30,500.00	CUM : DC : \$155,798.00	CC : \$0.00	TC : \$155,798.00
DAILY DETAILS : MOVE RIG TO RBU 5-19FX					

<b>REPORT DATE:</b> 01/13/07	MD : 522	TVD : 522	DAYS : 2	MW :	VISC :
DAILY : DC : \$30,500.00	CC : \$0.00	TC : \$30,500.00	CUM : DC : \$186,298.00	CC : \$0.00	TC : \$186,298.00
DAILY DETAILS : CONT. TO MOVE RIG TO RBU 5-19FX					

<b>REPORT DATE:</b> 01/14/07	MD : 522	TVD : 522	DAYS : 3	MW :	VISC :
DAILY : DC : \$30,500.00	CC : \$0.00	TC : \$30,500.00	CUM : DC : \$216,798.00	CC : \$0.00	TC : \$216,798.00
DAILY DETAILS : CONTRACTOR					

<b>REPORT DATE:</b> 01/15/07	MD : 522	TVD : 522	DAYS : 4	MW :	VISC :
DAILY : DC : \$11,000.00	CC : \$0.00	TC : \$11,000.00	CUM : DC : \$227,798.00	CC : \$0.00	TC : \$227,798.00
DAILY DETAILS : PATTERSON STAND DOWN FOR SAFETY CLASS					

<b>REPORT DATE:</b> 01/16/07	MD : 522	TVD : 522	DAYS : 5	MW :	VISC :
DAILY : DC : \$11,000.00	CC : \$0.00	TC : \$11,000.00	CUM : DC : \$238,798.00	CC : \$0.00	TC : \$238,798.00
DAILY DETAILS : PATTERSON SAFETY STAND DOWN					

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**JAN 17 2007**  
 DIV. OF OIL, GAS & MINING

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**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 1/24/2007 at 12:45:48 PM  
**Subject :** RBU 5-19FX

**From :** g  
**Pages :** 2 (including Cover)

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43-047-36435  
19 10s 20e

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DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

# CONFIDENTIAL

**WELL NAME : RBU 5-19FX**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602808

API # : 43-047-36435

PLAN DEPTH : 8,400 SPUD DATE : 12/27/06

DHC : \$1,017,091

CWC : \$664,320

AFE TOTAL : \$1,681,411

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$572,402.00

EVENT CC : \$0.00

EVENT TC : \$572,402.00

WELL TOTL COST : \$572,402

REPORT DATE: 01/16/07 MD : 522 TVD : 522 DAYS : 5 MW : VISC :  
 DAILY : DC : \$11,000.00 CC : \$0.00 TC : \$11,000.00 CUM : DC : \$238,798.00 CC : \$0.00 TC : \$238,798.00  
 DAILY DETAILS : PATTERSON SAFETY STAND DOWN

REPORT DATE: 01/18/07 MD : 522 TVD : 522 DAYS : 7 MW : VISC :  
 DAILY : DC : \$11,000.00 CC : \$0.00 TC : \$11,000.00 CUM : DC : \$249,798.00 CC : \$0.00 TC : \$249,798.00  
 DAILY DETAILS : PATTERSON SHUT DOWN FOR SAFETY SCHOOL

REPORT DATE: 01/19/07 MD : 522 TVD : 522 DAYS : 8 MW : VISC :  
 DAILY : DC : \$158,507.00 CC : \$0.00 TC : \$158,507.00 CUM : DC : \$408,305.00 CC : \$0.00 TC : \$408,305.00  
 DAILY DETAILS : PATTERSON SHUT DOWN FOR SAFETY SCHOOL

REPORT DATE: 01/20/07 MD : 522 TVD : 522 DAYS : 9 MW : VISC :  
 DAILY : DC : \$11,000.00 CC : \$0.00 TC : \$11,000.00 CUM : DC : \$419,305.00 CC : \$0.00 TC : \$419,305.00  
 DAILY DETAILS : PATTERSON THAWING OUT STEAM LINES AND FINISH RIGGING UP

REPORT DATE: 01/21/07 MD : 522 TVD : 522 DAYS : 10 MW : VISC :  
 DAILY : DC : \$11,000.00 CC : \$0.00 TC : \$11,000.00 CUM : DC : \$430,305.00 CC : \$0.00 TC : \$430,305.00  
 DAILY DETAILS : THAW OUT MUD PUMPS AND MUD LINES

REPORT DATE: 01/22/07 MD : 963 TVD : 909 DAYS : 11 MW : 8.3 VISC : 32  
 DAILY : DC : \$63,600.00 CC : \$0.00 TC : \$63,600.00 CUM : DC : \$493,905.00 CC : \$0.00 TC : \$493,905.00  
 DAILY DETAILS : PICK UP BHA AND MWD TOOLS - TAG CMT. AT 471' BREAK CIRC. AND TEST MWD DRILL CMT. FLOAT AND SHOE CLEAN CMT. WIPER PLUG RUBBER OUT OF FLOW LINE AND TIGHTEN ROT. HEAD DRILL F/525' T/963'

REPORT DATE: 01/23/07 MD : 1,715 TVD : 1,650 DAYS : 12 MW : 8.8 VISC : 30  
 DAILY : DC : \$37,650.00 CC : \$0.00 TC : \$37,650.00 CUM : DC : \$531,555.00 CC : \$0.00 TC : \$531,555.00  
 DAILY DETAILS : DRILL F/963' T/1115' ROT. AND SLIDE BUILDING ANGLE REPAIR ROD OILER ON MUD PUMP AND SWITCH GEN. DRILL F/1115' T/1715' ROT. AND SLIDE BUILD ANGLE TO 30 DEG.

REPORT DATE: 01/24/07 MD : 2,381 TVD : 2,285 DAYS : 13 MW : 8.9 VISC : 31  
 DAILY : DC : \$40,847.00 CC : \$0.00 TC : \$40,847.00 CUM : DC : \$572,402.00 CC : \$0.00 TC : \$572,402.00  
 DAILY DETAILS : DRILL F/1715' T/1937' ROT. AND SLIDE TO MAINTAIN ANGLE CLEAN OUT PLUGGED FUEL FILTERS ON PUMP MOTORS DRILL F/1937' T/2032' ROT. AND SLIDE TO MAINTAIN ANGLE RIG SERVICE DRILL F/2032' T/2381' ROT. AND SLIDE TO MAINTAIN ANGLE

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**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 1/31/2007 at 2:35:22 PM  
**Subject :** RBU 5-19FX

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43-047-36435  
19 10s 20e

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DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 5-19FX**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602808

API # : 43-047-36435

PLAN DEPTH : 8,400

SPUD DATE : 12/27/06

DHC : \$1,017,091

CWC : \$664,320

AFE TOTAL : \$1,681,411

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$970,343.00

EVENT CC : \$0.00

EVENT TC : \$970,343.00

WELL TOTL COST : \$970,343

**REPORT DATE: 01/24/07** MD : 2,381 TVD : 2,285 DAYS : 13 MW : 8.9 VISC : 31  
 DAILY : DC : \$40,847.00 CC : \$0.00 TC : \$40,847.00 CUM : DC : \$572,402.00 CC : \$0.00 TC : \$572,402.00  
 DAILY DETAILS : DRILL F/1715' T/1937' ROT. AND SLIDE TO MAINTAIN ANGLE CLEAN OUT PLUGGED FUEL FILTERS ON PUMP  
 MOTORS DRILL F/1937' T/2032' ROT. AND SLIDE TO MAINTAIN ANGLE RIG SERVICE DRILL F/2032' T/2381' ROT.  
 AND SLIDE TO MAINTAIN ANGLE

**REPORT DATE: 01/25/07** MD : 2,699 TVD : 2,529 DAYS : 14 MW : 9.2 VISC : 33  
 DAILY : DC : \$38,765.00 CC : \$0.00 TC : \$38,765.00 CUM : DC : \$611,167.00 CC : \$0.00 TC : \$611,167.00  
 DAILY DETAILS : GEN. DOWN - CHANGE FUEL FILTERS ON MOTORS DRILL F/2381' T/2572' ROT. AND SLIDE TO MAINTAIN  
 ANGLE CIRC. AND COND. TO CLEAN HOLE DRILL F/2572' T/2657' ROT. AND SLID TO MAINTAIN ANGLE TRIP  
 FOR BIT #2 AND MWD DRILL F/2657' T/2699' ROT. AND SLID TO MAINTAIN ANGLE

**REPORT DATE: 01/26/07** MD : 3,174 TVD : 2,960 DAYS : 15 MW : 9.3 VISC : 35  
 DAILY : DC : \$37,626.00 CC : \$0.00 TC : \$37,626.00 CUM : DC : \$648,793.00 CC : \$0.00 TC : \$648,793.00  
 DAILY DETAILS : DRILL F/2699' T/2857' ROT. AND SLIDE TO MAINTAIN ANGLE RIG SERVICE DRILL F/2857' T/2889' ROT. AND  
 SLIDE START DROP REPAIR #2 PUMP - LEAK IN VALVE CAP DRILL F/2889' T/3174' ROT. AND SLIDE DROP  
 ANGLE

**REPORT DATE: 01/27/07** MD : 3,356 TVD : 3,132 DAYS : 16 MW : 9.6 VISC : 35  
 DAILY : DC : \$38,302.00 CC : \$0.00 TC : \$38,302.00 CUM : DC : \$687,095.00 CC : \$0.00 TC : \$687,095.00  
 DAILY DETAILS : DRILL F/3174' T/3284' ROT. & SLIDE DROPPING ANGLE CIRC. PUMP SWEEP AND PILL TRIP - CHANGE MUD  
 MOTOR AND LAY DOWN SHOCH SUB DRILL F/3284' T/3356' ROT. & SLIDE DROPPING ANGLE

**REPORT DATE: 01/28/07** MD : 3,575 TVD : 3,345 DAYS : 17 MW : 9.2 VISC : 37  
 DAILY : DC : \$36,770.00 CC : \$0.00 TC : \$36,770.00 CUM : DC : \$723,865.00 CC : \$0.00 TC : \$723,865.00  
 DAILY DETAILS : DRILL F/3356' T/3417' SLIDE & ROT. TO DROP ANGLE RIG REPAIR - FUEL FILTERS PLUGGED DRILL F/3417'  
 T/3481' SLIDE & ROT. RIG SERVICE DRILL F/3481' T/3517' SLIDE & ROT. RIG REPAIR - LEAK IN MUD LINE DRILL  
 F/3517' T/3575' SLIDE & ROT.

**REPORT DATE: 01/29/07** MD : 3,755 TVD : 3,520 DAYS : 18 MW : 9.2 VISC : 37  
 DAILY : DC : \$36,520.00 CC : \$0.00 TC : \$36,520.00 CUM : DC : \$760,385.00 CC : \$0.00 TC : \$760,385.00  
 DAILY DETAILS : DRILL F/3575' T/3670' SLIDE & ROT. TO DROP ANGLE RIG SERVICE DRILL F/3670' T/3755' SLIDE & ROT. TO  
 DROP ANGLE TO 4? AT CSG. POINT TRIP OUT TO 8" DC RIG UP LAY DOWN CREW AND LAY DOWN 8" TOOLS

**REPORT DATE: 01/30/07** MD : 3,755 TVD : 3,520 DAYS : 19 MW : 9.2 VISC : 35  
 DAILY : DC : \$144,550.00 CC : \$0.00 TC : \$144,550.00 CUM : DC : \$904,935.00 CC : \$0.00 TC : \$904,935.00  
 DAILY DETAILS : RIG UP LAY DOWN MACH. AND LAY DOWN 8" TOOLS RIG UP CASING CREW AND RAN 87 JTS. 9 5/8" J-55 36#  
 WITH SHOE & FLOAT COLLAR - TOTAL 3734.73' CIRC. & COND. FOR CMT. CMT 9 5/8" CSG. LEAD 500 SK 11#  
 TAIL 200 SK 15.8 DROP PLUG & DISP. WITH 285BBL WATER - PLUG BUMPED FLOATS HELD - 50BBL CMT TO  
 SURF. NIPPLE DOWN 13 5/8" ROT HEAD AND NIPPLE UP 11" BOP

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JAN 31 2007



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 5-19FX**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602808

API # : 43-047-36435

PLAN DEPTH : 8,400 SPUD DATE : 12/27/06

DHC : \$1,017,091

CWC : \$664,320

AFE TOTAL : \$1,681,411

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$970,343.00

EVENT CC : \$0.00

EVENT TC : \$970,343.00

WELL TOTL COST : \$970,343

REPORT DATE: 01/31/07

MD : 3,755

TVD : 3,520

DAYS : 20

MW : 8.6

VISC : 26

DAILY : DC : \$65,408.00

CC : \$0.00

TC : \$65,408.00

CUM : DC : \$970,343.00

CC : \$0.00

TC : \$970,343.00

DAILY DETAILS : NIPPLE UP BOP PRESS. TEST BOP & CHOKE MAN. TO 3000PSI ANNULAR & CSG. TO 1500PSI HTO CHANGE UPPER & LOWER KELLY VALVES AND THAW CHOKE LINE & CHOKE MAN. - CMT. TOP JOB ON 9 5/8" CSG. 50SK "G" 15.8# NIPPLE UP FLOW LINE AND SET WEAR BUSHING PICK UP BHA AND TRIP IN HOLE

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# FACSIMILE COVER PAGE

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**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 2/7/2007 at 3:34:06 PM  
**Subject :** RBU 5-19FX

**From :** g  
**Pages :** 2 (including Cover)

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43-047-36435

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DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

# CONFIDENTIAL

**WELL NAME : RBU 5-19FX**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602808

API # : 43-047-36435

PLAN DEPTH : 8,400 SPUD DATE : 12/27/06

DHC : \$1,017,091

CWC : \$664,320

AFE TOTAL : \$1,681,411

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$1,217,606.00

EVENT CC : \$0.00

EVENT TC : \$1,217,606.00

WELL TOTL COST : \$1,217,606

**REPORT DATE: 01/31/07** MD : 3,755 TVD : 3,520 DAYS : 20 MW : 8.6 VISC : 26  
 DAILY : DC : \$65,408.00 CC : \$0.00 TC : \$65,408.00 CUM : DC : \$970,343.00 CC : \$0.00 TC : \$970,343.00  
 DAILY DETAILS : NIPPLE UP BOP PRESS. TEST BOP & CHOKE MAN. TO 3000PSI ANNULAR & CSG. TO 1500PSI HTO CHANGE  
 UPPER & LOWER KELLY VALVES AND THAW CHOKE LINE & CHOKE MAN. - CMT. TOP JOB ON 9 5/8" CSG.  
 50SK "G" 15.8# NIPPLE UP FLOW LINE AND SET WEAR BUSHING PICK UP BHA AND TRIP IN HOLE

**REPORT DATE: 02/01/07** MD : 4,588 TVD : 4,352 DAYS : 21 MW : 8.6 VISC : 26  
 DAILY : DC : \$31,350.00 CC : \$0.00 TC : \$31,350.00 CUM : DC : \$1,001,693.00 CC : \$0.00 TC : \$1,001,693.00  
 DAILY DETAILS : TRIP IN & TAG CMT. AT 3624' RIG REPAIR - MUD PUMPS AND MUD LINE LEAKS DRILL CMT. AND FLOAT EQ.  
 DRILL F/3755' T/3796' F.I. TEST 100 PSI FOR 20 MIN. DRILL F/3796' T/4017' DIV. SURVEY @ 3927' DRILL F/4017'  
 T/4556' DIV. SURVEY @ 4470' DRILL F/4556' T/4588'

**REPORT DATE: 02/02/07** MD : 6,203 TVD : 5,967 DAYS : 22 MW : 8.6 VISC : 26  
 DAILY : DC : \$36,155.00 CC : \$0.00 TC : \$36,155.00 CUM : DC : \$1,037,848.00 CC : \$0.00 TC : \$1,037,848.00  
 DAILY DETAILS : DRILL F/4588' T/4841' RIG REPAIR - # 2 MUD PUMP DRILL F/4841' T/5190' RIG SERVICE DRILL F/5190' T/5536'  
 SURVEY @ 5450' 6? DRILL F/5536' T/6013' SURVEY @ 5924' 6? DRILL F/6013' T/6203'

**REPORT DATE: 02/03/07** MD : 7,186 TVD : 6,900 DAYS : 23 MW : 8.6 VISC : 26  
 DAILY : DC : \$36,500.00 CC : \$0.00 TC : \$36,500.00 CUM : DC : \$1,074,348.00 CC : \$0.00 TC : \$1,074,348.00  
 DAILY DETAILS : DRILL F/6203' T/6552' SURVEY @ 6466' (SURVEY WIRE BROKE) DRILL F/6552' T/6583' SURVEY @ 6497' 5?  
 DRILL F/6583' T/7186'

**REPORT DATE: 02/04/07** MD : 8,006 TVD : 7,770 DAYS : 24 MW : 8.9 VISC : 26  
 DAILY : DC : \$38,848.00 CC : \$0.00 TC : \$38,848.00 CUM : DC : \$1,113,196.00 CC : \$0.00 TC : \$1,113,196.00  
 DAILY DETAILS : DRILL F/7186' T/7565' RIG SERVICE SURVEY @ 7479' 3.5? DRILL F/7565' T/8006'

**REPORT DATE: 02/05/07** MD : 8,612 TVD : 8,374 DAYS : 25 MW : 9 VISC : 31  
 DAILY : DC : \$34,700.00 CC : \$0.00 TC : \$34,700.00 CUM : DC : \$1,147,896.00 CC : \$0.00 TC : \$1,147,896.00  
 DAILY DETAILS : DRILL F/8006' T/8263' RIG SERVICE DRILL F/8263' T/8612'

**REPORT DATE: 02/06/07** MD : 8,707 TVD : 8,471 DAYS : 26 MW : 9 VISC : 38  
 DAILY : DC : \$37,945.00 CC : \$0.00 TC : \$37,945.00 CUM : DC : \$1,185,841.00 CC : \$0.00 TC : \$1,185,841.00  
 DAILY DETAILS : DRILL F/8612' T/8707' SHORT TRIP 13 STDS. - NO TIGHT HOLE CIRC. & COND. HOLE FOR LOGS TRIP OUT TO  
 LOG AND LAY MUD MOTOR & MONEL D.C. WAIT ON BAKER ATLAS RIG UP BAKER ATLAS AND RAN IN TO  
 4493' - SET DOWN ON BRIDGE

**REPORT DATE: 02/07/07** MD : 8,707 TVD : 8,471 DAYS : 27 MW : 9.1 VISC : 38  
 DAILY : DC : \$31,765.00 CC : \$0.00 TC : \$31,765.00 CUM : DC : \$1,217,606.00 CC : \$0.00 TC : \$1,217,606.00  
 DAILY DETAILS : RIG DOWN BAKER ATLAS TRIP IN TO 9 5/8" CSG. SHOE SLIPPED AND CUT DRILLING LINE TRIP IN REAN  
 BRIDGE @ 5500' 6000' CIRC. & COND. AND PUMPED SWEEPS TO CLEAN HOLE TRIP OUT TO LOG - NO TIGHT  
 HOLE LOG WITH BAKER ATLAS - LOGGERS T.D. 8708' (LAY DOWN TOOLS AT REPORT TIME)

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## FEB 07 / 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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.**

*CONFIDENTIAL - BLM/BIA - Under Instructions on reverse side*

1. Type of Well  
 Oil Well     Gas Well     Other

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

3a. Address  
 14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)  
 (405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SHL: 2557' FNL & 1120' FWL, SW NW, Sec. 19-10S-20E  
 BHL: 2550' FSL & 75' FWL, NW SW, Sec. 19-10S-20E

5. Lease Serial No.  
 U-013769-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
 RBU 5-19FX

9. API Well No.  
 43-047-36435

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			<b>Drilling Operations</b>

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 recompleat 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 recompleat 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.)

1/29/07 - Ran 87 jts 9- 5/8", 36#, J-55, ST&C csg set @ 3735'. Cement lead w/500 sks Hi-Fill V, 11.0 ppg, 3.82 yld. Tailed w/200 sks Class G, 15.8 ppg, 1.15 yld.

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature

*Barbara Lester*

Date 2/6/2007

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, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 2/14/2007 at 3:13:40 PM

**Pages :** 2 (including Cover)

**Subject :** RBU 5-19FX

43-047-36435  
19 10s 20e

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FEB 14 2007  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 5-19FX**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602808

API # : 43-047-36435

PLAN DEPTH : 8,400 SPUD DATE : 12/27/06

DHC : \$1,017,091

CWC : \$664,320

AFE TOTAL : \$1,681,411

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$1,499,913.00

EVENT CC : \$0.00

EVENT TC : \$1,499,913.00

WELL TOTL COST : \$1,499,913

**REPORT DATE: 02/07/07** MD : 8,707 TVD : 8,471 DAYS : 27 MW : 9.1 VISC : 38  
 DAILY : DC : \$31,765.00 CC : \$0.00 TC : \$31,765.00 CUM : DC : \$1,217,606.00 CC : \$0.00 TC : \$1,217,606.00  
 DAILY DETAILS : RIG DOWN BAKER ATLAS TRIP IN TO 9 5/8" CSG. SHOE SLIPPED AND CUT DRILLING LINE TRIP IN REAN  
 BRIDGE @ 5500' 6000' CIRC. & COND. AND PUMPED SWEEPS TO CLEAN HOLE TRIP OUT TO LOG - NO TIGHT  
 HOLE LOG WITH BAKER ATLAS - LOGGERS T.D. 8708' (LAY DOWN TOOLS AT REPORT TIME)

**REPORT DATE: 02/08/07** MD : 8,707 TVD : 8,471 DAYS : 28 MW : 9.2 VISC : 41  
 DAILY : DC : \$73,607.00 CC : \$0.00 TC : \$73,607.00 CUM : DC : \$1,291,213.00 CC : \$0.00 TC : \$1,291,213.00  
 DAILY DETAILS : FINISH LOGGING AND RIG DOWN BAKER ATLAS TRIP IN TO T.D. 8707' CIRC. & COND. LAY DOWN DRILL  
 STRING RIG UP WEATHERFORD AND RUN 5 1/2" CSG.

**REPORT DATE: 02/09/07** MD : 8,707 TVD : 8,471 DAYS : 29 MW : 9.2 VISC : 41  
 DAILY : DC : \$182,450.00 CC : \$0.00 TC : \$182,450.00 CUM : DC : \$1,473,663.00 CC : \$0.00 TC : \$1,473,663.00  
 DAILY DETAILS : FINISH RUNNING CSG.-RAN 207 JT. 5 1/2" 17# M-80 LT&C TOTAL 8701' CIRC.& COND. FOR CMT JOB CMT  
 WITH BIG "4" LEAD 100 SK PREM. 11# - TAIL 540 SK 65/35 13# RIGGING DOWN - CLEAN MUD PITS

**REPORT DATE: 02/10/07** MD : 8,707 TVD : 8,471 DAYS : 30 MW : 9.2 VISC : 41  
 DAILY : DC : \$26,250.00 CC : \$0.00 TC : \$26,250.00 CUM : DC : \$1,499,913.00 CC : \$0.00 TC : \$1,499,913.00  
 DAILY DETAILS : RIG DOWN AND PREPAIR TO MOVE TO RBU 29-18F

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DIV. OF OIL, GAS & MINING

# FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 2/21/2007 at 2:11:52 PM  
**Subject :** RBU 5-19FX

**From :** g  
**Pages :** 3 (including Cover)

**CONFIDENTIAL**

43-047-36435  
19 10s 20e

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**FEB 21 2007**

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

<b>WELL NAME : RBU 5-19FX</b>			Event No: 1		
DISTRICT : WESTERN		FIELD : NATURAL BUTTES 630	LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E		
COUNTY & STATE : UINTAH		UT	CONTRACTOR :		
WI % : 100.00	AFE # : 0602808	API # : 43-047-36435	PLAN DEPTH : 8,400	SPUD DATE : 12/27/06	
DHC : \$1,017,091	CWC : \$664,320	AFE TOTAL : \$1,681,411	FORMATION : WASATCH/MESAVERDE		
EVENT DC : \$1,499,913.00	EVENT CC : \$237,304.00	EVENT TC : \$1,737,217.00	WELL TOTL COST : \$1,737,217		

**REPORT DATE:** 02/16/07      MD : 8,707      TVD : 8,471      DAYS : 32      MW : 9.2      VISC : 41  
 DAILY : DC : \$0.00      CC : \$237,304.00      TC : \$237,304.00      CUM : DC : \$1,499,913.00      CC : \$237,304.00      TC : \$1,737,217.00

**DAILY DETAILS:** 02-15-2007 RBU 5-19FX. 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. Fraced interval #1, 8272-98', 2 spf, 8371-76', 1 spf, 59 holes, w/ 59,770# 20/40 PR6000 sand. Pumped frac at an avg rate of 38.4 bpm, using 318.7 mscf of N2 and 677 bbls of fluid. Avg surface treating pressure was 4412 psi w/ sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

4193 gallons Pad YF120ST/N2 gel.

2842 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

3524 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

4219 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

5603 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

8066 gallons WF110 slick water flush.

Total frac fluid pumped 677 bbls. N2 was cut during flush. RIH and set 8K frac plug @ 8250', perforate interval # 2 @ 8068-78', 1 spf, 8210-38', 2 spf, 68 holes. Fraced interval #2 w/ 81,222# 20/40 PR6000 sand. Pumped frac at an avg rate of 37.7 bpm, using 426.5 mscf of N2 and 970 bbls of fluid. Avg surface treating pressure was 4690 psi w/ sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

4889 gallons Pad YF120ST/N2 gel.

4928 gallons pumped YF120ST/N2 @ 1.0 ppg sand concentration.

5624 gallons pumped YF120ST/N2 @ 2.0 ppg sand concentration.

5623 gallons pumped YF120ST/N2 @ 3.0 ppg sand concentration.

6517 gallons pumped YF120ST/N2 @ 4.0 ppg sand concentration.

7833 gallons WF110 slick water flush.

Total frac fluid pumped 970 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 5900', perforate interval # 3 @ 5564-84', 5664-70', 2 spf, 54 holes. Fraced interval #3 w/ 57,547# 20/40 Ottawa sand. Pumped frac at an avg rate of 37.3 bpm, using 201.6 mscf of N2 and 504 bbls of fluid. Avg surface treating pressure was 3470 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

3499 gallons Pad YF115ST/N2 gel.

2714 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.

2719 gallons pumped YF115ST/N2 @ 3.0 ppg sand concentration.

2664 gallons pumped YF115ST/N2 @ 4.0 ppg sand concentration.

3217 gallons pumped YF115ST/N2 @ 6.0 ppg sand concentration.

2678 gallons WF110/N2 slick water flush.

Total frac fluid pumped 504 bbls. N2 was cut not during flush. Opened well to the pit on a 12/64 choke. Turned well over to production.

---

**REPORT DATE:** 02/17/07      MD : 8,707      TVD : 8,471      DAYS : 33      MW :      VISC :  
 DAILY : DC : \$0.00      CC : \$0.00      TC : \$0.00      CUM : DC : \$1,499,913.00      CC : \$237,304.00      TC : \$1,737,217.00  
**DAILY DETAILS:** WELL OPEN TO PIT ON 12/64 CHOKE FCP 932 RECOVERED 1010 BBLS FRAC FLUID CHANGE TO 18/64 CHOKE

---

**REPORT DATE:** 02/18/07      MD : 8,707      TVD : 8,471      DAYS : 34      MW :      VISC :  
 DAILY : DC : \$0.00      CC : \$0.00      TC : \$0.00      CUM : DC : \$1,499,913.00      CC : \$237,304.00      TC : \$1,737,217.00  
**DAILY DETAILS:** WELL OPEN TO PIT ON 18/64 CHOKE FCP 609 RECOVERED 975 BBLS FRAC FLUID

---

**REPORT DATE:** 02/19/07      MD : 8,707      TVD : 8,471      DAYS : 35      MW :      VISC :  
 DAILY : DC : \$0.00      CC : \$0.00      TC : \$0.00      CUM : DC : \$1,499,913.00      CC : \$237,304.00      TC : \$1,737,217.00  
**DAILY DETAILS:** WELL OPEN TO SALES @ 12:00 NOON 12 HR PRODUCTION MADE 363 MCF FCP 984 SLP 89 0.91 60.02 18/64 CHOKE

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**FEB 21 2007**



## WELL CHRONOLOGY REPORT

<b>WELL NAME : RBU 5-19FX</b>			Event No: 1		
DISTRICT : WESTERN		FIELD : NATURAL BUTTES 630	LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E		
COUNTY & STATE : UINTAH		UT	CONTRACTOR :		
WI % : 100.00	AFE # : 0602808	API # : 43-047-36435	PLAN DEPTH : 8,400	SPUD DATE : 12/27/06	
DHC : \$1,017,091	CWC : \$664,320	AFE TOTAL : \$1,681,411	FORMATION : WASATCH/MESAVERDE		
EVENT DC : \$1,499,913.00	EVENT CC : \$237,304.00	EVENT TC : \$1,737,217.00	WELL TOTL COST : \$1,737,217		

<b>REPORT DATE:</b> 02/20/07	MD : 8,707	TVD : 8,471	DAYS : 36	MW :	VISC :
DAILY : DC : \$0.00	CC : \$0.00	TC : \$0.00	CUM : DC : \$1,499,913.00	CC : \$237,304.00	TC : \$1,737,217.00
DAILY DETAILS : WELL OPEN TO SALES 24 HRS MADE 1191 MCF 847 FCP 95 SLP 6 OIL 113WTR 18/64 CHOKE					

<b>REPORT DATE:</b> 02/21/07	MD : 8,707	TVD : 8,471	DAYS : 37	MW :	VISC :
DAILY : DC : \$0.00	CC : \$0.00	TC : \$0.00	CUM : DC : \$1,499,913.00	CC : \$237,304.00	TC : \$1,737,217.00
DAILY DETAILS : WELL OPEN TO SALE 24HRS 1300 MCF 797 FCP SLP 84 9 OIL 98 WTR 18/64 FINAL REPORT					

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**FEB 21 2007**

**FACSIMILE COVER PAGE**

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**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 2/28/2007 at 3:53:42 PM  
**Subject :** RBU 5-19FX

**From :** g  
**Pages :** 2 (including Cover)

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43-047-36435  
19 10s 20e

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FEB 28 2007  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : RBU 5-19FX**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2557' FNL 1120' FWL SEC 19 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602808

API # : 43-047-36435

PLAN DEPTH : 8,400

SPUD DATE : 12/27/06

DHC : \$1,017,091

CWC : \$664,320

AFE TOTAL : \$1,681,411

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$1,499,913.00

EVENT CC : \$237,304.00

EVENT TC : \$1,737,217.00

WELL TOTL COST : \$1,919,209

**REPORT DATE: 02/20/07**

MD : 8,707

TVD : 8,471

DAYS : 36

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,499,913.00

CC : \$237,304.00

TC : \$1,737,217.00

DAILY DETAILS : WELL OPEN TO SALES 24 HRS MADE 1191 MCF 847 FCP 95 SLP 6 OIL 113WTR 18/64 CHOKE

**REPORT DATE: 02/21/07**

MD : 8,707

TVD : 8,471

DAYS : 37

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,499,913.00

CC : \$237,304.00

TC : \$1,737,217.00

DAILY DETAILS : WELL OPEN TO SALE 24HRS 1300 MCF 797 FCP SLP 84 9 OIL 98 WTR 18/64 FINAL REPORT

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**FEB 28 2007**

DIV. OF OIL, GAS &amp; 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.**

1. Type of Well

Oil Well  Gas Well  Other

**CONFIDENTIAL**

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 2557' FNL & 1120' FWL, SW NW, Sec. 19-10S-20E

BHL: 2550' FSL & 75' FWL, NW SW, Sec. 19-10S-20E

5. Lease Serial No.

U-013769-A

6. If Indian, Allottee or Tribe Name

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

River Bend Unit

8. Well Name and No.

RBU 5-19FX

9. API Well No.

43-047-36435

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Unitah, 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			First Sales

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.)

2/8/07 - Ran 207 jts 5-1/2", 17#, M-80, LT&C csg set @ 8701'. Cmt lead w/100 sks Premium V, 11.0 ppg, 3.82 yld, tailed w/540 sks Class G, 13.0 ppg, 1.85 yld. Rig down. Clean pits.  
2/9/07 - Rig released.  
2/15/07 - Perf & Frac  
2/18/07 - First Sales

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature

*Barbara Lester*

Date 3/7/2007

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, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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DIV. OF OIL, GAS & MINING

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

**CONFIDENTIAL**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000  
5. Lease Serial No.  
**U-013769-A**

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

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

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

3a. Phone No. (include area code)  
**405/993-3000**

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
 At surface **2557' FNL & 1120' FWL, SW NW**  
 At top prod. interval reported below  
 At total depth **2550' FSL & 75' FWL, NW SW**

9. API Well No.  
**43-047-36435**

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

11. Sec., T., R., M., or Block and Survey or Area  
**19-10S-20E**

12. County or Parish  
**Uintah**

13. State  
**UT**

14. Date Spudded  
**12/27/2006**

15. Date T.D. Reached  
**2/5/2007**

16. Date Completed  
 D&A  Ready to prod. **2/18/2007**

17. Elevations (DF, RKB, RT, GL)\*  
**5154' GL**

18. Total Depth: MD **8707'** TVD **8458'**

19. Plug Back T.D.: MD **8648'** TVD **8399'**

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

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

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 Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	Surface	522'		500 Sx		Surface	
12 1/4"	9 5/8"	36#	Surface	3,735'		700 Sx		Surface	
7 7/8"	5 1/2"	17#	Surface	8701'		640 Sx		Est. TOC 2,900'	

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"	8350'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	8272'	8376'	8272- 98, 8371- 76		59	Open
B) Mesaverde	8068'	8238'	8068- 78, 8210- 38		68	Open
C) Wasatch	5564'	5670'	5564- 84, 5664- 70		54	Open
D)						
E)						
F)						

26. Perforation Record

Depth Interval	Amount and Type of Material
8272' - 8376'	Frac w/59,770# 20/40 PR6000 sd. w/318.7 mscf of N2 and 677 bbls of YF120ST.
8068' - 8238'	Frac w/81,222# 20/40 PR6000 sd. w/426.5 mscf of N2 and 970 bbls of YF120ST.
5564' - 5670'	Frac w/57,547# 20/40 Ottawa sd. w/201.6 mscf of N2 and 504 bbls of YF115ST.

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2/18/2007	4/6/2007	24	→	0	511	0			Flowing
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48	77	238	→	0	511	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
			→						

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

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2610 FNL 0259 FEL

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	4300'
				Uteland Limestone	4653'
				Wasatch	4804'
				Chapita Wells	5634'
				Uteland Buttes	6850'
				Mesaverde	7846'

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 Supervisor, Regulatory Reports  
 Signature *Carla Christian* Date April 12, 2007

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.



**Dominion Exploration & Production  
Natural Buttes Field  
Uintah County, Utah**

**RBU 5-19FX**

**Section 19, T10S, R20E**

**FINAL WELL REPORT**



# **AS DRILLED**

Prepared for:

## **RBU 5-19FX**

### **Dominion Exploration & Production**

on

**Section 19, T10S, R20E**

**Uintah County, Utah**



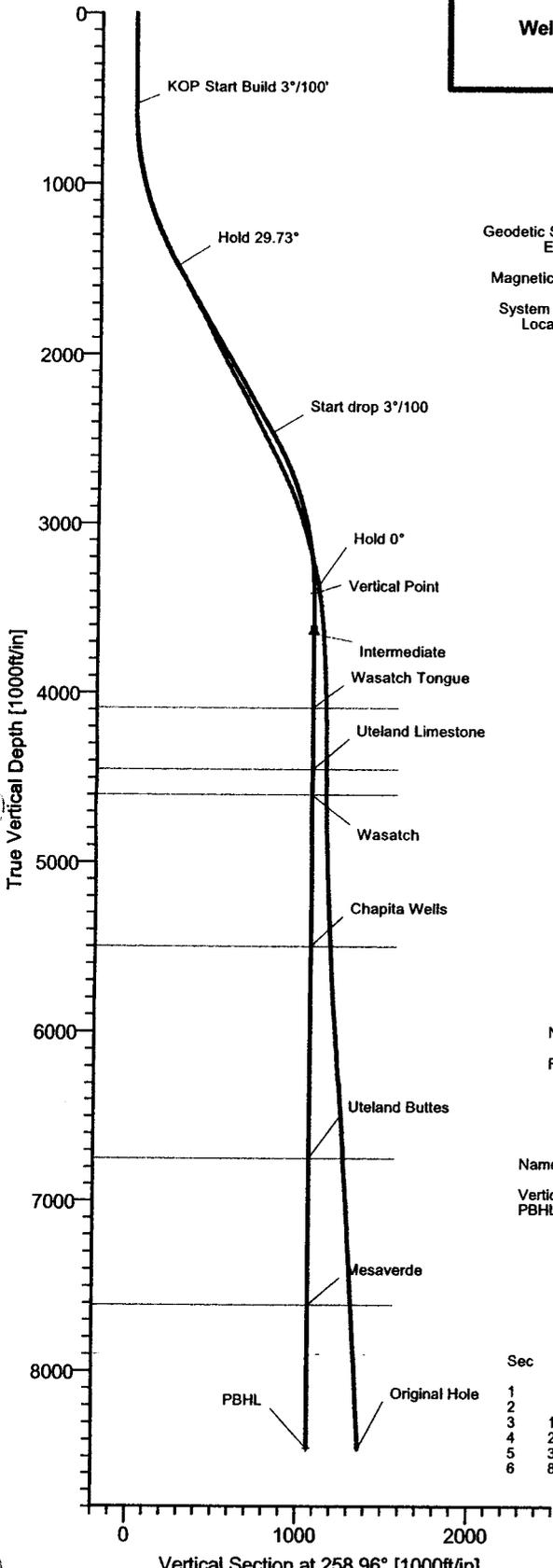
# Dominion Exploration & Production

Field: Uintah County, Utah  
 Site: RBU 5-19FX  
 Well: RBU 5-19FX  
 Wellpath: Original Hole  
 Plan: Plan #1



Azimuths to True North  
 Magnetic North: 11.74°

Magnetic Field  
 Strength: 52777nT  
 Dip Angle: 65.89°  
 Date: 11/7/2006  
 Model: igr2005



### FIELD DETAILS

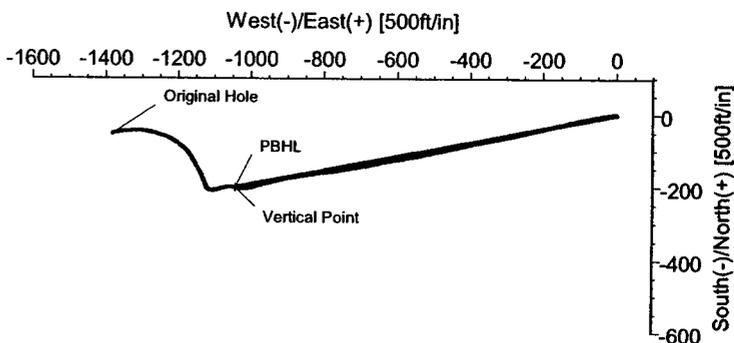
Uintah County, Utah  
 Utah - Natural Buttes  
 USA

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

### SITE DETAILS

RBU 5-19FX  
 Sec.19, T10S, R20E

Site Centre Latitude: 39°55'59.240N  
 Longitude: 109°43'03.330W  
 Ground Level: 5154.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.14



### WELLPATH DETAILS

Ref. Datum:	Rig:	Origin +N/-S	Origin +E/-W	Starting From TVD
	Patterson 12 Est RKB	0.00	0.00	0.00
				5170.00ft

### WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
RBU 5-19FX	0.00	0.00	7149357.64	2140189.74	39°55'59.240N	109°43'03.330W	N/A

### TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	3410.00	-203.56	-1043.17	Point
PBHL	8450.00	-203.56	-1043.17	Point

### FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	4090.00	4326.40	Wasatch Tongue
2	4450.00	4686.40	Uteland Limestone
3	4600.00	4836.40	Wasatch
4	5500.00	5736.40	Chapita Wells
5	6750.00	6986.40	Uteland Buttes
6	7610.00	7846.40	Mesaverde

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	258.96	0.00	0.00	0.00	0.00	0.00	0.00	
2	535.00	0.00	258.96	535.00	0.00	0.00	0.00	0.00	0.00	
3	1526.01	29.73	258.96	1482.13	-48.15	-246.73	3.00	258.96	251.39	
4	2655.43	29.73	258.96	2462.90	-155.42	-796.45	0.00	0.00	811.47	
5	3646.40	0.00	258.96	3410.00	-203.56	-1043.17	3.00	180.00	1062.85	Vertical Point
6	6686.40	0.00	258.96	8450.00	-203.56	-1043.17	0.00	258.96	1062.85	PBHL



# DIRECTIONAL DRILLING COMPOSITE SURVEY REPORT

Prepared for:

## RBU 5-19FX

### Dominion Exploration & Production

on

### Section 19, T10S, R20E

### Uintah County, Utah

Report Prepared on November, 2006

WE HEREBY CERTIFY THAT THE DATA CONTAINED IN THIS REPORT FROM <u>545'</u> FT. TO <u>8707'</u> FT. BY OUR DIRECTIONAL SUPERVISOR, REPRESENTS TO THE BEST OF OUR KNOWLEDGE, A TRUE AND ACCURATE SURVEY OF THE WELL AT THE TIME THE SURVEY WAS TAKEN.	
CERTIFIED BY 	DATE <u>2-6-07</u>



# **SURVEY REPORT - STANDARD**

Prepared for:

**RBU 5-19FX**

**Dominion Exploration & Production**

on

**Section 19, T10S, R20E**

**Uintah County, Utah**



# Ryan Energy Technologies Survey Report



<b>Company:</b> Dominion Exploration & Product	<b>Date:</b> 2/6/2007	<b>Time:</b> 10:42:02	<b>Page:</b> 1
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: RBU 5-19FX, True North		
<b>Site:</b> RBU 5-19FX	<b>Vertical (TVD) Reference:</b> Est RKB 5170.0		
<b>Well:</b> RBU 5-19FX	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,258.96Azi)		
<b>Wellpath:</b> Original Hole	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

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

<b>Site:</b> RBU 5-19FX			
Sec. 19, T10S, R20E			
<b>Site Position:</b>	<b>Northing:</b> 7149357.64 ft	<b>Latitude:</b> 39 55 59.240 N	
<b>From:</b> Geographic	<b>Easting:</b> 2140189.74 ft	<b>Longitude:</b> 109 43 3.330 W	
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True	
<b>Ground Level:</b> 5154.00 ft		<b>Grid Convergence:</b> 1.14 deg	

<b>Well:</b> RBU 5-19FX	<b>Slot Name:</b>
<b>Well Position:</b> +N-S 0.00 ft	<b>Northing:</b> 7149357.64 ft
+E-W 0.00 ft	<b>Easting:</b> 2140189.74 ft
<b>Position Uncertainty:</b> 0.00 ft	<b>Latitude:</b> 39 55 59.240 N
	<b>Longitude:</b> 109 43 3.330 W

<b>Wellpath:</b> Original Hole	<b>Drilled From:</b> Surface
<b>Current Datum:</b> Est RKB	<b>Tie-on Depth:</b> 0.00 ft
<b>Magnetic Data:</b> 11/7/2006	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 52777 nT	<b>Declination:</b> 11.74 deg
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 65.89 deg
ft	ft
0.00	0.00
0.00	0.00
0.00	258.96

<b>Survey Program for Definitive Wellpath</b>					
<b>Date:</b> 2/6/2007		<b>Validated:</b> No		<b>Version:</b> 0	
<b>Actual From</b>	<b>To</b>	<b>Survey</b>	<b>Toolcode</b>	<b>Tool Name</b>	
ft	ft				
545.00	3651.00	Survey #1 (545.00-3651.00)	MWD	MWD	
3927.00	8621.00	SS (3927.00-8621.00)	SS	Single-Shot	
8707.00	8707.00	Survey #3 (8707.00-8707.00)	Projection	Projection	

MD	Incl	Azim	TVD	+N-S	+E-W	VS	DLS	Ball	Turn	Tool/Compas
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
545.00	0.30	138.40	545.00	-1.07	0.95	-0.73	0.06	0.06	0.00	MWD
637.00	1.80	285.00	636.98	-0.87	-0.29	0.45	2.24	1.63	159.35	MWD
728.00	5.20	270.40	727.80	-0.47	-5.79	5.78	3.83	3.74	-16.04	MWD
820.00	8.20	263.30	819.17	-1.21	-16.48	16.41	3.38	3.26	-7.72	MWD
912.00	11.30	260.70	909.83	-3.43	-31.90	31.96	3.40	3.37	-2.83	MWD
1003.00	14.00	258.70	998.61	-7.03	-51.49	51.89	3.01	2.97	-2.20	MWD
1094.00	17.50	259.10	1086.18	-11.78	-75.73	76.58	3.85	3.85	0.44	MWD
1189.00	19.80	258.60	1176.18	-17.66	-105.53	106.96	2.43	2.42	-0.53	MWD
1284.00	22.10	256.80	1264.90	-24.92	-138.71	140.91	2.51	2.42	-1.89	MWD
1379.00	25.20	256.00	1351.91	-33.90	-175.74	178.98	3.28	3.26	-0.84	MWD
1474.00	27.90	255.50	1436.88	-44.36	-216.89	221.37	2.85	2.84	-0.53	MWD
1569.00	29.80	257.40	1520.09	-55.07	-261.45	267.16	2.22	2.00	2.00	MWD
1664.00	28.40	258.70	1603.10	-64.65	-306.65	313.35	1.62	-1.47	1.37	MWD
1759.00	29.10	258.70	1686.39	-73.60	-351.45	359.04	0.74	0.74	0.00	MWD
1854.00	27.10	257.50	1770.19	-82.81	-395.24	403.78	2.19	-2.11	-1.26	MWD
1950.00	25.20	257.00	1856.36	-92.15	-436.50	446.07	1.99	-1.98	-0.52	MWD
2044.00	26.30	257.30	1941.02	-101.23	-476.32	486.89	1.18	1.17	0.32	MWD
2139.00	27.70	257.60	2025.66	-110.59	-518.42	530.00	1.48	1.47	0.32	MWD
2234.00	28.50	259.30	2109.47	-119.54	-562.25	574.74	1.19	0.84	1.79	MWD
2330.00	29.30	260.00	2193.51	-127.88	-607.89	621.13	0.90	0.83	0.73	MWD



# Ryan Energy Technologies Survey Report



Company: Dominion Exploration & Product	Date: 2/6/2007	Time: 10:42:02	Page: 2
Field: Uintah County, Utah	Co-ordinate(NE) Reference:	Well: RBU 5-19FX, True North.	
Site: RBU 5-19FX	Vertical (TVD) Reference:	Est RKB 5170.0	
Well: RBU 5-19FX	Section (VS) Reference:	Well (0.00N, 0.00E, 258.96Azi)	
Wellpath: Original Hole	Survey Calculation Method:	Minimum Curvature	Db: Sybase

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2425.00	26.90	258.50	2277.31	-136.20	-651.85	665.87	2.63	-2.53	-1.58	MWD
2521.00	27.10	257.70	2362.84	-145.19	-694.50	709.45	0.43	0.21	-0.83	MWD
2616.00	27.90	261.20	2447.11	-153.20	-737.61	753.29	1.90	0.84	3.68	MWD
2711.00	26.50	261.50	2531.61	-159.73	-780.54	796.68	1.48	-1.47	0.32	MWD
2806.00	26.00	261.90	2616.81	-165.80	-822.11	838.65	0.56	-0.53	0.42	MWD
2901.00	25.20	261.40	2702.48	-171.76	-862.73	879.65	0.87	-0.84	-0.53	MWD
2996.00	23.40	259.10	2789.07	-178.35	-901.25	918.72	2.14	-1.89	-2.42	MWD
3091.00	20.80	255.80	2877.08	-186.05	-936.13	954.44	3.03	-2.74	-3.47	MWD
3186.00	18.00	254.70	2966.68	-194.07	-966.65	985.92	2.97	-2.95	-1.16	MWD
3271.00	16.00	253.40	3047.96	-200.88	-990.55	1010.68	2.39	-2.35	-1.53	MWD
3366.00	15.80	267.70	3139.36	-205.14	-1016.03	1036.51	4.12	-0.21	15.05	MWD
3461.00	14.40	279.50	3231.10	-203.71	-1040.61	1060.36	3.55	-1.47	12.42	MWD
3556.00	12.20	267.70	3323.56	-202.16	-1062.30	1081.35	3.67	-2.32	-12.42	MWD
3651.00	7.10	250.60	3417.21	-204.52	-1077.88	1097.09	6.10	-5.37	-18.00	MWD
3927.00	3.75	264.00	3691.94	-211.13	-1102.95	1122.97	1.29	-1.21	4.86	SS
4470.00	3.50	343.00	4234.15	-197.13	-1125.47	1142.39	0.85	-0.05	14.55	SS
5450.00	6.00	329.00	5210.74	-124.60	-1160.60	1162.98	0.28	0.26	-1.43	SS
5924.00	6.00	309.00	5682.19	-87.77	-1192.61	1187.35	0.44	0.00	-4.22	SS
6497.00	5.00	289.00	6252.60	-60.79	-1239.50	1228.20	0.37	-0.17	-3.49	SS
7479.00	3.50	270.00	7231.92	-46.86	-1309.95	1294.67	0.21	-0.15	-1.93	SS
8621.00	3.00	260.00	8372.09	-52.05	-1374.24	1358.77	0.07	-0.04	-0.88	SS
8707.00	3.00	260.00	8457.97	-52.83	-1378.67	1363.27	0.00	0.00	0.00	PROJECTED to TD



# **SURVEY REPORT - GEOGRAPHIC**

Prepared for:

**RBU 5-19FX**

**Dominion Exploration & Production**

on

**Section 19, T10S, R20E**

**Uintah County, Utah**



# Ryan Energy Technologies

## Survey Report - Geographic



<b>Company:</b> Dominion Exploration & Product	<b>Date:</b> 2/6/2007	<b>Time:</b> 10:43:33	<b>Page:</b> 1
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(N/E) Reference:</b> Well: RBU 5-19FX, True North		
<b>Site:</b> RBU 5-19FX	<b>Vertical (TVD) Reference:</b> Est RKB 5170.0		
<b>Well:</b> RBU 5-19FX	<b>Section (YS) Reference:</b> Well (0.00N,0.00E,258.96Azi)		
<b>Wellpath:</b> Original Hole	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

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

<b>Site:</b> RBU 5-19FX	<b>Sec.19, T10S, R20E</b>		
<b>Site Position:</b>	<b>Northing:</b> 7149357.64 ft	<b>Latitude:</b> 39 55 59.240 N	
<b>From:</b> Geographic	<b>Easting:</b> 2140189.74 ft	<b>Longitude:</b> 109 43 3.330 W	
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True	
<b>Ground Level:</b> 5154.00 ft		<b>Grid Convergence:</b> 1.14 deg	

<b>Well:</b> RBU 5-19FX	<b>Slot Name:</b>		
<b>Well Position:</b>	<b>+N-S</b> 0.00 ft	<b>Northing:</b> 7149357.64 ft	<b>Latitude:</b> 39 55 59.240 N
	<b>+E-W</b> 0.00 ft	<b>Easting :</b> 2140189.74 ft	<b>Longitude:</b> 109 43 3.330 W
<b>Position Uncertainty:</b> 0.00 ft			

<b>Wellpath:</b> Original Hole	<b>Drilled From:</b> Surface
<b>Current Datum:</b> Est RKB	<b>Tie-on Depth:</b> 0.00 ft
<b>Magnetic Data:</b> 11/7/2006	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 52777 nT	<b>Declination:</b> 11.74 deg
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 65.89 deg
ft	<b>+N-S</b>
	ft
	<b>+E-W</b>
	ft
	<b>Direction</b>
	deg
0.00	0.00 0.00 258.96

<b>Survey Program for Definitive Wellpath</b>				
<b>Date:</b> 2/6/2007	<b>Validated:</b> No	<b>Version:</b> 0		
<b>Actual From</b>	<b>To</b>	<b>Survey</b>	<b>Toolcode</b>	<b>Tool Name</b>
ft	ft			
545.00	3651.00	Survey #1 (545.00-3651.00)	MWD	MWD
3927.00	8621.00	SS (3927.00-8621.00)	SS	Single-Shot
8707.00	8707.00	Survey #3 (8707.00-8707.00)	Projection	Projection

MD	Incl	Azim	TVD	N/S	E/W	Map Northing	Map Easting	Latitude		Longitude	
								Deg	Min	Sec	Deg
0.00	0.00	0.00	0.00	0.00	0.00	7149357.64	2140189.74	39	55	59.240 N	109 43 3.330 W
545.00	0.30	138.40	545.00	-1.07	0.95	7149356.59	2140190.70	39	55	59.229 N	109 43 3.318 W
637.00	1.80	285.00	636.98	-0.87	-0.29	7149356.76	2140189.46	39	55	59.231 N	109 43 3.334 W
728.00	5.20	270.40	727.80	-0.47	-5.79	7149357.05	2140183.95	39	55	59.235 N	109 43 3.404 W
820.00	8.20	263.30	819.17	-1.21	-16.48	7149356.10	2140173.28	39	55	59.228 N	109 43 3.542 W
912.00	11.30	260.70	909.83	-3.43	-31.90	7149353.57	2140157.91	39	55	59.206 N	109 43 3.740 W
1003.00	14.00	258.70	998.61	-7.03	-51.49	7149349.58	2140138.39	39	55	59.170 N	109 43 3.991 W
1094.00	17.50	259.10	1086.18	-11.78	-75.73	7149344.36	2140114.26	39	55	59.124 N	109 43 4.302 W
1189.00	19.80	258.60	1176.18	-17.66	-105.53	7149337.88	2140084.58	39	55	59.065 N	109 43 4.685 W
1284.00	22.10	256.80	1264.90	-24.92	-138.71	7149329.96	2140051.55	39	55	58.994 N	109 43 5.111 W
1379.00	25.20	256.00	1351.91	-33.90	-175.74	7149320.25	2140014.71	39	55	58.905 N	109 43 5.586 W
1474.00	27.90	255.50	1436.88	-44.36	-216.89	7149308.97	2139973.77	39	55	58.802 N	109 43 6.115 W
1569.00	29.80	257.40	1520.09	-55.07	-261.45	7149297.37	2139929.43	39	55	58.696 N	109 43 6.687 W
1664.00	28.40	258.70	1603.10	-64.65	-306.65	7149286.89	2139884.44	39	55	58.601 N	109 43 7.267 W
1759.00	29.10	258.70	1686.39	-73.60	-351.45	7149277.05	2139839.82	39	55	58.512 N	109 43 7.842 W
1854.00	27.10	257.50	1770.19	-82.81	-395.24	7149266.97	2139796.23	39	55	58.421 N	109 43 8.404 W
1950.00	25.20	257.00	1856.36	-92.15	-436.50	7149256.82	2139755.16	39	55	58.329 N	109 43 8.934 W
2044.00	26.30	257.30	1941.02	-101.23	-476.32	7149246.94	2139715.53	39	55	58.239 N	109 43 9.445 W
2139.00	27.70	257.60	2025.66	-110.59	-518.42	7149236.74	2139673.63	39	55	58.147 N	109 43 9.986 W
2234.00	28.50	259.30	2109.47	-119.54	-562.25	7149226.92	2139629.98	39	55	58.058 N	109 43 10.548 W



# Ryan Energy Technologies

## Survey Report - Geographic



Company: Dominion Exploration & Product	Date: 2/6/2007	Time: 10:43:33	Page: 2
Field: Uintah County, Utah	Co-ordinate(NE) Reference:	Well: RBU 5-19FX, True North	
Site: RBU 5-19FX	Vertical (TVD) Reference:	Est RKB 5170.0	
Well: RBU 5-19FX	Section (VS) Reference:	Well (0.00N,0.00E,258.96Azi)	
Wellpath: Original Hole	Survey Calculation Method:	Minimum Curvature	Db: Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →		
								Deg	Min	Sec	Deg	Min	Sec
2330.00	29.30	260.00	2193.51	-127.88	-607.89	7149217.68	2139584.51	39	55	57.976 N	109	43	11.134 W
2425.00	26.90	258.50	2277.31	-136.20	-651.85	7149208.48	2139540.73	39	55	57.894 N	109	43	11.699 W
2521.00	27.10	257.70	2362.84	-145.19	-694.50	7149198.64	2139498.27	39	55	57.805 N	109	43	12.246 W
2616.00	27.90	261.20	2447.11	-153.20	-737.61	7149189.78	2139455.33	39	55	57.726 N	109	43	12.800 W
2711.00	26.50	261.50	2531.61	-159.73	-780.54	7149182.39	2139412.54	39	55	57.661 N	109	43	13.351 W
2806.00	26.00	261.90	2616.81	-165.80	-822.11	7149175.49	2139371.09	39	55	57.601 N	109	43	13.885 W
2901.00	25.20	261.40	2702.48	-171.76	-862.73	7149168.73	2139330.60	39	55	57.542 N	109	43	14.406 W
2996.00	23.40	259.10	2789.07	-178.35	-901.25	7149161.37	2139292.22	39	55	57.477 N	109	43	14.901 W
3091.00	20.80	255.80	2877.08	-186.05	-936.13	7149152.97	2139257.49	39	55	57.401 N	109	43	15.348 W
3186.00	18.00	254.70	2966.68	-194.07	-966.65	7149144.35	2139227.14	39	55	57.322 N	109	43	15.740 W
3271.00	16.00	253.40	3047.96	-200.88	-990.55	7149137.06	2139203.39	39	55	57.254 N	109	43	16.047 W
3366.00	15.80	267.70	3139.36	-205.14	-1016.03	7149132.29	2139178.00	39	55	57.212 N	109	43	16.374 W
3461.00	14.40	279.50	3231.10	-203.71	-1040.61	7149133.24	2139153.39	39	55	57.226 N	109	43	16.690 W
3556.00	12.20	267.70	3323.56	-202.16	-1062.30	7149134.35	2139131.68	39	55	57.242 N	109	43	16.968 W
3651.00	7.10	250.60	3417.21	-204.52	-1077.88	7149131.69	2139116.15	39	55	57.218 N	109	43	17.168 W
3927.00	3.75	264.00	3691.94	-211.13	-1102.95	7149124.58	2139091.21	39	55	57.153 N	109	43	17.490 W
4470.00	3.50	343.00	4234.15	-197.13	-1125.47	7149138.13	2139068.42	39	55	57.291 N	109	43	17.779 W
5450.00	6.00	329.00	5210.74	-124.60	-1160.60	7149209.94	2139031.85	39	55	58.008 N	109	43	18.230 W
5924.00	6.00	309.00	5682.19	-87.77	-1192.61	7149246.12	2138999.11	39	55	58.372 N	109	43	18.641 W
6497.00	5.00	289.00	6252.60	-60.79	-1239.50	7149272.16	2138951.69	39	55	58.639 N	109	43	19.243 W
7479.00	3.50	270.00	7231.92	-46.86	-1309.95	7149284.69	2138880.98	39	55	58.776 N	109	43	20.148 W
8621.00	3.00	260.00	8372.09	-52.05	-1374.24	7149278.22	2138816.81	39	55	58.725 N	109	43	20.973 W
8707.00	3.00	260.00	8457.97	-52.83	-1378.67	7149277.35	2138812.39	39	55	58.717 N	109	43	21.030 W

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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		8. WELL NAME and NUMBER: SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		9. API NUMBER: SEE ATTACHED
PHONE NUMBER: (817) 870-2800		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (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 <i>Edwin S. Ryan, Jr.</i>	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

(5/2000)

(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	RBUS 5-19F	SWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732217	RBUS 9-17F	NESE	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732219	RBUS 15-14E	SWSE	14	100S	190E	U-013792	7050	Federal	GW	P
4304732220	RBUS 5-3E	SWNW	03	100S	190E	U-03505	7050	Federal	GW	P
4304732228	RBUS 9-3E	NESE	03	100S	190E	U-035316	7050	Federal	GW	P
4304732239	RBUS 7-14E	SWNE	14	100S	190E	U-103792	7050	Federal	GW	P
4304732240	RBUS 9-14F	NESE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732242	RBUS 5-22E	SWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304732263	RBUS 8-13E	SENE	13	100S	190E	U-013765	7050	Federal	GW	P
4304732266	RBUS 9-21F	NESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732267	RBUS 5-10F	SWNW	10	100S	200E	U-7206	7050	Federal	GW	P
4304732268	RBUS 9-10F	NESE	10	100S	200E	U-7206	7050	Federal	GW	P
4304732269	RBUS 4-15F	NWNW	15	100S	200E	INDIAN	7050	Indian	GW	PA
4304732270	RBUS 14-22F	SESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304732276	RBUS 5-21E	SWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304732289	RBUS 7-10E	SWNE	10	100S	190E	U-013792	7050	Federal	GW	P
4304732290	RBUS 5-17F	SWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732293	RBUS 3-3E	NENW	03	100S	190E	U-013765	7050	Federal	GW	P
4304732295	RBUS 13-22E	SWSW	22	100S	190E	U-013792	7050	Federal	GW	P
4304732301	RBUS 7-21E	SWNE	21	100S	190E	U-013766	7050	Federal	GW	P
4304732309	RBUS 15-21F	SWSE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732310	RBUS 15-20F	SWSE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732312	RBUS 9-24E	NESE	24	100S	190E	U-013794	7050	Federal	GW	P
4304732313	RBUS 3-20F	NENW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304732315	RBUS 11-21F	NESW	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732317	RBUS 15-22E	SWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304732328	RBUS 3-19FX	NENW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732331	RBUS 2-11F	NWNE	11	100S	200E	U-01790	7050	Federal	GW	P
4304732347	RBUS 3-11F	NENW	11	100S	200E	U-7206	7050	Federal	GW	P
4304732391	RBUS 2-23F	NWNE	23	100S	200E	U-013793-A	7050	Federal	GW	S
4304732392	RBUS 11-14F	NESW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732396	RBUS 3-21F	NENW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732407	RBUS 15-14F	SWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732408	RBUS 4-23F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304732415	RBUS 3-10EX (RIG SKID)	NENW	10	100S	190E	UTU-035316	7050	Federal	GW	P
4304732483	RBUS 5-24EO	SWNW	24	100S	190E	U-013794	11719	Federal	OW	S
4304732512	RBUS 8-11F	SENE	11	100S	200E	U-01790	7050	Federal	GW	P
4304732844	RBUS 15-15F	SWSE	15	100S	200E	14-20-H62-2646	7050	Indian	GW	P
4304732899	RBUS 3-14F	NENW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732900	RBUS 8-23F	SENE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304732901	RBUS 12-23F	NWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304732902	RBUS 1-15F	NENE	15	100S	200E	U-7260	7050	Federal	GW	S
4304732903	RBUS 3-15F	NENW	15	100S	200E	U-7260	7050	Federal	GW	P
4304732904	RBUS 9-15F	NESE	15	100S	200E	U-7260	7050	Federal	GW	P
4304732934	RBUS 3-10F	NENW	10	100S	200E	U-7206	7050	Federal	GW	P
4304732969	RBUS 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	tpw	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	tpw	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	SENW	02	100S	200E	ML-10716	11377	State	OW	PA
4304730260	RBU 11-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	S
4304730583	RBU 11-36B	NESW	36	090S	190E	ML-22541	99998	State	NA	PA
4304730608	RBU 8-16D	SENE	16	100S	180E	ML-13216	99998	State	NA	PA
4304730760	RBU 11-2F	NESW	02	100S	200E	ML-10716	9966	State	OW	S
4304731740	RBU 1-16E	NENE	16	100S	190E	ML-13214	7050	State	GW	P
4304732026	RBU 16-2F	SESE	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NESE	16	100S	190E	ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SESW	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SENE	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SWNW	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SWSW	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NENW	16	100S	200E	ML-3393-A	7050	State	GW	P
4304733360	RBU 1-16F	NENE	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304734167	RBU 1-2F	NENE	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NESW	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SWSW	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SENE	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	P
4304735023	RBU 16-16E	SWSW	15	100S	190E	ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304735081	RBU 15-2F	SWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304735348	RBU 13-16F	NWNW	21	100S	200E	ML-3394	7050	State	GW	DRL
4304736169	RBU 4-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P
4304736170	RBU 3-16E	NENW	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

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

FORM 6

**ENTITY ACTION FORM**

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735042	RBU 12-22E		NWSW	22	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	14165	7050				3/1/2009	
Comments: WSMVD							<i>4/29/09</i>

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736432	RBU 3-19F2		NWNW	19	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	15234	7050				3/1/2009	
Comments: WSMVD							<i>4/29/09</i>

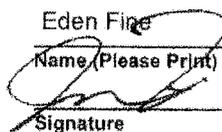
Well 3

*4304736435*

API Number	Well Name		QQ	Sec	Twp	Rng	County
<del>4304736686</del>	RBU 5-19FX		SWNW	19	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	<i>15855</i>	7050				3/1/2009	
Comments: WSMVD							<i>4/29/09</i>

**ACTION CODES:**

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

Eden Fine  
 Name (Please Print) \_\_\_\_\_  
  
 Signature \_\_\_\_\_  
 REGULATORY CLERK  
 Title \_\_\_\_\_ Date 4/29/2009

**RECEIVED**

**APR 29 2009**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-013769-A</b>
2. Name of Operator <b>XTO ENERGY INC.</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>382 CR 3100 AZTEC, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>RIVERBEND UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SHL: 2557' FNL &amp; 1120' FWL SWNW SEC 19-T10S-R20E SLB&amp;M</b> <b>BHL: 2610' FNL &amp; 259' FEL SENE SEC 19-T10S-R20E</b>		8. Well Name and No. <b>RBU 5-19FX</b>
		9. API Well No. <b>43-047-36435</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b>
		11. County or Parish, State <b>UINTAH UT</b>

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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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 recompleat 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**XTO Energy Inc. proposes to temporarily abandon this well per the attached procedure. This well needs to be TA'd in order to deepen the RBU 5-19F. Please note also the attached wellbore diagram.**

**COPY SENT TO OPERATOR**

Date: 6.3.2009  
Initials: KS

**RECEIVED**  
**MAY 20 2009**

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

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>WANETT MCCAULEY</b>	Title <b>REGULATORY CLERK</b>
Signature <i>Wanett McCauley</i>	Date <b>5/18/2009</b>

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

Approved by <i>D. M. [Signature]</i>	Title <b>Pet. Eng.</b>	Date <b>6/11/09</b>
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 <b>DOG M</b>	Federal Approval Of This Action Is Necessary

**DOG M COPY**

**River Bend Unit #05-19FX  
Sec 19, T 10 S, R 20 E  
Uintah County, Utah  
API: 43-047-36435**

**TA Well to Deepen Pad Well**

**Cond csg:** 13-3/8", 48#, H-40 @ 522'.  
**Surf csg:** 8-5/8", 32#, J-55 csg @ 3,735'. Cmt circ to surf.  
**Prod csg:** 5-1/2", 17#, M-80 csg @ 8,701'. Cmt w/595 sxs cmt, did not circ cmt to surf. TOC @ 3,000' fr/CBL. PBTD @8,648'.  
**Tbg:** 267 jts 2-3/8", 4.7#, J-55 tbg, EOT @ 8,350', SN @8,348'.  
**Perfs:** WA: 5,564'-84', 5,664'-70'. MV: 8,068'-78', 8,210'-38', 8,272'-98', 8,371'-76'.  
**Production:** Plunger Lift, 155 MCFPD, 0.5 BOPD, 2.0 BWPD.  
**Purpose:** The RBU#05-19FX needs to be TA'd in order for another pad well, RBU 05-19F, to be deepened and completed.

1. Cycle and recover plunger. MIRU SLU. Recover plunger if it doesn't cycle and recover BHBS.
2. MIRU PU. Blow down and kill well w/KCl substitute wtr treated w/biocide & scale inhibitor.
3. ND WH, NU BOP. TIH and tag fill. Report fill in morning report. TOH 130 jts of 2-3/8" original tbg.
4. PU 5-1/2" Model C RBP, 4' perf sub, & MU to 137 jts 2-3/8" tbg remaining in well.
5. TIH w/tail sub, perf sub, 5-1/2" RBP, & 130 jts of tbg. RBP @ ± 4,000'. Displace well w/±86 bbls KCl substitute wtr containing biocide & scale inhibitor. PT RBP to 1,000 psi. Ld tbg on hgr. ND BOP, install 2" vlv in hgr. RDMO PU.

**Regulatory:**

- Submit NOI to TA well, submit Sundry after task has been performed, submit NOI to reactivate TA'd well, submit Sundry after RWTP.

**Equipment:**

- 5-1/2" RBP, 4' perf sub, 10 jts of 2-3/8" tbg.

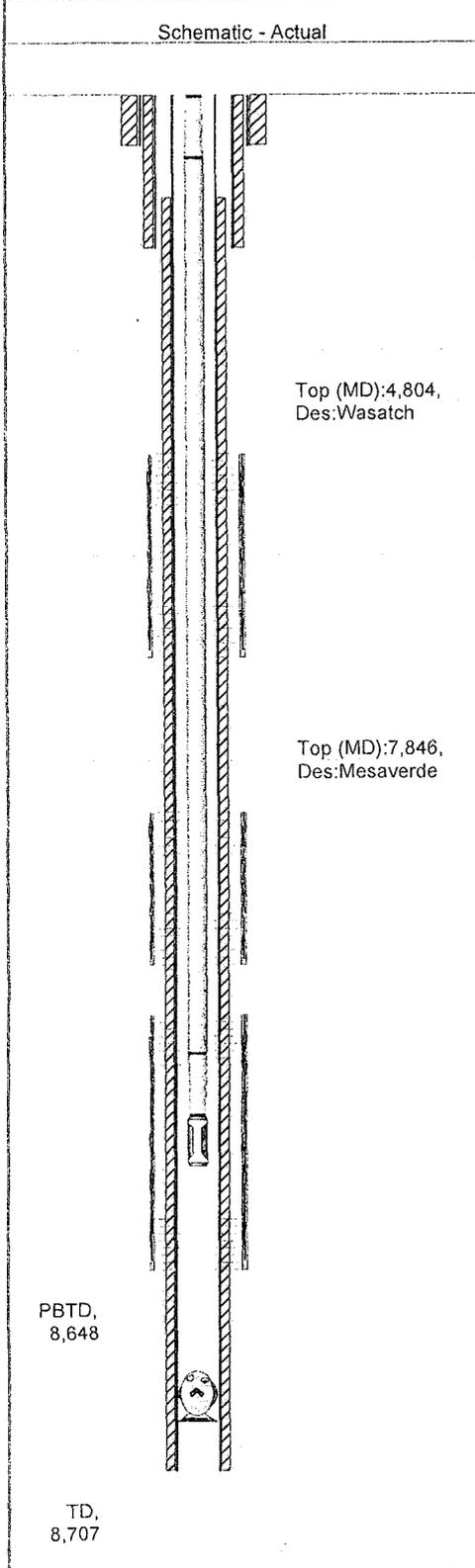


# XTO - Wellbore Diagram

**Well Name: Riverbend Unit 05-19FX**

API/UWI 43047364350000	E/W Dist (ft) 1,120.0	E/W Ref FWL	N/S Dist (ft) 2,557.0	N/S Ref FNL	Location T10S-R20E-S19	Field Name Natural Buttes	County Uintah	State Utah
Well Configuration Type Vertical	XTO ID B 163866	Orig KB Elev (ft)	Gr Elev (ft) 5,154.00	KB-Grd (ft)	Spud Date 12/27/2006	PBTD (All) (ftKB) Original Hole - 8648.0	Total Depth (ftKB) 8,707.0	Method Of Production Plgr Lift

Well Config: Vertical - Original Hole, 5/15/2009 2:57:22 PM



Zones		Top (ftKB)	Blm (ftKB)
Wasatch		4,804.0	
Mesaverde		7,846.0	
<b>Casing Strings</b>			
Casing Description	OD (in)	Wt (lbs/ft)	String Grade
Conductor	13 3/8	48.00	H-40
Casing Description	OD (in)	Wt (lbs/ft)	String Grade
Surface	9 5/8	36.00	J-55
Casing Description	OD (in)	Wt (lbs/ft)	String Grade
Production	5 1/2	17.00	M-80
<b>Cement</b>			
Description	Type	String	
Conductor Casing Cement	casing	Conductor, 522.0ftKB	
Comment			
Cmtd w/500 sks G (15.8 ppg, 1.15 cf/sk) Circ 15 bbls to surf.			
Description	Type	String	
Surface Casing Cement	casing	Surface, 3,735.0ftKB	
Comment			
Big 4 Cmtd w/500 sks Lead (11.0 ppg, 3.82 cf/sk) and 200 sks tail (15.8 ppg, 1.15 cf/sk) Circ 50 bbls cmt to surf. Topout w/50 sks G (15.8 ppg, 1.15 cf/sk)			
Description	Type	String	
Production Casing Cement	casing	Production, 8,701.0ftKB	
Comment			
Big 4 Cmtd w/100 sks Premium V Lead (Premium w/16% gel, 10 ppsk gilsonite, 3% salt, 3 ppsk GR-3, 0.25 ppsk flocele @ 11.0 ppg, 3.82 cf/sk) and 540 sks tail (65/35/6, 6% CFL-115, 10% salt, 0.25 ppsk flocele @ 13.0 ppg, 1.85 cf/sk). Did not circ cmt to surf. TOC @ 3,000' via CBL 2/14/07.			
<b>Perforations</b>			
Date	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)
2/15/2007	5,564.0	5,584.0	2.0
2/15/2007	5,664.0	5,670.0	2.0
2/15/2007	8,068.0	8,078.0	1.0
2/15/2007	8,210.0	8,238.0	2.0
2/15/2007	8,272.0	8,298.0	2.0
2/15/2007	8,371.0	8,376.0	1.0
<b>Tubing Strings</b>			
Tubing Description	Run Date	Set Depth (ftKB)	
2 3/8 in tubing		8,350.0	
<b>Tubing Components</b>			
Item Description	Jts	Model	OD (in)
tubing	267		2 3/8
Seat Nipple	1	Integral Jt.	2 3/8
<b>Rods</b>			
Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
<b>Rod Components</b>			
Item Description	Jts	Model	OD (in)
<b>Stimulations &amp; Treatments</b>			
Frac Start Date	Top Perf (ft...)	Bottom Pe...)	V (slurry) (...)
2/15/2007	8272	8376	59,770.0
Comment			
30QN2YF-120, 1.0-4.0 ppg dh sd.			
Frac Start Date	Top Perf (ft...)	Bottom Pe...)	V (slurry) (...)
2/15/2007	8068	8238	81,222.0
Comment			
30QN2YF-120, 1.0-4.0 ppg dh sd.			

PBTD,  
8,648

TD,  
8,707



# XTO - Wellbore Diagram

**Well Name: Riverbend Unit 05-19FX**

API/UWI 43047364350000	E/W Dist (ft) 1,120.0	E/W Ref FWL	N/S Dist (ft) 2,557.0	N/S Ref FNL	Location T10S-R20E-S19	Field Name Natural Buttes	County Uintah	State Utah
Well Configuration Type Vertical	XTO ID B 163866	Orig KB Elev (ft)	Gr Elev (ft) 5,154.00	KB-Grd (ft)	Spud Date 12/27/2006	PBTD (All) (ftKB) Original Hole - 8648.0	Total Depth (ftKB) 8,707.0	Method Of Production Plgr Lift

Well Config: Vertical - Original Hole, 5/15/2009 2:57:22 PM

### Stimulations & Treatments

Schematic - Actual	Incl	ftKB (TVD)	ftKB (MD)	Stimulations & Treatments									
				Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
			0	2/15/2007	5564	5670		57,547.0	37	3,470.0			
			522	Comment 30QN2YF-115, 2,3,4,6 ppg dh sd. Flowed back 2 day and open to sales on 2/18/07 2/20/07- 1191 mcf, 6 oil, 113 str 3/18/07- DO CFPs, pump off 1/2 BRS & bit, EOT@ 8,350, SN@ 8,348'									
			3,000										
			3,735										
			4,300										
			4,653										
			4,804	Top (MD):4,804, Des:Wasatch									
			5,564										
			5,584										
			5,634										
			5,664										
			5,670										
			6,850										
			7,846	Top (MD):7,846, Des:Mesaverde									
			8,068										
			8,078										
			8,210										
			8,238										
			8,272										
			8,298										
			8,348										
			8,350										
			8,371										
			8,376										
			8,648	PBTD, 8,648									
			8,650										
			8,656										
			8,701										
			8,707	TD, 8,707									

<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-013769-A
<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 5-19FX
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047364350000
<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> 2557 FNL 1120 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 19 Township: 10.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 12/3/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

XTO Energy Inc. has returned this well to production per the attached summary report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 07, 2009

<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> 12/7/2009	

**EXECUTIVE SUMMARY REPORT**

11/6/2009 - 12/7/2009  
Report run on 12/7/2009 at 2:04 PM

**Riverbend Unit 05-19FX**

Section 19-10S-20E, Uintah, Utah, Roosevelt

11/30/2009 First report to unhibernate / RWTP. MIRU Key # 6013. ND WH. NU bop. TIH w/ 1 jt' tbg. Latch & release Model C RBP. TOH w/ 121 jt's 2.375'', 4.7#, L-80 eue tbg. LD BP. SWIFN

=====  
12/1/2009 Contd TOH w/147 jts 2.375'', 4.7#, L-80, EUE tbg. LD SN & mule shoe col. TIH w/ 4.75'' bit, 5.5'' csg scr & 259 jts tbg. Tgd 216' sd fill @ 8440'. PBSD @ 8656'. TOH w/88 jts tbg. SWI & SDFN. EOT @ 5600'.  
=====

=====  
12/2/2009 Contd TIH w/88 jts 2.375'' tbg. Tgd 216' sd @ 8440'. PBSD 8656'. RU pwr swivel & AFU. Estab circ ( lhr). CO fill to 8515' ( BRS, 141' fr/ PBSD). Circ cln & TOH w/265 jts 2-3/8" tbg. LD bit & csg scr. SWI & SDFN.  
=====

=====  
12/3/2009 BD well. TIH w/mule shoe col, 2-3/8" SN & 264 jts 2-3/8'', 4.7#, N-80, EUE tbg. Ld on hgr, ND BOP. NU WH. SN @ 8262', EOT @ 8263', WA/MV perms fr/5564' - 8376'. RU swb tls & RIH w/1.91" tbg broach to SN @ 8262'. No ti spots. POH & Ld broach. Pmp 10 bbls TFW, Dropd SV & PT tbg to 2,000 psig w/15 bbls TFW. Tstd gd. Rlsd press, RU & RIH w/fishing tls on sd ln. Retrsv SV. RU & RIH w/swb tls. BFL @ 6,800' FS. S. 16 BLW, 6 runs, 2-1/2 hrs, KO well flwg, FTP 200 psig on 48/48ck. F. 2 hrs. Turn to sales @ 4:00 pm.  
=====

=====  
12/4/2009 Dropd BHBS w/SV and chase to btm w/sbs, seated in SN. POH w/sd ln. RDMO Key Energy # 6013. Turn well to prod dept., begin tst data. The River Bend Unit 5-19FX was TA'd to deepen the River Bend Unit 5-19F as of 7/2/09. XTO # 163666. AFE # 902416. Reactivated 12/03/09 @ 5:00 p.m. SLP 89 psig, IFR 750 MCFPD. This well is on Route #205. XTO meter #RS 1162 RF, Group #10, Address 157, Tap # 3 CDP RS 0931C.