



P.O. Box 164  
Wellington, Utah 84542  
435/637-4075 435/637-4073 Fax

September 10, 2004

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.  
HCU 16-28F, 500' FSL, 600' FEL, SE/4 SE/4  
Section 28, 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.

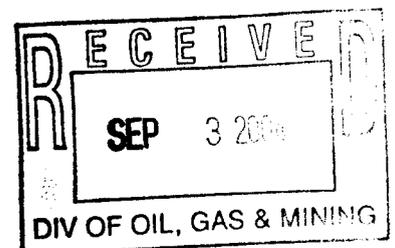
Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

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  
Amanda Mart, Bureau of Indian Affairs  
Carla Christian, Dominion  
Marty Buys, Buys & Associates, Inc.



**FILE COPY**

**CONFIDENTIAL**

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

001

5. LEASE DESIGNATION AND SERIAL NO.

U-28203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

Hill Creek Unit

8. FARM OR LEASE NAME, WELL NO.

HCU 16-28F

9. API WELL NO.

43-047-35939

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLK.

Section 28,  
T10S, R20E, SLB&M

12. COUNTY OR PARISH

Utah

13. STATE

Utah

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

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

500' FSL, 600' FEL 614379X SE/4 SE/4 39.91258

At proposed prod. zone

500' FSL, 600' FEL 4418702Y SE/4 SE/4 -109.66180

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

12.19 miles south of Ouray, Utah

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

500'

16. NO. OF ACRES IN LEASE

1880

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.

1,250'

19. PROPOSED DEPTH

7,900'

20. ROTARY OR CABLE TOOLS

Rotary

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

4,912' GR

22. APPROX. DATE WORK WILL START\*

December 1, 2004

23. PROPOSED CASING AND CEMENTING PROGRAM

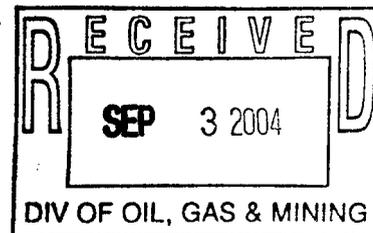
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55 ST&C	32#	2,000'	252 sacks Lead and 219 sacks Tail, 100 sacks Top Out (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	7,900'	160 sacks Lead and 435 sacks Tail (see Drilling Plan)

**Bond Information:**

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

**Other Information:**

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



**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

Federal Approval of this  
Action is Necessary

DATE: 9-16-04  
BY: [Signature]

**CONFIDENTIAL**

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

24. SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion DATE September 10, 2004

(This space for Federal or State office use)

PERMIT NO. 43-047-35939 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 \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

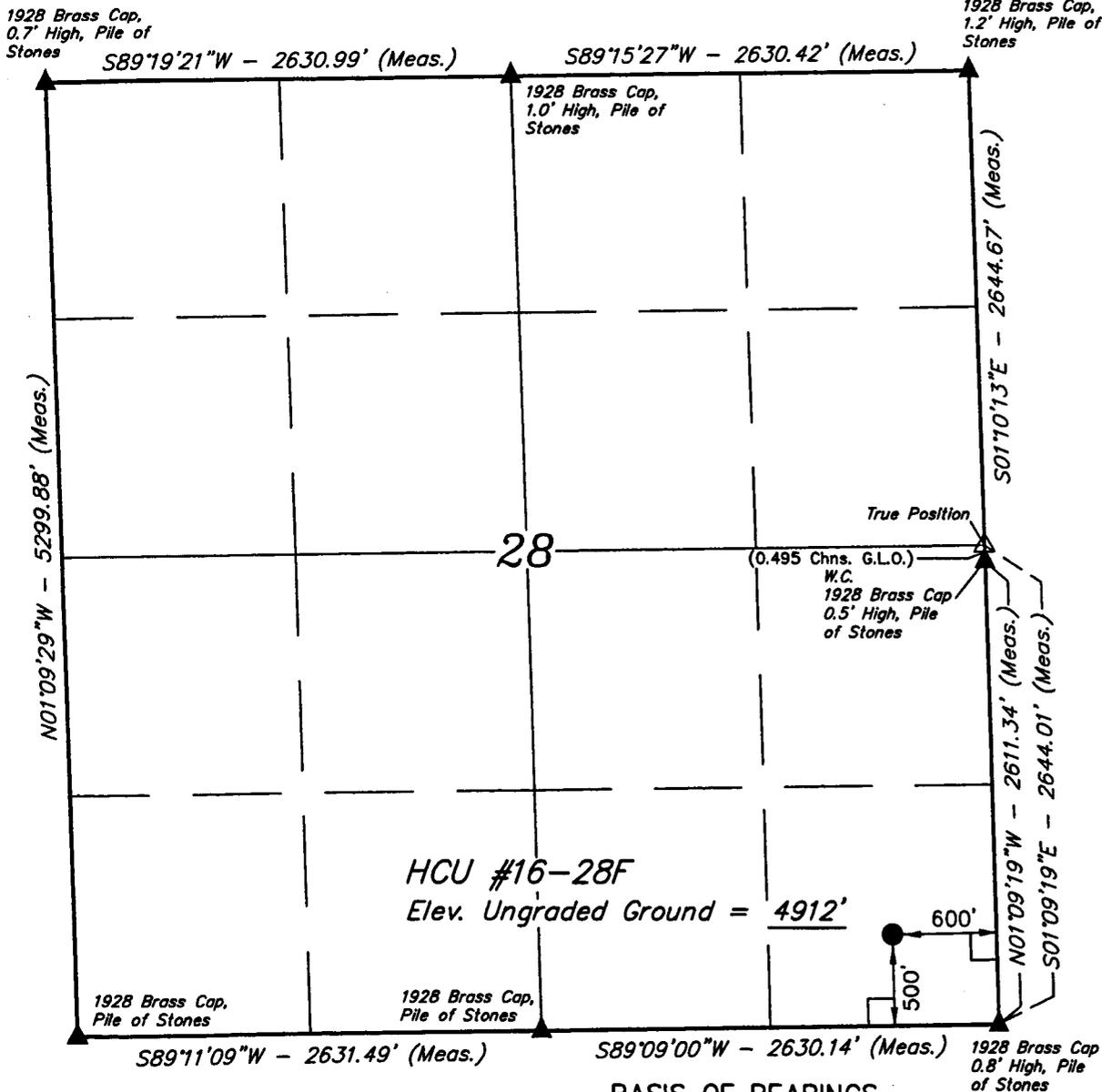
**\*See Instructions On Reverse Side**

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.

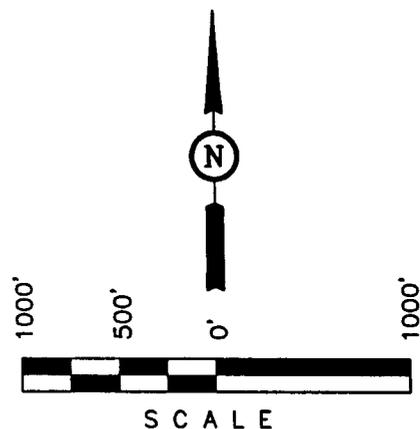
## DOMINION EXPLR. & PROD., INC.

Well location, HCU #16-28F, located as shown in the SE 1/4 SE 1/4 of Section 28, 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.



**CERTIFICATE**  
 REGISTERED LAND SURVEYOR  
 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.  
 ROBERT L. [Signature]  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 8517  
 STATE OF UTAH

### LEGEND:

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

### BASIS OF BEARINGS

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

(NAD 83)  
 LATITUDE = 39°54'45.00" (39.912500)  
 LONGITUDE = 109°39'44.86" (109.662461)

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

SCALE 1" = 1000'	DATE SURVEYED: 4-8-04	DATE DRAWN: 4-23-04
PARTY B.B. T.H. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC	

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

**Attachment for Permit to Drill**

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 16-28F  
500' FSL & 600' FEL  
Section 28-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3.505'
Uteland Limestone	3.845'
Wasatch	3.990'
Chapita Wells	4.865'
Uteland Buttes	6.080'
Mesaverde	6.880'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3.505'	Oil
Uteland Limestone	3.845'	Oil
Wasatch	3.990'	Gas
Chapita Wells	4.865'	Gas
Uteland Buttes	6.080'	Gas
Mesaverde	6.880'	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'	7.900'	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 drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' - 7,900'	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 H2S gas.

**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 20 East

**12. CEMENT SYSTEMS**

**a. Surface Cement:**

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

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

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

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

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

**c. Production Casing Cement:**

- Drill 7-7/8" hole to 7,900'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-7,900'	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: December 1, 2004  
 Duration: 14 Days

**SURFACE USE PLAN**  
**CONDITIONS OF APPROVAL**

*Attachment for Permit to Drill*

<b>Name of Operator:</b>	Dominion Exploration & Production
<b>Address:</b>	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
<b>Well Location:</b>	HCU 16-28F 500' FSL & 600' FEL Section 28-10S-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 Wednesday, August 18, 2004 at approximately 11:45 am. In attendance at the onsite inspection were the following individuals:

Jon Bingham	Foreman	Dominion E & P, Inc.
Greg Darlington	Environmental Scientist	BLM – Vernal Field Office
Dustin Nephi	Oil and Gas Technician	Energy and Minerals
Kim Fritz	Environmental Protection Spec.	Uintah & Ouray Agency - BIA
Robert Kay	Professional Engineer	Uintah Engineering and Land Surveying
Harley Jackson	Foreman	Jackson Construction
Max Jensen	Foreman	LaRose Construction
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. The proposed well site is located approximately 12.19 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek 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 federal unit boundary.

2. Planned Access Roads:

- a. From the existing gravel surfaced, Dominion maintained road an access is proposed trending west approximately 150' to the proposed well site. The access consists of entirely new disturbance and crosses no drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. Proposed access will utilize entirely Ute Indian Tribe lands in which a right-of-way is being approved at this time. BLM approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 150' long and adequate site distance exists in all directions.
- f. No culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:

i. Water wells	None
ii. Injection wells	None
iii. Disposal wells	None
iv. Drilling wells	None
v. Temp. shut-in wells	1
vi. Producing wells	6
vii. Abandon wells	0

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

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation.

Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the east side of the well site and traverse 100' east to the existing 4" pipeline corridor that services the HCU 1-33F.
- i. The gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 100' 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 south 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 east.
- c. The pad and road designs are consistent with BLM and Tribal specification
- d. A pre-construction meeting with responsible company representative, contractors, Tribal Representatives and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On 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 BIA. The BIA recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.

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: 9-10-04

**DOMINION EXPLR. & PROD., INC.**  
**HCU #16-28F**  
**SECTION 28, 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 5.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 150' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 45.3 MILES.

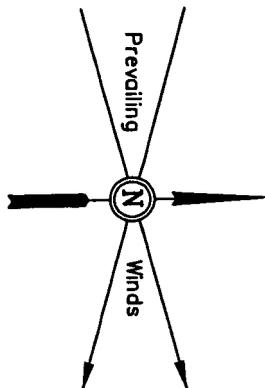
# DOMINION EXPLR. & PROD., INC.

## LOCATION LAYOUT FOR

HCU #16-28F

SECTION 28, T10S, R20E, S.L.B.&M.

500' FSL 600' FEL



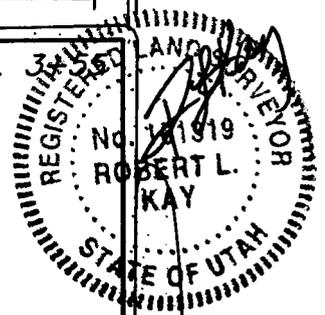
SCALE: 1" = 50'  
DATE: 4-23-04  
Drawn By: C.G.

Approx. Toe of Fill Slope

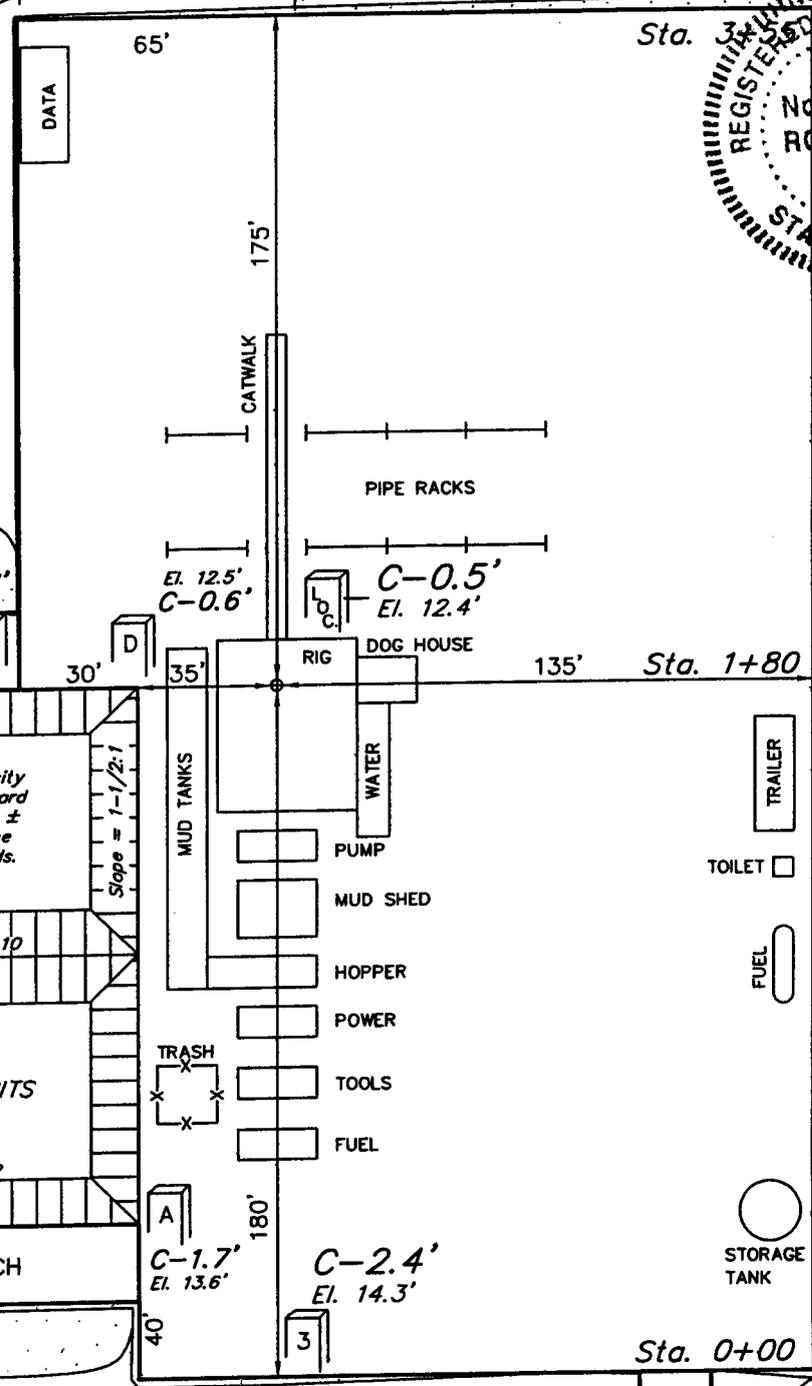
F-1.4'  
El. 10.5'

C-0.5'  
El. 12.4'

F-0.3'  
El. 11.6'



Construct Diversion Ditch



El. 13.4'  
C-9.5'  
(btm. pit)

FLARE PIT  
El. 12.6'  
C-0.7'

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. 14.1'  
C-10.2'  
(btm. pit)

Approx. Top of Cut Slope

C-2.4'  
El. 14.3'

Proposed Access Road

C-2.4'  
El. 14.3'

Elev. Ungraded Ground at Location Stake = 4912.4'  
Elev. Graded Ground at Location Stake = 4911.9'

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

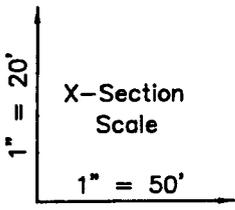
**DOMINION EXPLR. & PROD., INC.**

**TYPICAL CROSS SECTIONS FOR**

HCU #16-28F

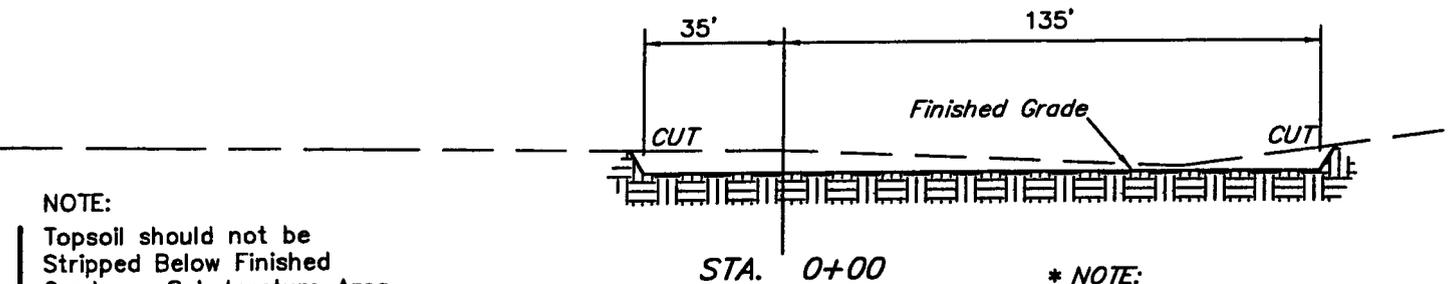
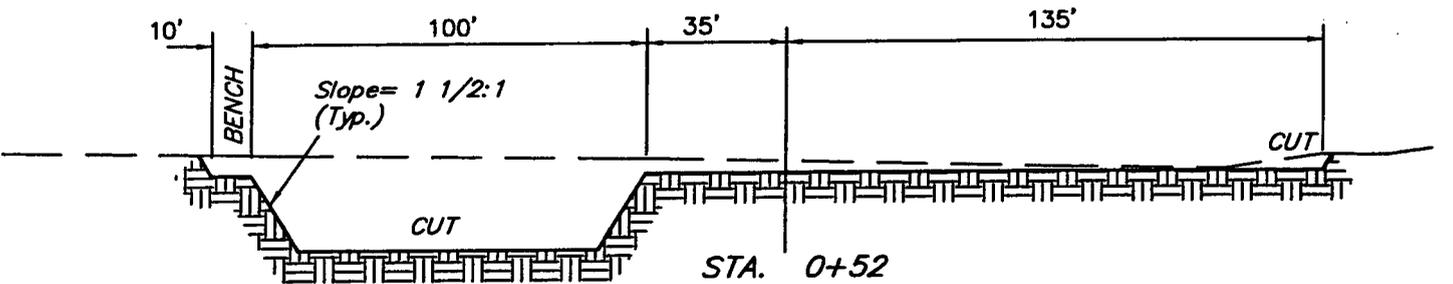
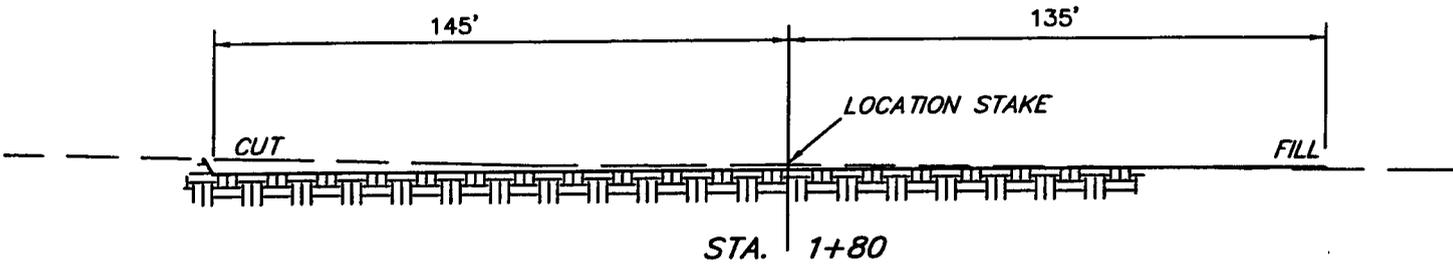
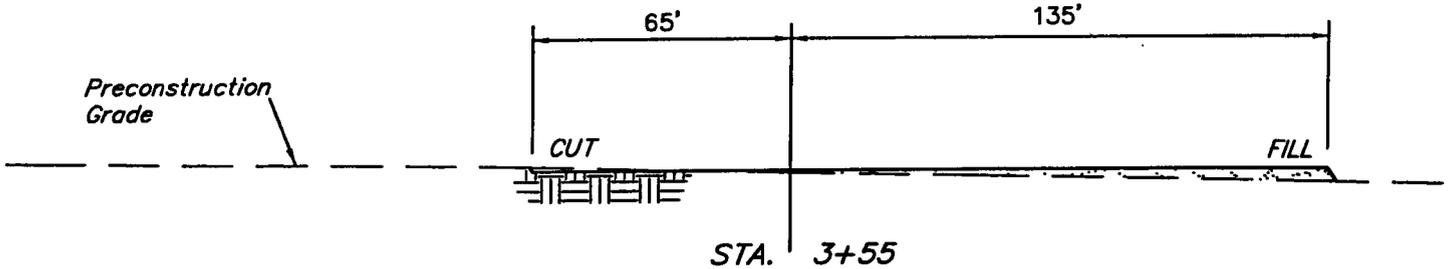
SECTION 28, T10S, R20E, S.L.B.&M.

500' FSL 600' FEL



DATE: 4-23-04

Drawn By: C.G.



**NOTE:**

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

**\* NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

**CUT**

(12") Topsoil Stripping = 3,280 Cu. Yds.

Remaining Location = 3,620 Cu. Yds.

**TOTAL CUT = 6,900 CU.YDS.**

**FILL = 2,060 CU.YDS.**

EXCESS MATERIAL = 4,840 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 4,840 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

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

# DOMINION EXPLR. & PROD., INC.

HCU #16-28F

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 28, T10S, R20E, S.1.B.&M.

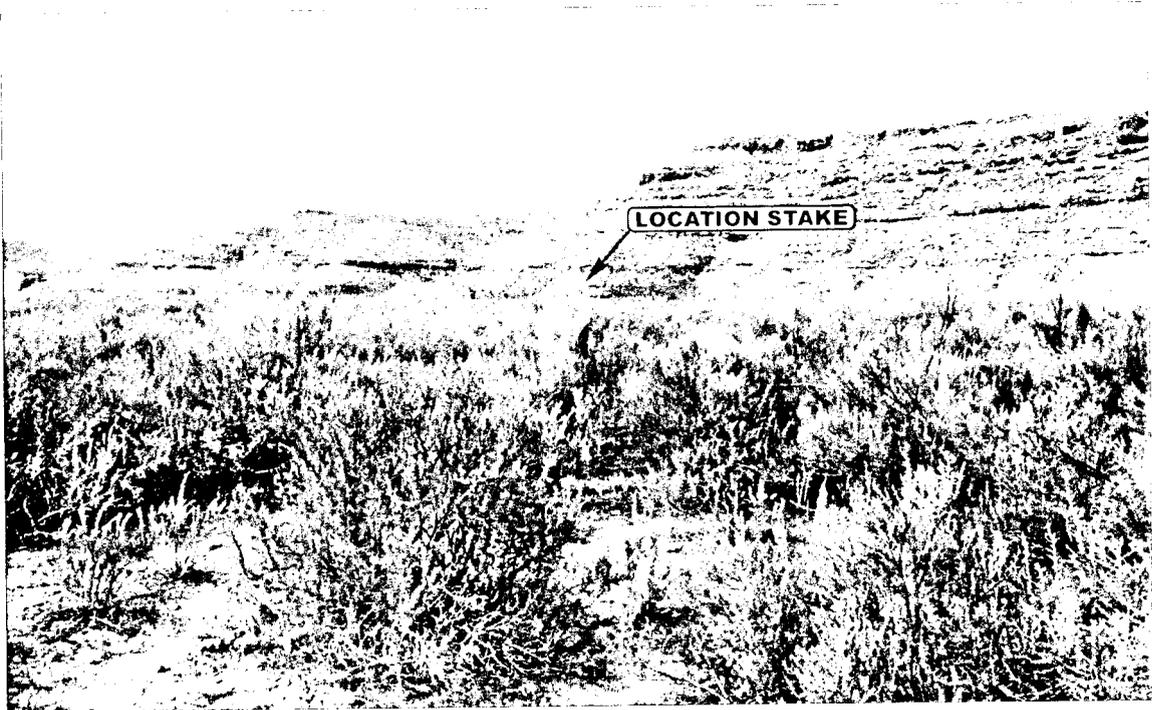


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

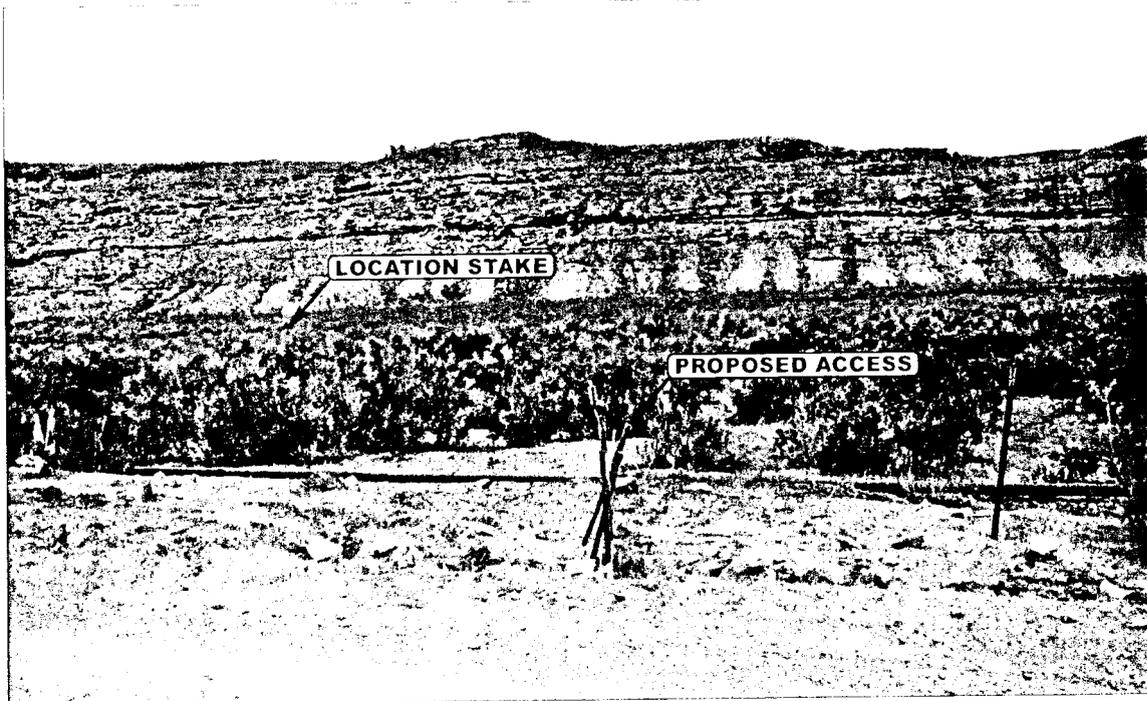


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

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

LOCATION PHOTOS

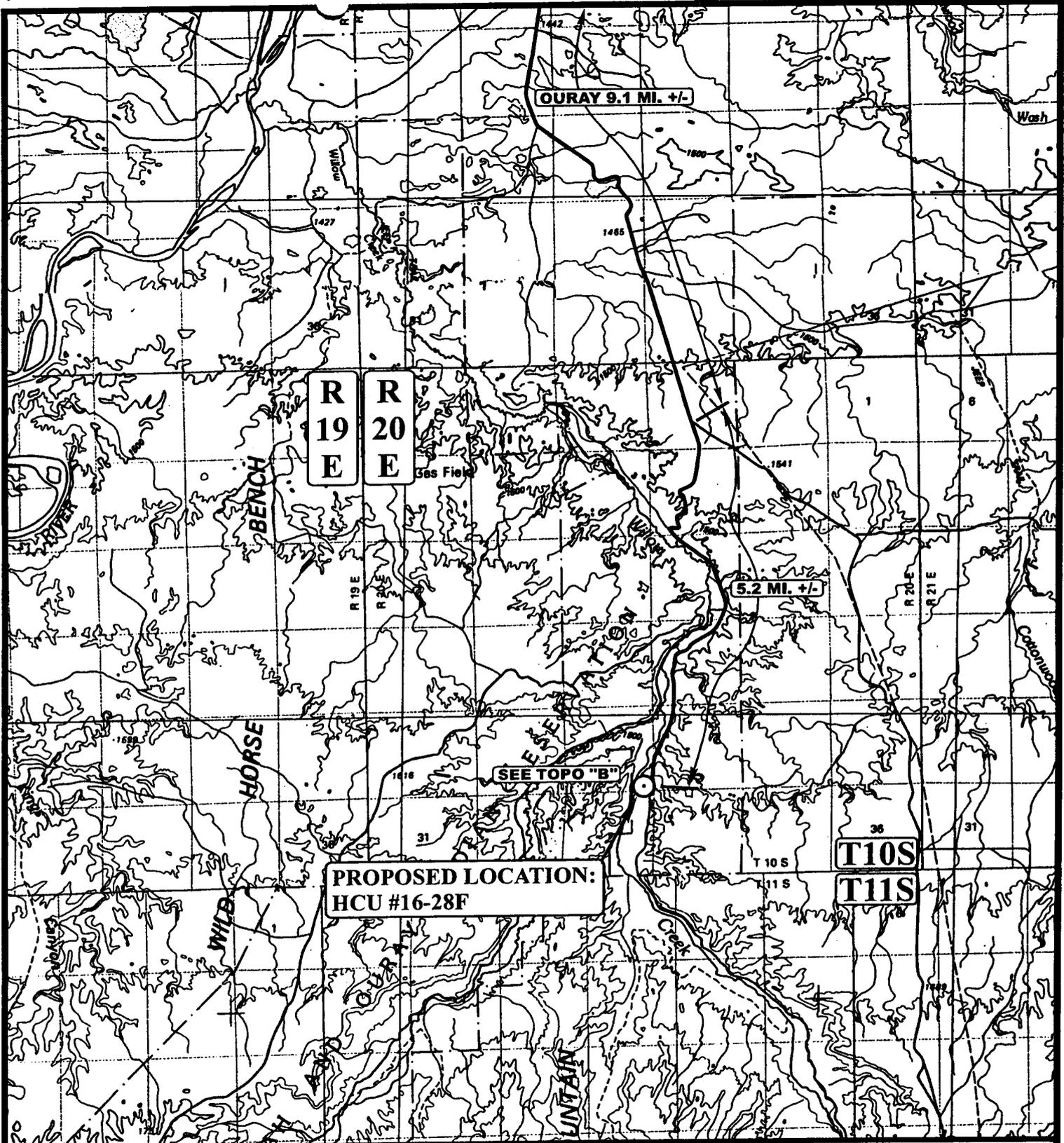
06 28 04  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: P.M.

REVISED: 00-00-00



**LEGEND:**

○ PROPOSED LOCATION



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

HCU #16-28F  
SECTION 28, T10S, R20E, S.L.B.&M.  
500' FSL 600' FEL



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

TOPOGRAPHIC MAP  
06 28 04  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00



R  
20  
E

SEEP RIDGE ROAD 5.2 MI. +/-  
OURAY 14.3 MI. +/-

PROPOSED ACCESS 150' +/-

PROPOSED LOCATION:  
HCU #16-28F

T10S  
T11S

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



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

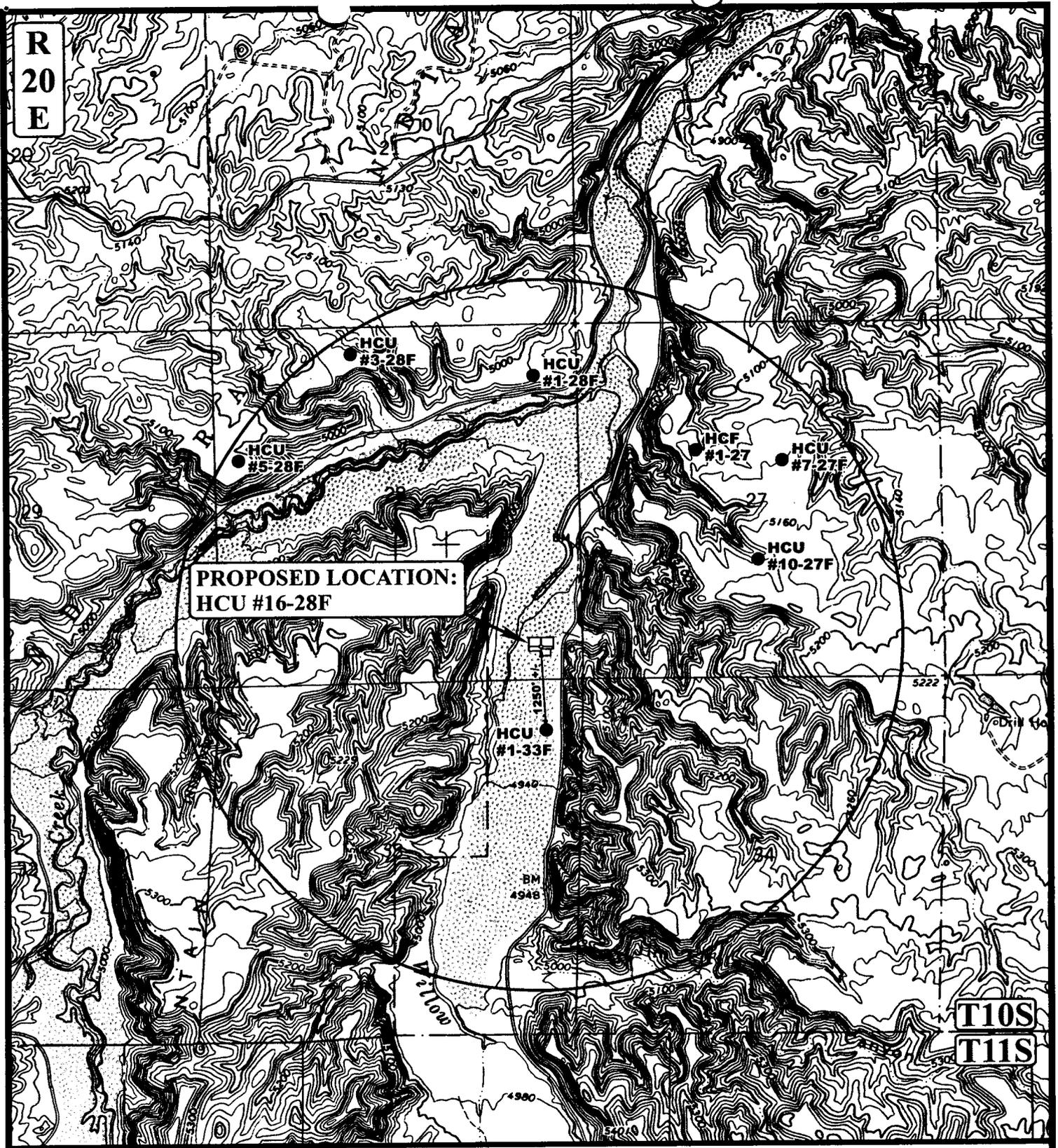
HCU #16-28F  
SECTION 28, T10S, R20E, S.L.B.&M.  
500' FSL 600' FEL



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

TOPOGRAPHIC			06	28	04
MAP			MONTH	DAY	YEAR
SCALE: 1" = 2000'		DRAWN BY: P.M.		REVISED: 00-00-00	





**PROPOSED LOCATION:  
HCU #16-28F**

**LEGEND:**

- ∅ DISPOSAL WELLS
- PRODUCING WELLS
- ⬇ SHUT IN WELLS
- ♂ WATER WELLS
- ⬇ ABANDONED WELLS
- TEMPORARILY ABANDONED

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

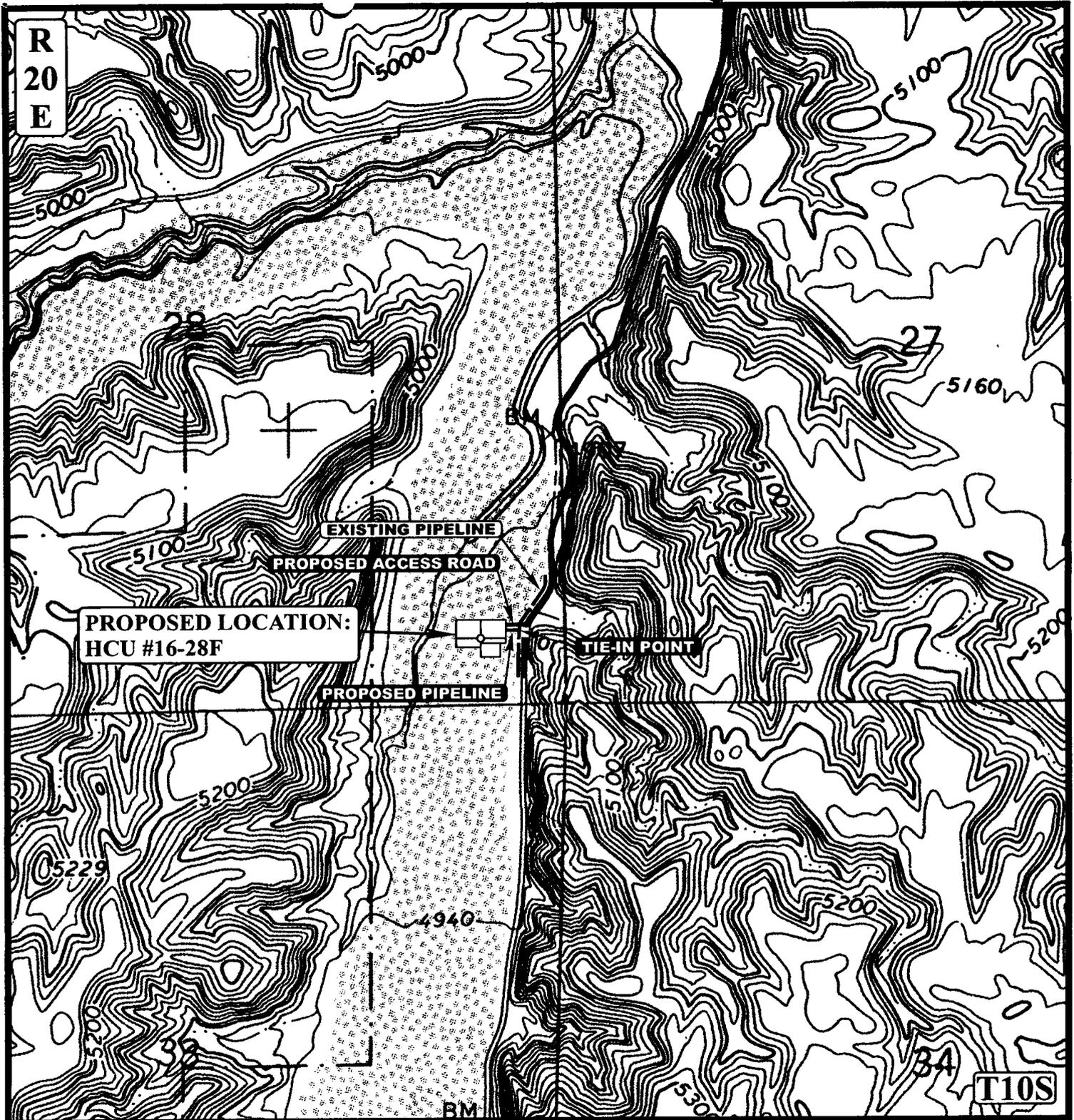
**HCU #16-28F  
SECTION 28, T10S, R20E, S.L.B.&M.  
500' FSL 600' FEL**

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



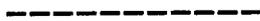
**TOPOGRAPHIC** 06 28 04  
**M A P** MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 100' +/-

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

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

HCU #16-28F  
SECTION 28, T10S, R20E, S.L.B.&M.  
500' FSL 600' FEL



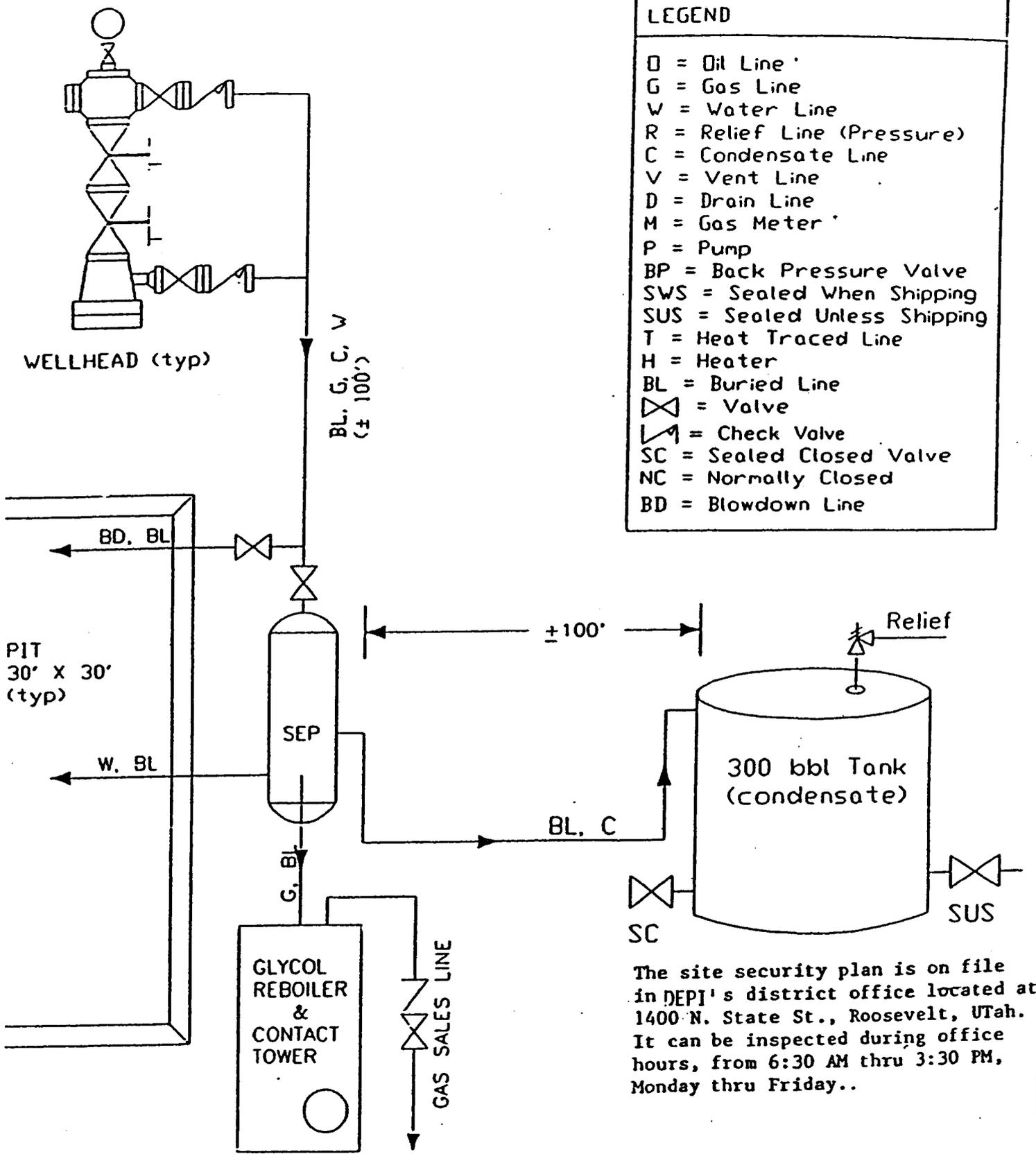
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC MAP  
06 28 04  
MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00

**D**  
TOPO

CONFIDENTIAL



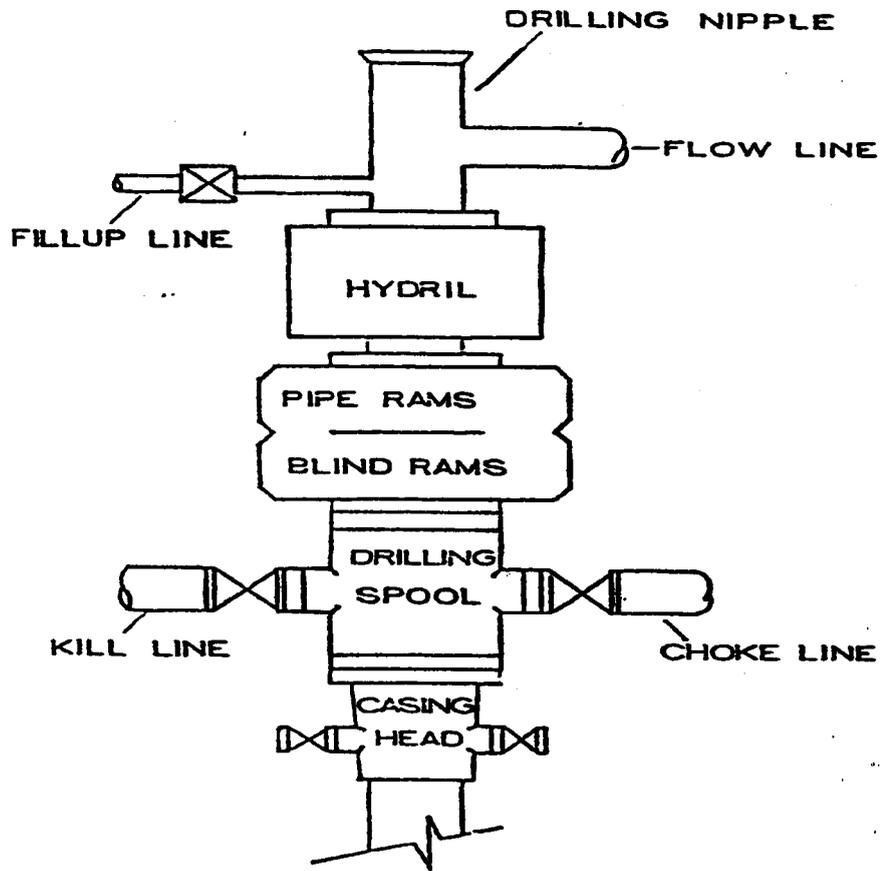
- LEGEND**
- D = Oil Line
  - G = Gas Line
  - W = Water Line
  - R = Relief Line (Pressure)
  - C = Condensate Line
  - V = Vent Line
  - D = Drain Line
  - M = Gas Meter
  - P = Pump
  - BP = Back Pressure Valve
  - SWS = Sealed When Shipping
  - SUS = Sealed Unless Shipping
  - T = Heat Traced Line
  - 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..

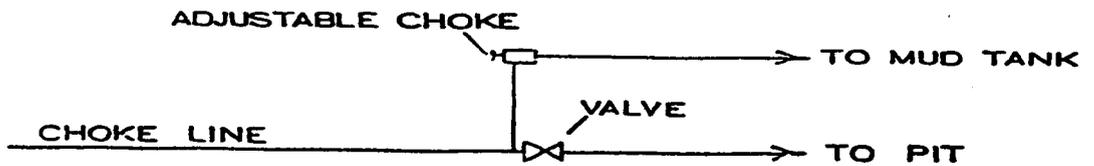
DOMINION EXPLORATION & PRODUCTION, INC.

1:		not to scale
FLOWISEP	TYPICAL FLOW DIAGRAM	date: / /

# BOP STACK



# CHOKER MANIFOLD



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/13/2004

API NO. ASSIGNED: 43-047-35939

WELL NAME: HCU 16-28F  
OPERATOR: DOMINION EXPL & PROD ( N1095 )  
CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SESE 28 100S 200E  
SURFACE: 0500 FSL 0600 FEL  
BOTTOM: 0500 FSL 0600 FEL  
UINTAH  
NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: U-28203  
SURFACE OWNER: 2 - Indian  
PROPOSED FORMATION: MVRD  
COALBED METHANE WELL? NO

LATITUDE: 39.91258  
LONGITUDE: -109.6618

RECEIVED AND/OR REVIEWED:

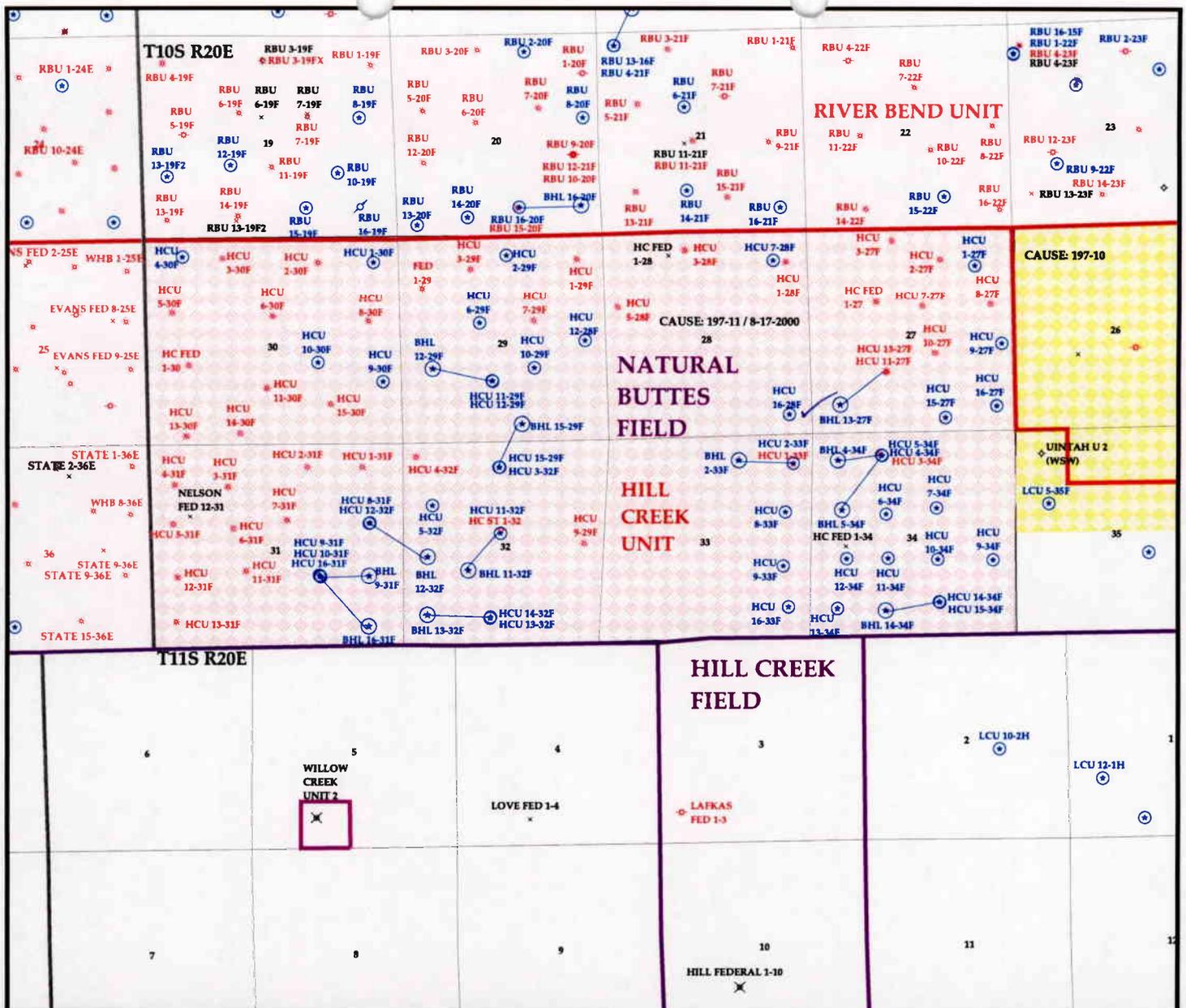
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 76S630500330 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10447 )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

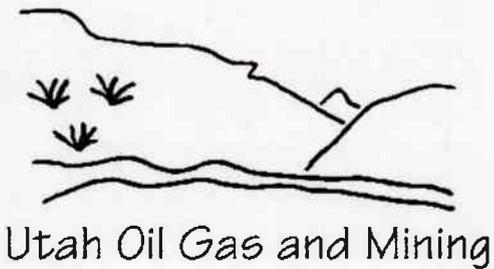
- R649-2-3.
- Unit HILL CREEK
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 197-11  
Eff Date: 8-17-00  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

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

STIPULATIONS: 1- Federal Approval



**OPERATOR: DOMINION EXPL & PROD (N1095)**  
**SEC. 28 T.10S R.20E**  
**FIELD: NATURAL BUTTES (630)**  
**COUNTY: UINTAH**  
**CAUSE: 197-11 / 8-17-2000**



- |  |   |   |
|--|---|---|
| <b>Wells</b><br><ul style="list-style-type: none"> <li>⊕ GAS INJECTION</li> <li>⊙ GAS STORAGE</li> <li>× LOCATION ABANDONED</li> <li>⊕ NEW LOCATION</li> <li>⊙ PLUGGED &amp; ABANDONED</li> <li>* PRODUCING GAS</li> <li>● PRODUCING OIL</li> <li>⊕ SHUT-IN GAS</li> <li>⊙ SHUT-IN OIL</li> <li>× TEMP. ABANDONED</li> <li>○ TEST WELL</li> <li>▲ WATER INJECTION</li> <li>◆ WATER SUPPLY</li> <li>♠ WATER DISPOSAL</li> </ul> | <b>Units.shp</b><br><ul style="list-style-type: none"> <li>□ EXPLORATORY</li> <li>□ GAS STORAGE</li> <li>□ NF PP OIL</li> <li>□ NF SECONDARY</li> <li>□ PENDING</li> <li>□ PI OIL</li> <li>□ PP GAS</li> <li>□ PP GEOTHERML</li> <li>□ PP OIL</li> <li>□ SECONDARY</li> <li>□ TERMINATED</li> </ul> | <b>Fields.shp</b><br><ul style="list-style-type: none"> <li>□ ABANDONED</li> <li>□ ACTIVE</li> <li>□ COMBINED</li> <li>□ INACTIVE</li> <li>□ PROPOSED</li> <li>□ STORAGE</li> <li>□ TERMINATED</li> </ul> |
|--|---|---|



PREPARED BY: DIANA WHITNEY  
 DATE: 15-SEPTEMBER-2004

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160

(UT-922)

September 15, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District  
 From: Michael Coulthard, Petroleum Engineer  
 Subject: 2004 Plan of Development Hill Creek 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 2004 within the Hill Creek Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-35934	HCU 8-31F Sec 31	T10S R20E 2099 FNL 0870 FEL
43-047-35935	HCU 10-31F Sec 31	T10S R20E 1814 FSL 2186 FEL
43-047-35939	HCU 16-28F Sec 28	T10S R20E 0500 FSL 0600 FEL
43-047-35940	HCU 6-34F Sec 34	T10S R20E 2100 FNL 1900 FWL
43-047-35936	HCU 9-31F Sec 31	T10S R20E 1799 FSL 2167 FEL
	BHL Sec 31	T10S R20E 1800 FSL 0900 FEL
43-047-35937	HCU 16-31F Sec 31	T10S R20E 1783 FSL 2148 FEL
	BHL Sec 31	T10S R20E 0500 FSL 0900 FEL
43-047-35938	HCU 15-29F Sec 32	T10S R20E 0622 FNL 2483 FWL
	BHL Sec 29	T10S R20E 0400 FSL 2250 FEL

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

/s/ Michael L. Coulthard



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

September 16, 2004

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

Re: Hill Creek Unit 16-28F Well, 500' FSL, 600' FEL, SE SE, Sec. 28,  
T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35939.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

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



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

**006**

**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>14-20-H62-4781</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>Ute Indian Tribe</b>	
2. NAME OF OPERATOR <b>Dominion Exploration &amp; Production, Inc.</b>		7. UNIT AGREEMENT NAME <b>Hill Creek 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>HCU 16-28F</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface <b>500' FSL, 600' FEL SE/4 SE/4</b> At proposed prod. zone <b>500' FSL, 600' FEL SE/4 SE/4</b>		9. API WELL NO. <b>43-047-25939</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>12.19 miles south 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>500'</b>		11. SEC. T., R., M., OR BLK. <b>Section 28, T10S, R20E, SLB&amp;M</b>	
16. NO. OF ACRES IN LEASE <b>1880</b>		12. COUNTY OR PARISH <b>Uintah</b>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 acres</b>		13. STATE <b>Utah</b>	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1,250'</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4,912' GR</b>		22. APPROX. DATE WORK WILL START* <b>December 1, 2004</b>	

OIL & GAS  
SEP 13 2004

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 sacks Lead and 219 sacks Tail, 100 sacks Top Out (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	7,900'	160 sacks Lead and 435 sacks Tail (see Drilling Plan)

**Bond Information:**

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

**Other Information:**

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

RECEIVED  
JAN 19 2005  
DIV. OF OIL, GAS & MINING

**ORIGINAL  
CONFIDENTIAL**

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

24. SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion DATE September 10, 2004

(This space for Federal or State office use)

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

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

APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 01/11/2005

**\*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

NOTICE OF APPROVAL

04761761A UDDGM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion E&P Inc.  
Well Name & Number: Hill Creek Unit 16-28F  
API Number: 43-047-35939  
Lease Number: 1420-H62-4781  
Location: SESE Sec. 28 T.10S R. 20E  
Agreement: Hill Creek Unit

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

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend at least 200' above the top of the fresh water identified at  $\pm 5000'$ .

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the top of cement or the surface casing shoe which ever is lower.

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

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

6. Notifications of Operations

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

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

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

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

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

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

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

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

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

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

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

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

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

Dominion Exploration and Production, Inc. (Dominion) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All Dominion personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

Dominion employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

Dominion employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

Dominion will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). Dominion shall receive written notification of authorization or denial of the requested modification. Without authorization, Dominion will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. Dominion shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline.

At the Hill Creek Unit 16-28F well, a corridor ROW, 60 feet wide and 76 feet long, shall be granted for the pipeline and for the new access road.

At the Hill Creek Unit 6-34F well, a corridor ROW, 60 feet wide and 1184 feet long, shall be granted for the pipeline and for the new access road.

At the Hill Creek Unit well pad shared by the Hill Creek Unit 9-31F, 10-31F and 16-31F wells, a corridor ROW, 60 feet wide and 53 feet long, shall be granted for the pipelines and for the new access road.

The constructed, travel width of the access roads will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROWs may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

Culverts and diversion ditches will be placed and constructed where needed. Road base gravel will be used where sandy soils make roadways and the drilling location hazardous for access or drilling operations.

Upon completion of the pertinent APD and ROWs, Dominion will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

Dominion will implement "Safety and Emergency Plan" and ensure plan compliance.

Dominion shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

Dominion employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

Dominion will control noxious weeds on the well site and ROWs. Dominion will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled, to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The pipeline portion of the ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads. They shall be pulled into place and assembled with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Buried pipelines shall be buried a minimum of 3 feet below the soil surface. After construction is completed the disturbed area shall be contoured to blend into the natural landscape and be reseeded between September 15 and November 1 of the year following construction with perennial vegetation seed mixture provided by the BIA or Ute Tribe.

Before the site is abandoned, Dominion will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeding all disturbed areas.

007

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) 749-1300

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-35939	HCU 16-28F		SESE	28	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>AB</i>	<i>99999</i>	<i>13829</i>	4/21/2005			<i>5/5/05</i>	
Comments: <i>mVRD = WSMVD</i>						<b>CONFIDENTIAL</b>	

Well 2

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

Well 3

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

ACTION CODES:

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

Carla Christian

Name (Please Print)

*Carla Christian*

Signature

Regulatory Specialist

4/25/2005

Date

RECEIVED

APR 29 2005

(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.**

008

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 1420-H62-4781
2. Name of Operator DOMINION EXPLORATION & PRODUCTION, INC.		6. If Indian, Allottee or Tribe Name
3a. Address Suite 600 14000 QUAIL SPGS PKWY, OKLA CITY, OK 73134	3b. Phone No. (include area code) 405-749-1300	7. If Unit or CA/Agreement, Name and/or No. Hill Creek Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 500' FSL & 600' FEL, (SE SE) Sec. 28-10S-20E		8. Well Name and No. HCU 16-28F
		9. API Well No. 43-047-35939
		10. Field and Pool, or Exploratory Area Natural Buttes
		11. County or Parish, State Uintah

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 Drilling Operations

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

Spud well 4/21/05. 4/24/05 ran 52 jts. 8 5/8", H-40, ST&C, 32# csg., set @ 2218'. Cemented lead w/250 sks HiFill, 11.0 ppg, 3.82 yld., tailed w/250 sks G, 15.6 ppg, 1.18 yld. No returns. Pump 250 sks thru 200' of 1" pipe, mixed @ 15.6 ppg, 1.18 yld. 5 bbls cmt. to surface.

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

Carla Christian

Title Regulatory Specialist

Signature

*Carla Christian*

Date 5/04/2005

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.

RECEIVED

MAY 09 2005

DIV. OF OIL, GAS & MINING



# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 16-28F *T105 R 20E S 28* *43-047-35939*

Pages including cover page: 5

Date : 6/9/2005

Time : 3:36:32 PM

E-mail Address: Terri\_R\_Potter@dom.com  
 Phone Number: (405) 749-5256

RECEIVED

JUN 09 2005

UTAH DIV OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 16-28F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 500' FSL 600' FEL SEC 28 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 1.00 AFE # : 0501227

API # : 43-047-35939

PLAN DEPTH : 8,100 SPUD DATE : 04/21/05

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$540,087.50

EVENT CC : \$148,093.00

EVENT TC : \$688,180.50

WELL TOTL COST : \$790,690

**REPORT DATE: 04/25/05** MD: 2,250 TVD: 2,250 DAYS: MW: VISC:  
 DAILY : DC : \$110,491.00 CC : \$0.00 TC : \$110,491.00 CUM : DC : \$110,491.00 CC : \$0.00 TC : \$110,491.00  
 DAILY DETAILS : MIRU BILL JRS # 6. SPUD WELL ON 4/21/2005 @ 9:00 PM. DRILL 2250' OF 12.25" HOLE. RUN 52 JT'S 8.625" H-40 32#, SET @ 2218' CEMENT W/ 250 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD. THEN 250 SKS TAIL MIXED @ 15.6 PPG & 1.18 YLD. HAD NO RETURNS THRU OUT JOB. WAIT 5 HRS. PUMP 250 SKS TAIL CEMENT THRU 200' OF 1" PIPE MIXED @ 15.6 PPG & 1.18 YLD W/ 5 BBLs CEMENT TO PIT.

**REPORT DATE: 05/28/05** MD: 2,250 TVD: 2,250 DAYS: 1 MW: VISC:  
 DAILY : DC : \$22,600.00 CC : \$0.00 TC : \$22,600.00 CUM : DC : \$133,091.00 CC : \$0.00 TC : \$133,091.00  
 DAILY DETAILS : MIRU TEST BOPE PU BHA AND DP

**REPORT DATE: 05/27/05** MD: 3,212 TVD: 3,212 DAYS: 2 MW: 8.4 VISC: 26  
 DAILY : DC : \$0.00 CC : \$0.00 TC : \$0.00 CUM : DC : \$133,091.00 CC : \$0.00 TC : \$133,091.00  
 DAILY DETAILS : RU FLOOR PU BHA AND DP DRLG CEMENT, FLT AND SHOE TO 2258' FIT 140 PSI 30 MIN DRLG F/ 2258 TO 2290 SURVEY @ 2247 MIS RUN DRLG F/ 2290 TO 2322 SURVEY @ 2247 2 DEG DRLG F/ 2322 TO 2799 SURVEY @ 2719 1.75 DEG DRLG F/ 2799 TO 3212

**REPORT DATE: 05/28/05** MD: 2,250 TVD: 2,250 DAYS: 2 MW: 8.4 VISC: 26  
 DAILY : DC : \$35,911.00 CC : \$0.00 TC : \$35,911.00 CUM : DC : \$169,002.00 CC : \$0.00 TC : \$169,002.00  
 DAILY DETAILS : DRLG F/ 3212 TO 3876 SURVEY @ 3796 1.75 DEG DRLG F/ 3876 TO 4890

**REPORT DATE: 05/29/05** MD: 6,159 TVD: 6,159 DAYS: 3 MW: 9.3 VISC: 27  
 DAILY : DC : \$37,641.42 CC : \$0.00 TC : \$37,641.42 CUM : DC : \$206,643.42 CC : \$0.00 TC : \$206,643.42  
 DAILY DETAILS : SURVEY @ 4810 1.75 DRLG F/ 4890 TO 5554 WORK ON PUMP DRLG F/ 5554 TO 6032 SURVEY @ 5952 2 DEG DRLG F/ 6032 TO 6159

**REPORT DATE: 05/30/05** MD: 7,175 TVD: 7,175 DAYS: 4 MW: 9 VISC: 27  
 DAILY : DC : \$26,524.55 CC : \$0.00 TC : \$26,524.55 CUM : DC : \$233,167.97 CC : \$0.00 TC : \$233,167.97  
 DAILY DETAILS : DRLG F/ 6159 TO 6541 RIG SERVICE DRLG F/ 6541 TO 6985 SURVEY @ 6905 1.75 DEG 1/2" FLOW DRLG F/ 6985 TO 7175

**REPORT DATE: 05/31/05** MD: 7,850 TVD: 7,850 DAYS: 5 MW: 9.4 VISC: 27  
 DAILY : DC : \$76,024.55 CC : \$0.00 TC : \$76,024.55 CUM : DC : \$309,192.52 CC : \$0.00 TC : \$309,192.52  
 DAILY DETAILS : DRLG F/ 7175 TO 7589 RIG SERVICE DRLG F/ 7589 TO 7837 CHG FILL VALVE DRLG F/ 7837 TO 7850 CIRC F/ LOGS

**REPORT DATE: 06/01/05** MD: 7,850 TVD: 7,850 DAYS: 6 MW: 9.4 VISC: 27  
 DAILY : DC : \$62,820.55 CC : \$0.00 TC : \$62,820.55 CUM : DC : \$372,013.07 CC : \$0.00 TC : \$372,013.07  
 DAILY DETAILS : TOOHLD MM AND PDC TIH CIRC F/ LOGS TOOHLD F/ LOGS LOGGING TO 7854 TIH W/ BHA CUT DRLG LINE TIH DRLG F/ 7850 TO 7870

RECEIVED

JUN 09 2005



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

<b>WELL NAME : HCU 16-28F</b>			Event No: 1		
DISTRICT : WESTERN		FIELD : NATURAL BUTTES 630	LOCATION : 500' FSL 600' FEL SEC 28 T 10S R 20E		
COUNTY & STATE : UINTAH		UT	CONTRACTOR :		
WM % : 1.00	AFE # : 0501227	API # : 43-047-35939	PLAN DEPTH : 8,100	SPUD DATE : 04/21/05	
DHC : \$401,500	CWC : \$563,500	AFE TOTAL : \$965,000	FORMATION : WASATCH/MESAVERDE		
EVENT DC : \$540,087.50	EVENT CC : \$148,093.00	EVENT TC : \$688,180.50	WELL TOTL COST : \$790,690		

REPORT DATE: 06/02/05 MD: 7,870 TVD: 7,870 DAYS: 7 MW: 10.3 VISC: 46  
 DAILY: DC: \$168,074.43 CC: \$0.00 TC: \$168,074.43 CUM: DC: \$540,087.50 CC: \$0.00 TC: \$540,087.50

DAILY DETAILS: CIRC F/ TOOH LD DP AND BHA RU CSG CREW RUN 184 JTS OF 5 1/2 M-80 17# LT&C 8RD CSG TO 7858' FLOAT COLLAR @ 7825' RU CEMENTERS  
 CEMENT W/ 80 SKS OF HIFILL V W/ 16% GEL, .6% EX-1, 3% SALT.25#/SK FLOCELE, 10#/SK GILSONITE, 11.6 PPG, 3.12 CUFT/SK, 17.83 GAL WATER/SK, FOLLOWED BY 600 SKS OF HLC V W/ 65% CEMENT, 35% POZ, 6% GEL, 3% KCL, 1% EX-1, .6% HALAD-322, .2% HR-5, 13 PPG, 1.69 CUFT/SK, 8.81 GAL WATER/SK, DISP W/ 181.3 BBLS KCL, BUMPED PLUG W/ 1500 PSI, FLOATS HELD, NO CEMENT TO SURFACE ND BOPE AND CLEAN PITS RIG RELEASED @ 00:30 5-2-2005 RIG DOWN

REPORT DATE: 06/03/05 MD: 7,870 TVD: 0 DAYS: 1 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$17,450.00 TC: \$17,450.00 CUM: DC: \$540,087.50 CC: \$17,450.00 TC: \$557,537.50

DAILY DETAILS: MIRU SCHLUMBERGER WIRE LINE, AND ACTION HOT OIL SERVICE. RIH TO LOG WELL, AND HUNG LOGGING TOOLS UP @ 7740.4' KB, UNABLE TO FREE TOOLS. PULLED OUT OF ROPE SOCKET, LEAVING TOOLS @ 7740.4' KB, AND POOH W/ WIRE LINE. RIH W/ WEATHERFORD WIRE LINE SET/TBG RETRIEVABLE BRIDGE PLUG, SET @ 7700' KB, SPOTTED 10 GALLONS OF SAND (200#S), AND 1-1/2 SKS OF CMT ON TOP OF PLUG. RIH AND PERFORATE STAGE #1. SHUT WELL IN, AND WAIT ON FRAC DATE.

RECEIVED

JUN 09 2005

DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 16-28F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 500' FSL 600' FEL SEC 28 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 1.00 AFE # : 0501227

API # : 43-047-35939

PLAN DEPTH : 8,100 SPUD DATE : 04/21/05

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$540,087.50

EVENT CC : \$148,093.00

EVENT TC : \$688,180.50

WELL TOTL COST : \$790,690

REPORT DATE: 06/04/05

MD: 7,870

TVD: 0

DAYS: 2

MW:

VISC:

DAILY : DC : \$0.00

CC : \$127,643.00

TC : \$127,643.00

CUM : DC : \$540,087.50

CC : \$145,093.00

TC : \$685,180.50

DAILY DETAILS : FRAC STAGE #1, PERFORATE AND FRAC STAGES #2 AND #3. TURN WELL OVER TO PRODUCTION.

06-03-2005 HCU 16-28F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval #1, 7514-21, 7563-66', 6 spf, 62 holes, with 47,121# 20/40 Ottawa sand. Pumped frac at an average rate of 30.9 bpm, using 181.4 mscf of N2 and 465.2 bbls of fluid. Average surface treating pressure was 4288 psi with sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

3486 gallons Pad YF120ST/N2 gel.

1432 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

1413 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

1765 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

1765 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

2336 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7341 gallons WF110 slick water flush.

Total frac fluid pumped 465.2 bbls.

N2 was cut during flush. Ru wire line, RIH and set 5K frac plug @ 7490'. RIH and perforate interval #2 @ 7414-28', 7455-59', 3 spf, 56 holes. Fraced interval #2 w/ 71,270# 20/40 Ottawa sand. Pumped frac at an avg rate of 36.9 bpm, using 252.5 mscf of N2 and 573 bbls of fluid. Avg surface treating pressure was 4881 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

4187 gallons Pad YF115ST/N2 gel.

2134 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

2115 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2117 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2810 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

3466 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

7228 gallons WF110 slick water flush.

Total frac fluid pumped 573 bbls. N2 was cut during flush. RIH and set 5k frac plug @ 7380', perforate interval #3 @ 7288-96, 7307-14, 7348-62', 2 spf, 61 holes. Fraced interval #3 w/ 76,493#s in formation, and 5,475#s in the well bore, 20/40 Ottawa sand. Pumped frac at an avg rate of 35.9 bpm, using 291 mscf of N2 and 584 bbls of fluid. Avg surface treating pressure was 4969 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

4183 gallons Pad YF115ST/N2 gel.

2842 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

2824 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2813 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2811 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

3465 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

5582 gallons WF110 slick water flush.

Total frac fluid pumped 584 bbls. N2 was cut during flush. Due to screen out cfp was not set. RIH tag sand @ 7254' KB, perforate interval #4 @ 6830-39', 6 spf, 55 holes. POOH w/ wire line, attempt to frac interval #4, pressured up to 6000#, unable to frac. RIH w/ dump bailer and 9 gallons of 15% HCL, tagged sand @ 6556' KB, dumped acid, and POOH w/ bailer. Unable to frac interval #4, due to sand and late conditions, opened well to the pit on a 12/64 choke @ midnight. Turned well over to production.

FCP 950, 18/64 CHOKE, RECOVERED 550 BBLs. FRAC FLUID.

REPORT DATE: 06/05/05

MD: 7,870

TVD: 0

DAYS: 3

MW:

VISC:

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$540,087.50

CC : \$145,093.00

TC : \$685,180.50

DAILY DETAILS : FCP 525, 18/64 CHOKE, RECOVERED 725 BBLs. FRAC FLUID.

RECEIVED

JUN 09 2005



# WELL CHRONOLOGY REPORT

# CONFIDENTIAL

**WELL NAME : HCU 16-28F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 500' FSL 600' FEL SEC 28 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 1.00 AFE # : 0501227

API # : 43-047-35939

PLAN DEPTH : 8,100 SPUD DATE : 04/21/05

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$540,087.50

EVENT CC : \$148,093.00

EVENT TC : \$688,180.50

WELL TOTL COST : \$790,690

**REPORT DATE: 06/06/05**

MD : 7,870

TVD : 0

DAYS : 4

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$540,087.50

CC : \$145,093.00

TC : \$685,180.50

DAILY DETAILS : FCP 273, WELL TO PIT ON 18/64 CHOKE, RECOVERED 411 BBLS. FRAC FLUID, RU FLOWLINE, TURN TO SALES AT 10:20 AM ON 18/64 CHOKE, EST RATE OF 400 MCF.

**REPORT DATE: 06/07/05**

MD : 7,870

TVD : 0

DAYS : 5

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$540,087.50

CC : \$145,093.00

TC : \$685,180.50

DAILY DETAILS : MADE 224 MCF, FCP 289, SLP 289, 0 OIL, 103 WTR, 48/64 CHOKE.

**REPORT DATE: 06/08/05**

MD : 7,870

TVD : 0

DAYS : 6

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$540,087.50

CC : \$145,093.00

TC : \$685,180.50

DAILY DETAILS : MADE 414 MCF, FCP 318, SLP 318, OIL, WTR, 48/64 CHOKE.

**REPORT DATE: 06/09/05**

MD : 7,870

TVD : 0

DAYS : 3

MW :

VISC :

DAILY : DC : \$0.00

CC : \$3,000.00

TC : \$3,000.00

CUM : DC : \$540,087.50

CC : \$148,093.00

TC : \$688,180.50

DAILY DETAILS : MIRU SCHLUMBERGER WIRE LINE, RIH AND ATTEMPT TO SET A CFP @ 6900' KB. UNABLE TO SET PLUG, TAGGED SAND @ 6810' KB, 20' OF SAND OVER THE INTERVAL OF INTEREST. RDMO WIRE LINE, TURN WELL OVER TO PRODUCTION. WAIT ON RIG.

FLOW REPORT: MADE 432 MCF, FCP 336, SLP 336, 0 OIL, 40 WTR, 48/64 CHOKE.

RECEIVED

JUN 09 2005

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

2. Name of Operator

DOMINION EXPLORATION & PRODUCTION, INC.

3a. Address Suite 600  
14000 QUAIL SPGS PKWY, OKLA CITY, OK 73134

3b. Phone No. (include area code)  
405-749-1300

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

500' FSL & 600' FEL, (SE SE) Sec. 28-10S-20E

5. Lease Serial No.

1420-H62-4781

6. If Indian, Allottee or Tribe Name

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

Hill Creek Unit

8. Well Name and No.

HCU 16-28F

9. API Well No.

43-047-35939

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah

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 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.)

6/1/05 ran 184 jts. 5 1/2", M-80, 17#, LT&C 8rd csg., set @ 7858'. Cemented lead w/80 sks of Hi-Fill V, 11.6 ppg, 3.12 cuft/sk., tailed w/600 sks HLC V, 13.0 ppg, 1.69 cuft/sk. Bumped plug, floats held. No cmt. To surface. Cleaned pits, released rig. 6/3/05 Perf'd and Frac'd well. First sales 6/5/05.

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

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

*Carla Christian*

Date 6/9/2005

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.

JUN 13 2005

DEPT. OF OIL, GAS & MINERAL

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.  
1420-H62-4781

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

6. If Indian, Allottee or Tribe Name

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

7. Unit or CA Agreement Name and No.  
Hill Creek Unit

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

3a. Phone No. (include area code)  
405-749-1300

8. Lease Name and Well No.  
HCU 16-28F

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
At surface 500' FSL & 600' FEL, SE SE  
At top prod. Interval reported below  
At total depth

9. API Well No.  
43-047-35939

10. Field and Pool, or Exploratory  
Natural Buttes

11. Sec., T., R., M., or Block and Survey or Area  
28-10S-20E

12. County or Parish  
Uintah

13. State  
UT

14. Date Spudded  
4/21/2005

15. Date T.D. Reached  
5/30/2005

16. Date Completed  
 D&A  Ready to prod. 6/5/2005

17. Elevations (DF, RKB, RT, GL)\*  
4912' GL

18. Total Depth: MD 7850'  
TVD

19. Plug Back T.D.: MD 7650'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Platform Express Laterolog, Tool Combination Print  
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
12 1/4"	8 5/8"	32#	Surface	2218'		750 Sx		Circ.	
7 7/8"	5 1/2"	17#	Surface	7858'		680 Sx		Est. TOC @ 2900'	

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"	7539'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Record	Size	No. Holes	Perf. Status
A) Mesaverde	7514'	7566'	7514- 21, 7563- 66		62	Open
B) Mesaverde	7414'	7459'	7414- 28, 7455- 59		56	Open
C) Mesaverde	7288'	7362'	7288- 96, 7307- 14, 7348- 62		61	Open
D) Uteland Buttes	6830'	6839'	6830- 39		55	Open
E)						

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

Depth Interval	Amount and Type of Material
7514' - 7566'	Frac w/47,121# 20/40 Ottawa sd., w/181.4 mscf of N2 and 465.2 bbls of YF 120ST.
7414' - 7459'	Frac w/71,270# 20/40 Ottawa sd., w/252.5 mscf of N2 and 573 bbls of YF 115ST.
7288' - 7362'	Frac w/76,493# 20/40 Ottawa sd., w/291 mscf of N2 and 584 bbls of YF 115ST.
6830' - 6839'	Frac w/27,677# 20/40 Ottawa sd., w/167.8 mscf of N2 and 312 bbls of YF 120ST.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/5/2005	7/7/2005	24	→	2	325	15			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48	235	407	→	2	325	15	1:162,500	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)

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	3535'
				Uteland Limestone	3880'
				Wasatach	4023'
				Chapita Wells	5000'
				Uteland Buttes	6077'
				Mesaverde	6874'

32. Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

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

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

Name (please print) Carla Christian Title Regulatory Specialist  
 Signature *Carla Christian* Date July 19, 2005

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

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

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

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

Operator Name Change/Merger

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

7/1/2007

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

<b>CA No.</b>		<b>Unit:</b>		<b>HILL CREEK</b>				
<b>WELL NAME</b>	<b>SEC</b>	<b>TWN</b>	<b>RNG</b>	<b>API NO</b>	<b>ENTITY NO</b>	<b>LEASE TYPE</b>	<b>WELL TYPE</b>	<b>WELL STATUS</b>
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"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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

(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.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731522	FEDERAL 1-29	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304731601	HILLCREEK FED 1-30	NWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304731675	HILL CREEK FED 1-27	SEW	27	100S	200E	U-29784	12829	Federal	GW	P
4304733671	HCU 1-28F	NENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	S
4304733672	HCU 1-29F	NENE	29	100S	200E	U-28203	12829	Federal	GW	P
4304733673	HCU 2-30F	NWNE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733688	HCU 3-28F	NENW	28	100S	200E	U-28203	12829	Federal	GW	P
4304733689	HCU 3-29F	NENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304733713	HCU 3-30F	NWNW	30	100S	200E	UTU-30693	12829	Federal	GW	P
4304733835	HCU 5-30F	SWNW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733836	HCU 6-30F	SEW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733964	HCU 8-30F	SENE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733965	HCU 11-30F	NESW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733966	HCU 13-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734045	HCU 5-28F	SWNW	28	100S	200E	U-28203	12829	Federal	GW	P
4304734046	HCU 7-29F	SWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734223	HCU 9-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734298	HCU 3-31F	NWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734299	HCU 5-31F	SWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734300	HCU 7-31F	SEW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734316	HCU 2-27F	NWNE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734351	HCU 8-27F	SENE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734352	HCU 11-31F	NWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734353	HCU 13-31F	SWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734853	HCU 1-33F	NENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304734854	HCU 3-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304734913	HCU 1-27F	NENE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734914	HCU 3-27F	NENW	27	100S	200E	U-79130	12829	Federal	GW	P
4304734915	HCU 7-27F	SWNE	27	100S	200E	U-79130	12829	Federal	GW	S
4304734916	HCU 10-27F	NWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734917	HCU 14-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734918	HCU 15-30F	SWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304734919	HCU 2-31F	NWNE	31	100S	200E	U-30693	12829	Federal	GW	P
4304734920	HCU 6-31F	SWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304734921	HCU 4-31F	NWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735130	HCU 11-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735131	HCU 2-29F	NWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304735132	HCU 9-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735133	HCU 10-30F	NWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735134	HCU 1-31F	NENE	31	100S	200E	U-36903	12829	Federal	GW	P
4304735135	HCU 12-31F	NWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735137	HCU 2-33F	NENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735139	HCU 5-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735154	HCU 13-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735230	HCU 8-33F	SENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304735307	HCU 6-29F	SEW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735470	HCU 11-29F	NESW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735471	HCU 10-29F	NWSE	29	100S	200E	U-28203	12829	Federal	GW	P

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

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735507	HCU 12-29FA	NESW	29	100S	200E	U-28203	12829	Federal	GW	DRL
4304735724	HCU 16-27F	SESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735725	HCU 9-27F	NESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735726	HCU 15-27F	SWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735727	HCU 9-34F	NESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735728	HCU 7-34F	SWNE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735832	HCU 9-33F	NESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735833	HCU 16-33F	SESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735835	HCU 11-34F	NESW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735836	HCU 12-34F	NWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735837	HCU 13-34F	SWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735838	HCU 15-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735875	HCU 14-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735934	HCU 8-31F	SENE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735935	HCU 10-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735936	HCU 9-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735939	HCU 16-28F	SESE	28	100S	200E	U-28203	12829	Federal	GW	P
4304735940	HCU 6-34F	SENE	34	100S	200E	U-28203	12829	Federal	GW	P
4304735996	HCU 16-34F	SESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736046	HCU 14-31F	SWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304736251	HCU 16-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304736319	HCU 10-28F	NWSE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736320	HCU 13-28F	SWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736321	HCU 14-28F	SESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736437	HCU 5-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736438	HCU 4-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736439	HCU 11-28F	NESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736440	HCU 5-30F2	SWNW	30	100S	200E	U-30693	12829	Federal	GW	DRL
4304736601	HCU 5-33F	SWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736602	HCU 12-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736603	HCU 6-28F	SENE	28	100S	200E	U-28203	12829	Federal	GW	S
4304736604	HCU 12-28F	NWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736685	HCU 13-33F	SWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736846	HCU 9-28F	NESE	28	100S	200E	14-20-H62-4781	12829	Indian	GW	P
4304736847	HCU 8-28F	SENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	P
4304736848	HCU 7-28F	SWNE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736849	HCU 1-34F	NENE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736852	HCU 14-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736853	HCU 16-29F	SESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737060	HCU 4-33F	NWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737202	HCU 6-33F	SENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304737203	HCU 3-33F	NWNE	33	100S	200E	U-28203	12829	Federal	OW	P
4304737204	HCU 15-28F	NWNE	33	100S	200E	14-20-H62-4781	12829	Indian	OW	P
4304737284	HCU 7-30F	SENE	30	100S	200E	U-29784	99999	Federal	OW	DRL
4304737340	HCU 5-29F	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737360	HCU 11-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737424	HCU 12-27F	NESW	27	100S	200E	U-29784	12829	Federal	OW	DRL
4304737425	HCU 14-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P

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

api	well name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737427	HCU 8-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENE	32	100S	200E	ML-22313	12829	State	GW	P
4304734852	HCU 4-32F	NWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735136	HCU 5-32F	SWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735870	HCU 13-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735871	HCU 12-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735872	HCU 14-32F	SESW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735873	HCU 3-32F	NENW	32	100S	200E	ML-22313-2	12829	State	GW	DRL
4304735874	HCU 11-32F	SENE	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	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: Hill Creek 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 Hill Creek 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 Hill Creek 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 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: U-28203
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	2. NAME OF OPERATOR: XTO ENERGY INC.		8. WELL NAME and NUMBER: HCU 16-28F
3. ADDRESS OF OPERATOR: 382 CR 3100      AZTEC      STATE NM      ZIP 87410	PHONE NUMBER: (505) 333-3100	9. API NUMBER: 4304735939	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 500' FSL & 600' FEL			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES WS-MV
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 28 10S 20E S			COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/31/2009	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>CLEANOUT</u>

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

XTO Energy Inc. cleaned out this well per the attached Morning Report.

NAME (PLEASE PRINT) <u>BARBARA A. NICOL</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE <u>Barbara A. Nicol</u>	DATE <u>4/28/2009</u>

(This space for State use only)

RECEIVED

JUL 07 2009

DIV. OF OIL, GAS & MINING

**Wellname: Hill Creek Unit 16-28F**

**T-R-S:** T10S-R20E-S28 **State:** Utah

**Zones:** Mesaverde, Uteland Buttes

**County:** Uintah **Lat:** 39°54'44.86"N **Long:** 109°39'42.260"W

**Objective:** Cleanout Proposed TD:

**Daily Operations Data From: 1/23/2009 6:00:00AM to 1/23/2009 12:00:00AM**

**Operation Summary:** First rep of well maintenance - clean out. Rep rig, repl diving board and rep tong stiff arm. Road rig to loc. SDFWE.

**Daily Operations Data From: 1/26/2009 6:00:00AM to 1/26/2009 6:00:00PM**

**Operation Summary:** PBDT 7,825'. Perf 6,830' - 7,566'. SN @ 7,538'. EOT 7,539'. WO winch truck due to snowy road cond. MI & set rig pmp & flat tk. MI & set tst tk. MIRU Repl drilling line. SDFN.

**Daily Operations Data From: 1/27/2009 6:00:00AM to 1/27/2009 6:00:00PM**

**Operation Summary:** PBDT 7,825'. Perf fr/6,830' - 7,566'. SN @ 7,538'. EOT @ 7,539'. SWI. ND sales line. Bd TCA, stdy wk blow. Bd tbg, died. ND WH. NU BOP. PU jt tbg, unland tbg. LD tbg hgr. TIH w/6 jts tbg, tgd fill @ 7,712' (113' fill). TOH w/247 jts 2-3/8" tbg. LD SN & jt #247 w/BHBS stuck in Sc BU & jt #246 w/pingr stuck in Sc BU. Note: found lt - mod sc BU fr/jt #116 to jt #220 & hvy sc BU fr/jt #220 to SN. TIH w/4-3/4" bit, 5-1/2" csg scr & 245 jts to 7,649'. TOH w/60 jts tbg. SWI & SDFN.

**Daily Operations Data From: 1/28/2009 6:00:00AM to 1/28/2009 6:00:00PM**

**Operation Summary:** BTD 7,825'. Perf 6,830' - 7,566'. Bd TCA & tbg, stdy wk blow. TOH w/179 jts tbg, LD 5-1/2" csg scr & 4 3/4" bit. PU new muleshoe col, new 2-3/8" SN & TIH w/80 jts 2-3/8" tbg.. RU swb tls & RIH w/ XTO 1.910" tbg broach. Broach tbg to SN @ 2,512'. No ti spots, POH & LD broach. TIH w/80 jts tbg. RU & broached tbg to 2,600'. POH & LD broach. Cont TIH w/85 jts tbg. Broached tbg to 2,800' w/no ti spots. LD broach, LD 7 jts tbg. Dress tbg hgr w/new seals. PU hgr & Ld 237 jts 2 3/8", 4.7#, J-55, 8rd, EUE, tbg. EOT @ 7,414'. SN @ 7,413'. ND BOP. NU WH. MIRU Frac Tech ac pmp & equip. RU lines to tbg. PT lines & WH vlv to 4,100 psig, held OK. A. tbg for sc BU w/5 bbl 2% KCl trtd w/biocide and sc inhibitor, 500 gals 15% HCl ac, flshd w/28.5 bbls trtd KCl wtr. SWI. Init SITP vac. RU lines to TCA, PT lines & csg vlv to 4,800 psig, held OK. A. TCA for sc BU w/5 bbl trtd KCl wtr, 1000 gals 15% HCl ac, flshd ac w/60 bbls trtd KCl wtr. Ppd ttl of 1,500 gals 15% ac w/15 gals MA-844, 15 gals FE-200, 9 gals FE-100L, 12 gals CI-100 @ 4.5 BPM w/0 psig. SWI. Init SICP vac. RDMO Frac Tech Ac pmp & equip. SDFN

**Daily Operations Data From: 1/29/2009 6:00:00AM to 1/29/2009 6:00:00PM**

**Operation Summary:** PBDT @ 7,825'. Perfs fr/6,830' - 7,566'. EOT @ 7,414'. SN @ 7,413'. RU swb tls & RIH. BFL @ 5,150' FS. S. 0 BO, 39 BLW, 6 runs. FFL @ 5,150' FS. SICP 340 psig. Tbg on vac after first 5 runs. Tbg KO flwg after 6th run. FTP 20 psig. F. 0 BO, 11 BLW, 1 hr. Well died. Dirty blk fld smpls w/tr solids. PU swb tls & RIH. Found bad spot in sd ln @ 5

**Daily Operations Data From: 1/31/2009 7:00:00AM to 1/31/2009 12:00:00PM**

**Operation Summary:** MIRU Tech Swabbing SWU. Bd tbg. RU & RIH w/swb tls. SN @ 8,836'. BFL @ 5,000' FS. S. 0 BO, 6 BW, 3 runs, 4 hrs. FFL @ 5,000' FS. KO Well FLWG. SITP 600 psig, SICP 600 psig. RWTP @ 12:00 p. m., RDMO Tech Swabbing SWU.

\\=====Hill Creek Unit 16-28F=====

**End of Report**

<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-28203
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK
--	---

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HCU 16-28F
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047359390000
---	---

<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3145 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
--	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0500 FSL 0600 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 28 Township: 10.0S Range: 20.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>7/16/2012</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 2px;">Bullhead down Bradenhead</span>

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

XTO Energy Inc. has received verbal approval on 7/5/2012 to perform a cement squeeze on this well. Please see the attached XTO Verbal Approval Form for more information on the proposed work.

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

**Date:** July 12, 2012

**By:** *Dark Quif*

<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> 7/6/2012	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-28203
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> HCU 16-28F
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>9. API NUMBER:</b> 43047359390000
<b>PHONE NUMBER:</b> 505 333-3145 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0500 FSL 0600 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 28 Township: 10.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/18/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="CEMENT SQUEEZE"/>

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

XTO Energy Inc. has performed a cement squeeze and an acid treatment on this well per the attached summary report.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
July 23, 2012**

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/23/2012	

**Hill Creek Unit 16-28F**

**7/10/2012:** MIRU. Notified 24 hrs in advance, Mike Lee w/BLM @ 09:00 hrs on 07/10/12 & Dave Hackford w/UDOGM @ 09:15 hrs on 07/10/12 of cmt ops. Bd well. ND WH, NU BOP. TIH w/7 jts tbg. Tgd @ 7,604' (46' fill). LD 7 jts tbg. TOH w/ 2-3/8" tbg, SN & MS. LD BHBS/SV. TIH w/ 5-1/2" RBP, SN & 2-3/8" tbg. Set RBP @ 3,502'. TOH w/2 jts tbg. EOT @ 3,440'. Filled csg w/66 bbls of TW. PT csg & RBP to 500 psig, gd tst. EIR dwn annulus between 5-1/2" csg & 8-5/8" csg @ 3 BPM & 700 psig.

**7/11/2012:** TOH w/ 2-3/8" tbg, and ret head. Filled csg w/20 bbls of TW. Pressure csg & RBP to 500 psig. EIR dwn annulus between 5-1/2" & 8-5/8" csgs of 3 BPM @ 500 psig, pmpd 30 bbls of TW. MIRU Cmt Equip. Pmpd 450 sks Premium "G" cmt 15.8 ppg, 1.15 yield, w/2% CaCl<sub>2</sub>, and 1/4 lb/sk flocele dwn surf csg. Pressure started 3 BPM @ 500 psig to 30 to 80 psig, ISIP 80 psig.

**7/12/2012:** TIH w/ 2-3/8" tbg. EOT @ 3,440'. Swb. TIH w/2-3/8" tbg, latch & rls RBP. Contrl well w/30 bbls of TW. TOH w/2-3/8" tbg. LD 5-1/2" TS RBP. TIH w/4-3/4" bit, 5-1/2" scr, SN & jts tbg. Tgd sc @ 7,310'. TOH w/ tbg. EOT @ 6,810'.

**7/13/2012:** Cont TIH w/4-3/4" bit, 5-1/2" scr, SN & 2-3/8" tbg. Tgd sc @ 7,310'. RU pwr swvl. MIRU AFU, estab circ & CO 10' of sc fr/7,310' to 7,320'. TIH & tgd sd @ 7,605', CO 45' sd to PBTD @ 7,650'. Circ well cln for 2 hrs. Ld 9 jts & flshd tbg w/20 bbls TW. Drpd SV & fill tbg w/22 bbls TW. PT tbg to 2,000 psig, gd tst. Bd pressure. RU swb tls. RIH w/fishing tls on sd line, latch & rec SV. POH & LD fishing tls. TOH w/ 2-3/8" tbg. Ld CO BHA. TIH w/2-3/8" MS col, SN & 2-3/8" tbg. EOT @ 1,538'.

**7/16/2012:** Cont to TIH w/MS col, SN & 2-3/8" tbg. Ld tbg on hgr w/EOT @ 7,413.59' & SN @ 7,412.09'. RU swb tls. RIH tbg broach. Broach. ND BOP. NU WH. MIRU Hot Oil Serv. PT surf lines to 2,000 psig, gd tst. Bd pressure. Ppd 500 gals 10% HCL ac w/adds dwn csg & flshd w/30 bbls of TW. Ppd 250 gals 10% HCL ac w/adds dwn tbg & flshd w/30 bbls of TW. SWI for 3 hrs. RU swb tls. Swab. RDMO.

**7/17/2012:** MIRU SWU. Swab.

**7/18/2012:** RU swb tls & RIH. Swab. Drop new dual pad plngr & SWI for 1 hr. Cycld plngr to surf & RWTP 7/18/12. WS perms fr/6,830' - 6,839'. MV perms fr/7,288' - 7,566'. SN @ 7,412', EOT @ 7,413', PBTD @ 7,650'.

=====Hill Creek Unit 16-28F=====