

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

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

**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. <p align="center">U-30693</p>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">UTE INDIAN TRIBE</p>
2. NAME OF OPERATOR <b>DOMINION EXPLORATION &amp; PRODUCTION, INC.</b>		7. UNIT AGREEMENT NAME <p align="center">HILLCREEK UNIT AREA</p>
3. ADDRESS AND TELEPHONE NO. <b>16945 NORTHCHASE DRIVE, SUITE 1750 HOUTSON, TEXAS 77060-2133</b>		8. FARM OR LEASE NAME, WELL NO. <p align="center">HCU 11-30F</p>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>3109' FWL &amp; 1463' FSL</b> At proposed prod. zone		9. API WELL NO.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>16.9 miles Southwest of Ouray</b>		10. FIELD AND POOL, OR WILDCAT <p align="center">NATURAL BUTTES</p>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OF LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1463'</b>	16. NO. OF ACRES IN LEASE <p align="center">640</p>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p align="center">NE SW Sec. 30, T10S, R20E</p>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>2000'</b>	19. PROPOSED DEPTH <p align="center">11,500'</p>	12. COUNTY OR PARISH <p align="center">UINTAH</p>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR: 5291'</b>	20. ROTARY OR CABLE TOOLS <p align="center">ROTARY</p>	13. STATE <p align="center">UTAH</p>
23. PROPOSED CASING AND CEMENTING PROGRAM		22. APPROX. DATE WORK WILL START* <p align="center">03/15/2001</p>

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	K-55; 13-3/8"	54.5#	84'	CEMENTED TO SURFACE
12-1/4"	K-55; 8-5/8"	24# & 32#	3,000'	931 SXS; CEMENTED TO SURFACE
7-7/8"	P-110; 5-1/2"	17#	11,500'	1120 SXS; CEMENT CALC TO SURFACE

1. Primary zones of interest are the Wasatch, Chapita Wells and Uteland Buttes.
2. All zones indicating potential for economically recoverable reserves will be tested in a normal, purdent manner.
3. In the envent circulation is lost, air or air assisted mud will be utilized.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on 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 *David L. Long* TITLE Onshore Drilling Manager DATE February 13, 2001

(This space for Federal or State office use)  
PERMIT NO. 43-047-33965 APPROVAL DATE \_\_\_\_\_

Application zapproval does not warrant or certify that the applicant holds legal or equitable title to the property in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:  
  
APPROVED BY *Bradley G. Hill* TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 02-26-01

**Federal Approval of this Action is Necessary**

**\*See Instructions On Reverse Side**

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

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CIVIL RIGHTS DIVISION

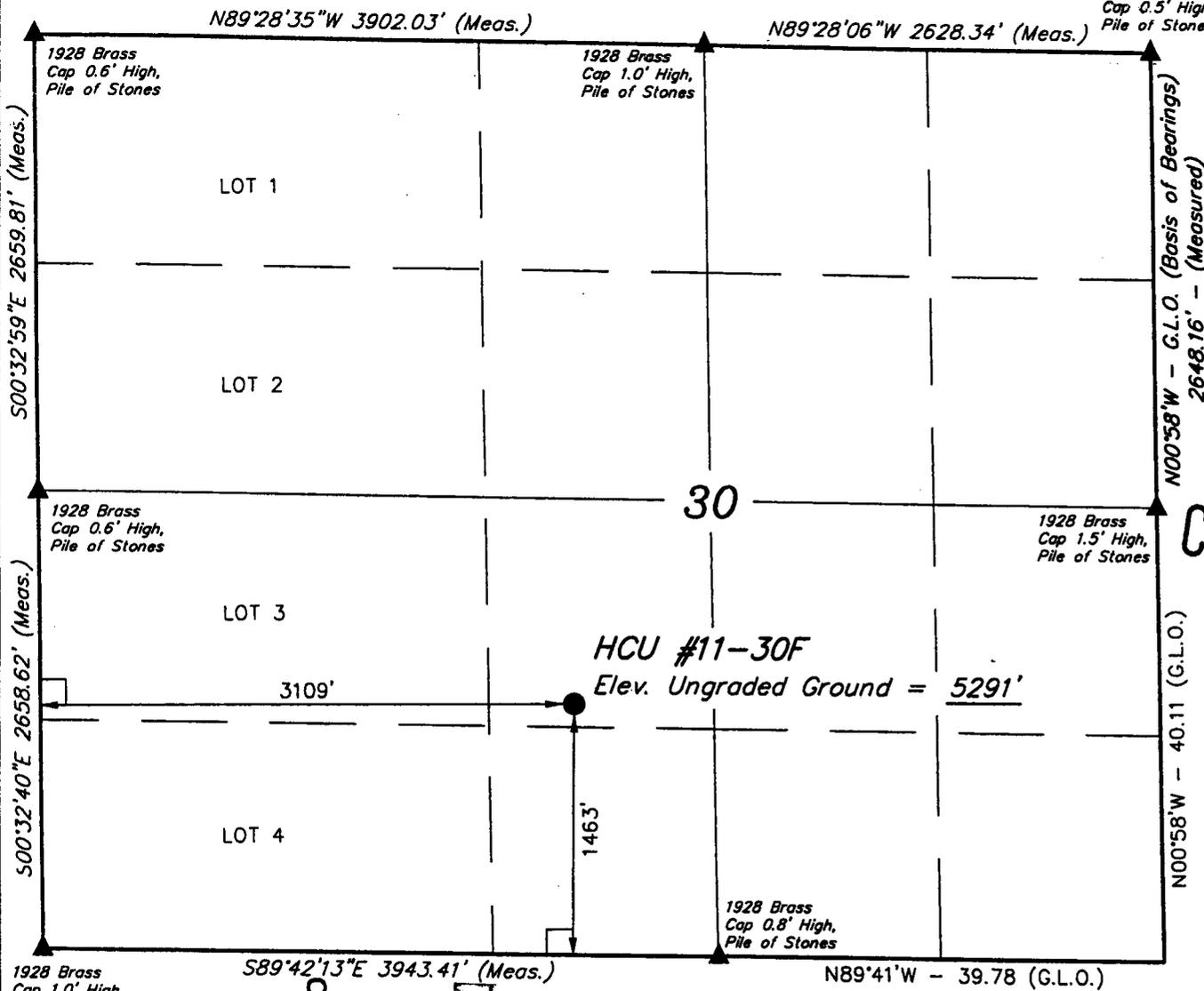
# T10S, R20E, S.L.B.&M.

## DOMINION EXPLR. & PROD., INC.

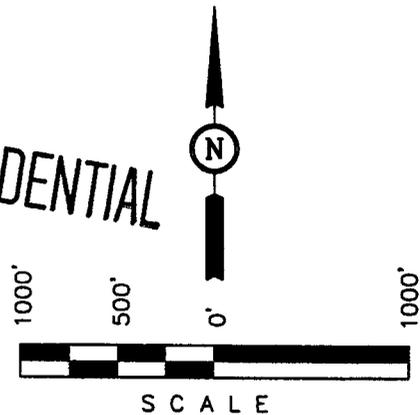
Well location, HCU #11-30F, located as shown in NE 1/4 SW 1/4 of Section 30, T10S, R20E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST OF CORNER OF SECTION 30, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

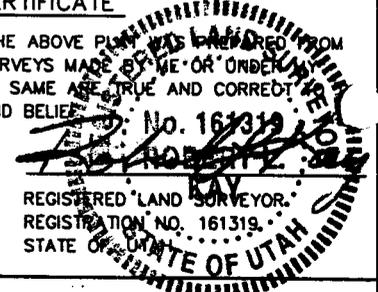


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### CERTIFICATE

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



DIVISION OF OIL, GAS AND MININGS

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

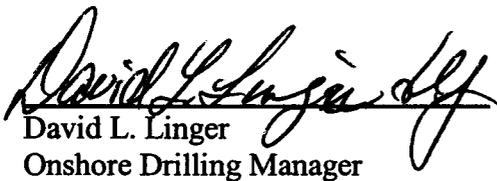
LATITUDE = 39°54'54"  
LONGITUDE = 109°42'35"

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-20-00	DATE DRAWN: 11-28-00
PARTY G.S. T.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE DOMINION EXPLR. & PROD., INC.	

## SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

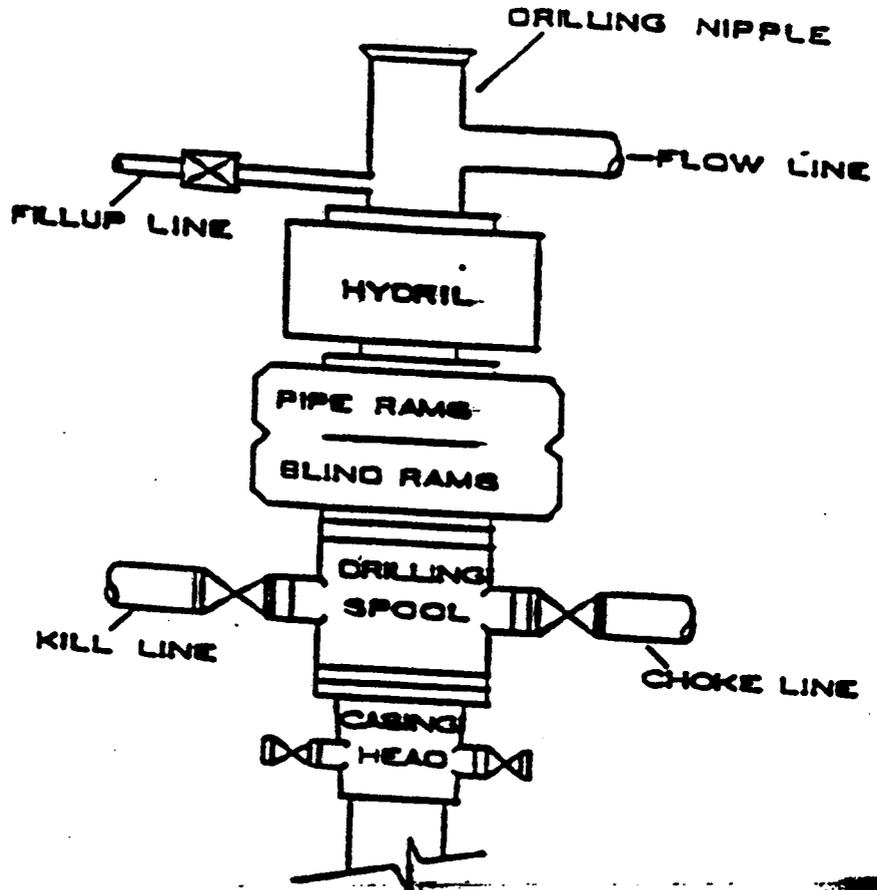
Please be advised that **Dominion Expl. & Prod., Inc.** is considered to be the operator of Well No. 11-30F, located in the NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Section 30, T10S, R20E in Uintah County; Lease No. U-30693; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by *Travelers Casualty and Surety Company of America*, Bond #76S 63050 361.

  
David L. Linger  
Onshore Drilling Manager

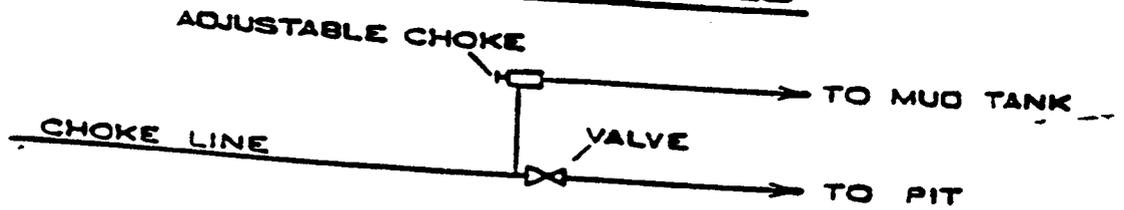
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# BOP STACK



# CHOKER MANIFOLD



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

**February 13, 2001**

**Attachment for Permit to Drill**

**Name of Operator:** Dominion Expl. & Prod., Inc.  
**Address:** Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750  
Houston, Texas 77060-2133

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**WELL LOCATION:** Well No. 11-30F

Uintah, Utah

**1. GEOLOGIC SURFACE FORMATION**

Uintah

**2. ESTIMATE IMPORTANT GEOLOGIC MARKERS**

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,910'
Green River Tongue	4,320'
Wasatch	4,480'
Chapita Wells	5,380'
Uteland Buttes	6,580'
Mesaverde	7,680'

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

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Wasatch Tongue	3,910'	Oil Zone
Green River Tongue	4,320'	Oil Zone
Wasatch	4,480'	Gas Zone
Chapita Wells	5,380'	Gas Zone
Uteland Buttes	6,580'	Gas Zone
Mesaverde	7,680'	Gas Zone

**4. PROPOSED CASING PROGRAM**

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

13 3/8", 54.5 #/ft K-55 - 0' - 84' - Cemented to Surface

8-5/8", 24#/ft, K-55, STL (Thread type) 0'-2,000' - Cemented to Surface

8-5/8", 32#/ft, K-55 LTC (Thread type) 2,000'-3,000' - Cemented to Surface

5 1/2", 17#/ft, P-110, LTC (Thread type) 0'- 11,500' - Cemented to Surface

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

BOP stack has a 3,000 psi working pressure. BOP will be pressure tested to 3,000 psi before drilling casing cement plug. Pipe rams will be operated daily and blind rams as possible.

- 6. The well is to be drilled with a KCL mud system maintaining a weight of approximately 9 - 9.7#/gal.
- 7. An automatic igniter will not be installed on the blooie line.
- 8. A 90 degree bend on the blooie line, located approximately 50' from the wellhead on the pit side past the mud tank will be installed. Total length of the blooie line will remain 100' from the wellhead.

9. **AUXILIARY EQUIPMENT TO BE USED**

- 1. Kelly Cock.
- 2. Full opening valve on floor with DRILL PIPE connection for use when Kelly is not in string.

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

Possible DST in Wasatch Tongue. The logging program will include Dual Lateral/GR log TD to Surface, Density/Neutron - TD - 3,000' possible dipmeter and rotary cores over selected intervals.

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

No normal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H<sub>2</sub>S gas. The anticipated bottom hole pressure is 4,200 psi.

12. **WATER SUPPLY**

- A. Water to be used for drilling will be hauled Section 34-T3S-R20W. User's Claim - Code #43, Serial #1721.
- B. No pipelines are anticipated. Hauling will be on the road(s) shown in Attachment No. 3.
- C. No water well is anticipated to be drilled at this time.

13. **CEMENT SYSTEMS**

**CONDUCTOR**

Ready-mix cement to surface.

**SURFACE**

Tail Slurry: +/-331 sks Class "G" cement, 2% CaCl<sub>2</sub> + .25lb. sk Flake mixed at 15.8 ppg. Yield 1.16 ft<sup>3</sup>/sk, water 4.96 gal/sk, excess 20%.

Lead Slurry: +/-600 sks Premium Lite II and 10% gel + 6 lb/sk KOL seal + 3 lb/sk CSE + .5% SM + .25 lb. Flake mixed at 11.0 lb/gel yield - 3.37 ft<sup>3</sup>/sk, excess 40%. Water 21.18 gps.

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**PRODUCTION**

Lead Slurry: +/-350 sk Premium Lite II and 10% gel + 6 lb/sk KOL seal + 3 lb/sk CSE + .5% SM + .25 lb. Flake mixed at 11.0 lb/gel yield - 3.37 ft<sup>3</sup>/sk, excess 40%. Water 21.18 gps.

Tail Slurry: +/-770 sk 50/50 Poz and .1% R-3 + 3% KCL +.25lb. Flake + 2 lb/sk KOL seal + .8% FL-25 + 2% gel + .2% SM; mixed at 14.1 lb/gal, yield - 1.23 ft<sup>3</sup>/sk, water - 5.18 gps.

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

Starting Date: March 15, 2001  
Duration: 20 Days

**SURFACE CASING CEMENT PROGRAM**

Set 8 5/8" casing in 12 1/4" open hole cement to surface. Volume calculated using 40% excess.

**SPACER:**

Pump 20 bbls lightly gelled water followed by 5 bbls fresh H<sub>2</sub>O ahead of cement to water wet the well bore after air drilling. Displace with fresh water.

**CEMENT SYSTEM**

± 600 sks Lead Cement Premium Lite II + 10% gel + 6 lb/sk KOL seal + 3 lb/sk CSE + .5% SM + .25 lb/sk Cello Flake

Weight	11.0 lb/gal
Yield	3.37 ft <sup>3</sup> /sk
Water	20.48 gal/sk

Thickening Time at 118 degrees 5+ hours

Compressive Strength at 80 degrees 24 hrs 375 PSI

± 331 sks Class G "Tail-In" Cement, 2% Cacl<sub>2</sub>, .25lb/sk Cello Flake.

Weight	15.80 lb/gal
Yield	1.17 ft <sup>3</sup> /sk
Water	4.99 gal/sk

Thickening Time at 118 degrees 1:42 minutes

Compressive Strength at 80 degrees	8 hrs 750 PSI
	16 hrs 1800 PSI
	24 hrs 2400 PSI

± 100 - 200 sks Top-out cement, 2% Cacl<sub>2</sub>, .25lb/sk Cello Flake

Run 1" tubing in annulus to ± 200' and cement to surface.

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Revised November 1990

Date NOS Received:

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

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Company/Operator: Dominion Exploration & Production, Inc.

Well Name & Number: HCU 11-30F

Lease Number: U-30693

Location: NE SW Sec. 20 T. 10S R. 20E

Surface Ownership: TRIBAL

**NOTIFICATION REQUIREMENTS**

- Location Construction - forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related - twenty-four (24) hours prior to initiating pressure Equipment Tests tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

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**B. THIRTEEN POINT SURFACE USE PROGRAM:**

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Multipoint Requirement to Accompany APD

1. Existing Roads - describe the following and provide a legible map, labeled and showing:
  - a. Proposed wellsite as staked and access route to location, including distances from point where access route exists establish roads. (Actual staking should include tow directional reference stakes.) The proposed well site is located approximately 16.9 miles southwest of Ouray, Utah.
  - b. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road. - From Vernal, proceed west on Highway 40 about 17 miles to Highway 88. Turn left on Highway 88 and proceed south about 16 miles to Ouray. Continue south on Sea Ridge Road for approximately 9.1 miles. Turn right on Turkey Trail and proceed 1.5 miles to Willow Creek. Turn left and proceed 1.3 miles then turn right across Willow Creek. Go 4.6 miles and turn left on access road.
  - c. Access road(s) to location color-coded or labeled. (See Topographic Map A & B for details.)
  - d. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.)
  
2. Planned Access Roads--describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
  - a. Length - 0.2 miles
  - b. Width - 30 foot right-of-way with 18 foot running surface maximum.
  - c. Maximum grades - None
  - d. Turnouts - None
  - e. Drainage design - None
  - f. Location and size of culverts and/or bridges, and brief description of any major cuts and fills - None
  - g. Surfacing material (source) - None
  - h. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None(New or reconstructed roads are to be centerline-flagged at time of location staking.)

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

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U.S. DEPARTMENT OF THE INTERIOR

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

Right-of-Way Application needed: No

The operator/lessee or his/her successor shall be responsible for all maintenance on cattleguards or gates associated with this oil and/or gas operation.

3. Location of Existing Wells - describe the following and provide a map or plat of all wells within a 1 mile radius of the proposed well location showing and identifying existing:

- a. Water wells – RBU 16-19F
- b. Abandoned wells – None
- c. Temporarily abandoned wells - None
- d. Disposal wells - None
- e. Drilling wells - None
- f. Producing wells – RBU 1-25E, RBU 13-19F, RBU 14-19F, Federal 1-29, Hillcreek 1-30
- g. Shut-in wells – Apache 44-25, Evans 32-25E
- h. Injection wells - None

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4. Location of Existing and/or Proposed Facilities

a. On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production (detail painting plans and color if applicable):

- (1) Tank batteries
- (2) Production facilities
- (3) Oil gathering lines
- (4) Gas gathering lines – (See exhibit D)
- (5) Injection lines
- (6) Disposal lines
- (7) Surface pits - After the well is hydraulically fraced, the well will be flowed back into the surface pits. After first production, a 300 bbl tank will be installed to contain produced waste water. Plans are to run a 2" line from the separator to the 300 bbl tank.

(Indicate if any of the above lines are buried.)

b. Off well pad: Same as above. Off lease flowlines may require rights-of-way or special use permits, check with the District Office Realty Specialist. (Include a diagram of the proposed attendant lines, i.e., flowlines, powerlines, etc., if off well pad location.)

- (1) Proposed location and attendant lines shall be flagged off of well pad prior to archaeological clearance.
- (2) Dimensions of facilities
- (3) Construction methods and materials
- (4) Protective measures and devices to protect livestock and wildlife

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Note: Operator has option of submitting information under 4A and B, after well is completed for production, by applying for approval of subsequent operations.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

Tank batteries will be placed on the Northeast Stakes #1 & #2. All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

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5. Location and Type of Water Supply

- a. Show location and type of water supply, either by 1/4, 1/4 section on a map or by written description Sec 9-T8S-R20E No. 43-10447
- b. State method of transporting water, and show any roads or pipelines needed.
- c. If water well is to be drilled on lease, so state.  
\*The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

- a. Show information either on map or by written description - Surface and subsoil materials in the immediate area will be utilized to build the location
- b. Identify if from Federal or Indian (tribal or allotted) land. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2.3. Construction material will not be located on lease.
- c. Describe where materials such as sand, gravel, stone, and soil material are to be obtained and used. No construction materials will be removed from Federal land.

\*If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

\*A mineral materials application (is/is not) required.

LEASING SECTION  
OIL AND GAS DIVISION  
BUREAU OF LAND MANAGEMENT  
OIL, GAS AND MINING

7. Methods of Handling Waste Disposal

- a. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:

- (1) Cuttings - bury in pit
- (2) Sewage - haul to sewer lagoon
- (3) Garbage (trash) and other waste material - haul to disposal
- (4) Salts - not used
- (5) Chemicals - non-toxic only; evaporate in pit

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After first production, produced waste water will be confined to an unlined or lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

- b. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. Haul off  
All fluids will be hauled off by Ace Disposal & MCMC for disposal.

\*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

- c. 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 completing of wells with the NBU. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the NBU. Specific APDs shall address any modifications from this policy.

On BLM administered lands:

The reserve pit shall be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined with a 12 mil pit liner only under the following conditions:

1. If we have to blast the pit, or
2. If the non-blasted pit will not hold fluid.

If these conditions do not exist, we will not line the pit.

If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil in thickness.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

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8. Ancillary Facilities

Camp facilities or airstrips will not be allowed unless otherwise approved.

9. Well Site Layout--provide a plat (not less than 1" = 50') showing:

- a. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
- b. Location of mud tanks, reserve, and flare pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location.)
- c. Rig orientation, parking areas, and access roads, etc.

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The reserve pit will be located on the: Southwest stakes #4 & #5

The flare pit will be located downwind of the prevailing wind direction on the Southwest stake #5 a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil (first four inches) will be stored on the: around edge of location  
Access to the well pad will be from the: West Stake #7

Diversion ditch(es) shall be constructed on the \_\_\_\_\_ side of the location.  
(above/below) the cut slope draining to the \_\_\_\_\_.

Soil compacted earthen berm(s) shall be placed on the \_\_\_\_\_ side(s) of the location between the \_\_\_\_\_.

The drainage(s) shall be diverted around the \_\_\_\_\_ side(s) of the well pad location.

The reserve pit and/or pad location shall be constructed long and narrow for topographic reasons \_\_\_\_\_.

The West corner of the well pad will be rounded off as needed.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a. 39-inch net wire shall be used with at least one stand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- b. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood, or pipe posts shall be used between the corner braces: Maximum distance between any two posts shall be no greater than 16 feet.

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- e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguard (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. Plans for Restoration of Surface

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a. Producing Location

Immediately upon well completion; the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it 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. The reserve pit will be reclaimed within 6 months from the date of well completion. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

b. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership:

Access Road: Ute Indian Tribe Location: Ute Indian Tribe

"If the access road and/or location involves private or state agency owned surface, a copy of the surface owners agreement is required prior to approval of the APD."

CL, SURFACE OWNERS

12. Other Additional Information

- a. The Operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to :

**CONFIDENTIAL**

- whether the materials appear eligible for the National Register of Historic Places;

- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible to mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- b. The operator will control noxious weeds along right-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- c. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- d. A 4" pipeline is proposed to run parallel to the access road, approximately 900', until it ties into the main gathering system. See Exhibit D.

Additional Surface Stipulations

\_\_\_\_\_ No construction or drilling activities shall be conducted between \_\_\_\_\_ and \_\_\_\_\_ because of \_\_\_\_\_

\_\_\_\_\_ No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.

\_\_\_\_\_ No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

RECEIVED  
MAY 11 2011  
BLM, SOUTHWEST REGION

- \_\_\_\_\_ There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).
- \_\_\_\_\_ No cottonwood trees will be removed or damaged.
- \_\_\_\_\_ A silt catchment dam and basin will be constructed according to BLM specifications, where flagged.

13. Lessee's or Operators Representative and Certification

Representative

**CONFIDENTIAL**

Name: Mitchiel Hall  
 Address: P. O. Box 1360 Roosevelt, Utah 84066  
 Phone No: (435) 722-4521

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

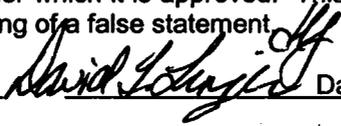
A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

February 13, 2001  David L. Linger, Onshore Drilling Manager  
 Date Name and Title

Onsite Date: January 17, 2001

Participants on Joint Inspection

<u>Chuck Emerson</u>	<u>Dominion Exploration &amp; Production, Inc.</u>
<u>Ed Trotter</u>	<u>Land Consultant</u>
<u>Chuck White</u>	<u>Jackson Construction</u>
<u>Brent Stubbs</u>	<u>Stubbs Construction</u>
<u>Alvin Ignacio</u>	<u>Tribal Technician</u>
<u>Manuel Myore</u>	<u>BIA Representative</u>
<u>John Ecoll</u>	<u>Uintah Engineering</u>
<u>Mitchiel Hall</u>	<u>Dominion Exploration &amp; Production, Inc.</u>

[Faint stamps and markings]

# DOMINION EXPLR. & PROD., INC.

HCU #11-30F

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 30, T10S, R20E, S.L.B.&M.

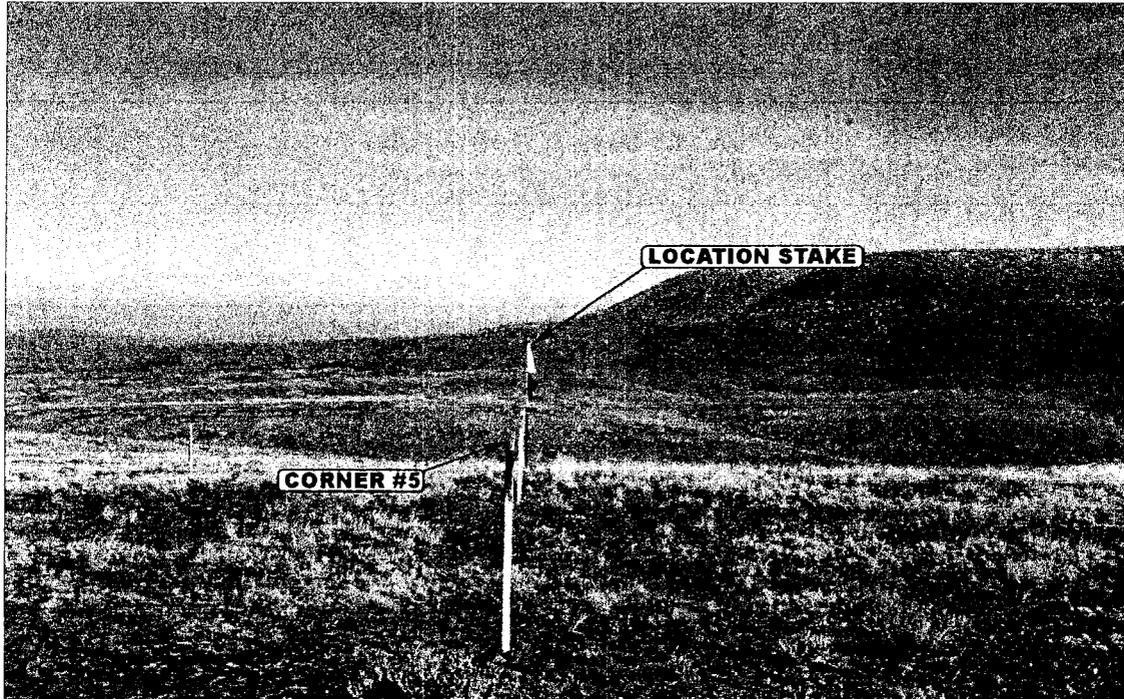


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS	12	5	00	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: G.S.	DRAWN BY: K.G.		REVISED: 00-00-00	

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

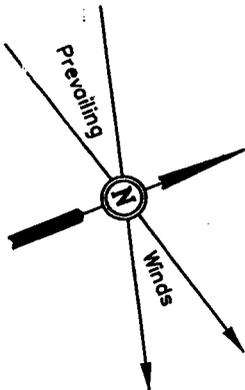
**LOCATION LAYOUT FOR**

HCU #11-30F

SECTION 30, T10S, R20E, S.L.B.&M.

1463' FSL 3109' FWL

Proposed Access Road



SCALE: 1" = 50'  
DATE: 11-28-00  
Drawn By: D.COX

Approx. Top of Cut Slope

F-5.8'  
El. 82.0'

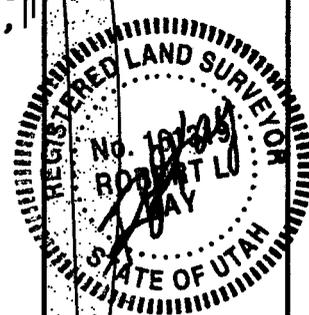
Topsoil Stockpile

Sta. 3+25

Round Corners as Needed

C-1.4'  
El. 89.2'

F-2.8'  
El. 85.0'



Approx. Toe of Fill Slope

Subsoil Stockpile

CATWALK 175'

PIPE RACKS

FLARE PIT  
El. 92.7'  
C-4.9'

El. 92.4'  
C-4.6'

C-3.0'  
El. 90.8'

Sta. 1+50

F-7.4'  
El. 80.4'

El. 92.9'  
C-13.1'  
(btm. pit)

Reserve Pit Backfill & Spoils Stockpile

Pit Capacity With 2' of Freeboard is 10,040 Bbls. ±

Sta. 0+80

RESERVE PITS (8' Deep)

El. 93.5'  
C-13.7'  
(btm. pit)

10' WIDE BENCH

140'

Slope = 1-1/2:1

30'

35'

RIG

DOG HOUSE

120'

MUD TANKS

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

Sta. 0+50

TRASH

C-4.6'  
El. 92.4'

3

C-1.9'  
El. 89.7'

STORAGE TANK

TRAILER

TOILET

FUEL

Sta. 0+00

C-4.5'  
El. 92.3'

T.S.

F-7.0'  
El. 80.8'

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Elev. Ungraded Ground at Location Stake = 5290.8'

Elev. Graded Ground at Location Stake = 5287.8'

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

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

**TYPICAL CROSS SECTIONS FOR**

HCU #11-30F

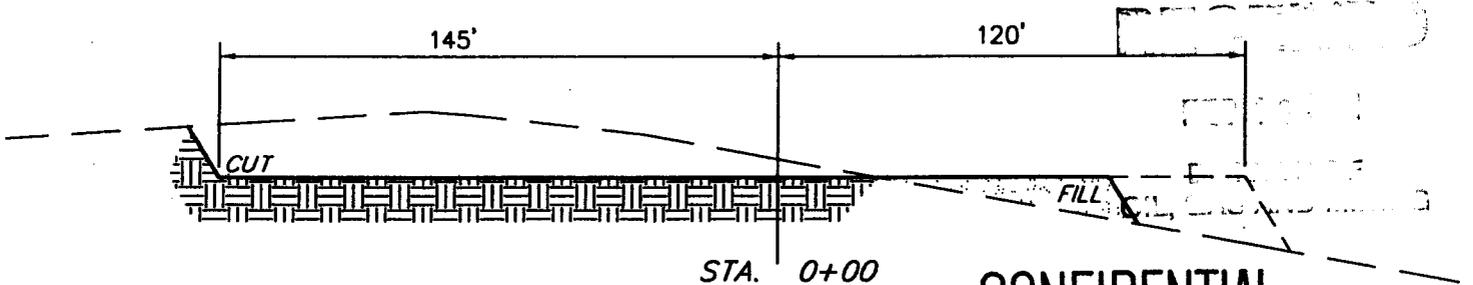
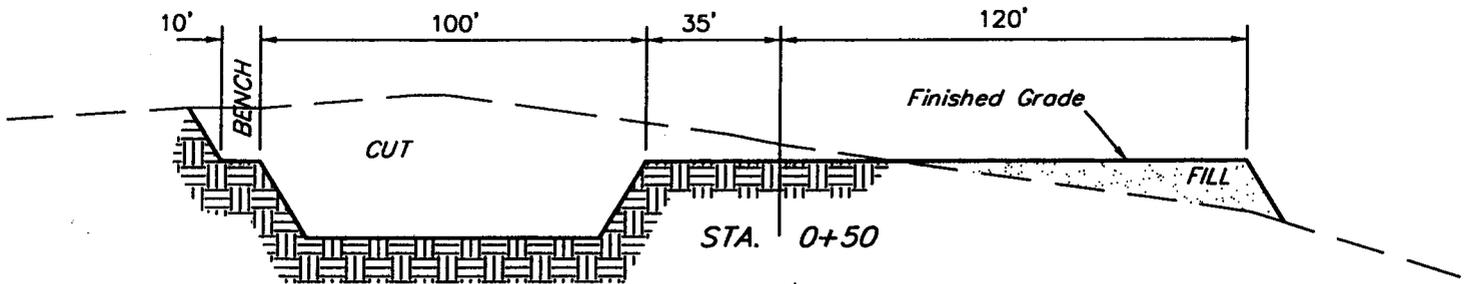
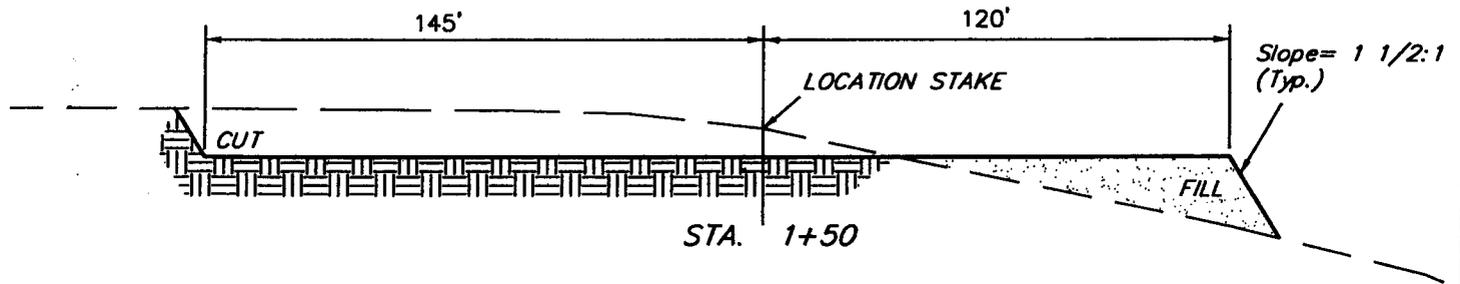
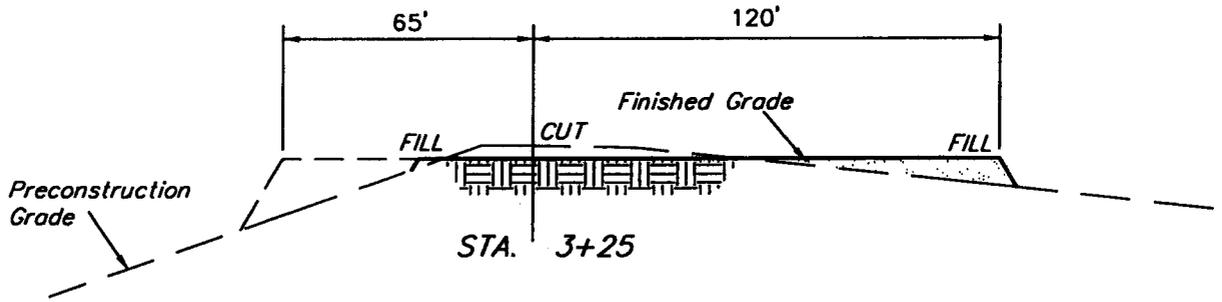
SECTION 30, T10S, R20E, S.L.B.&M.

1463' FSL 3109' FWL



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

DATE: 11-28-00  
Drawn By: D.COX



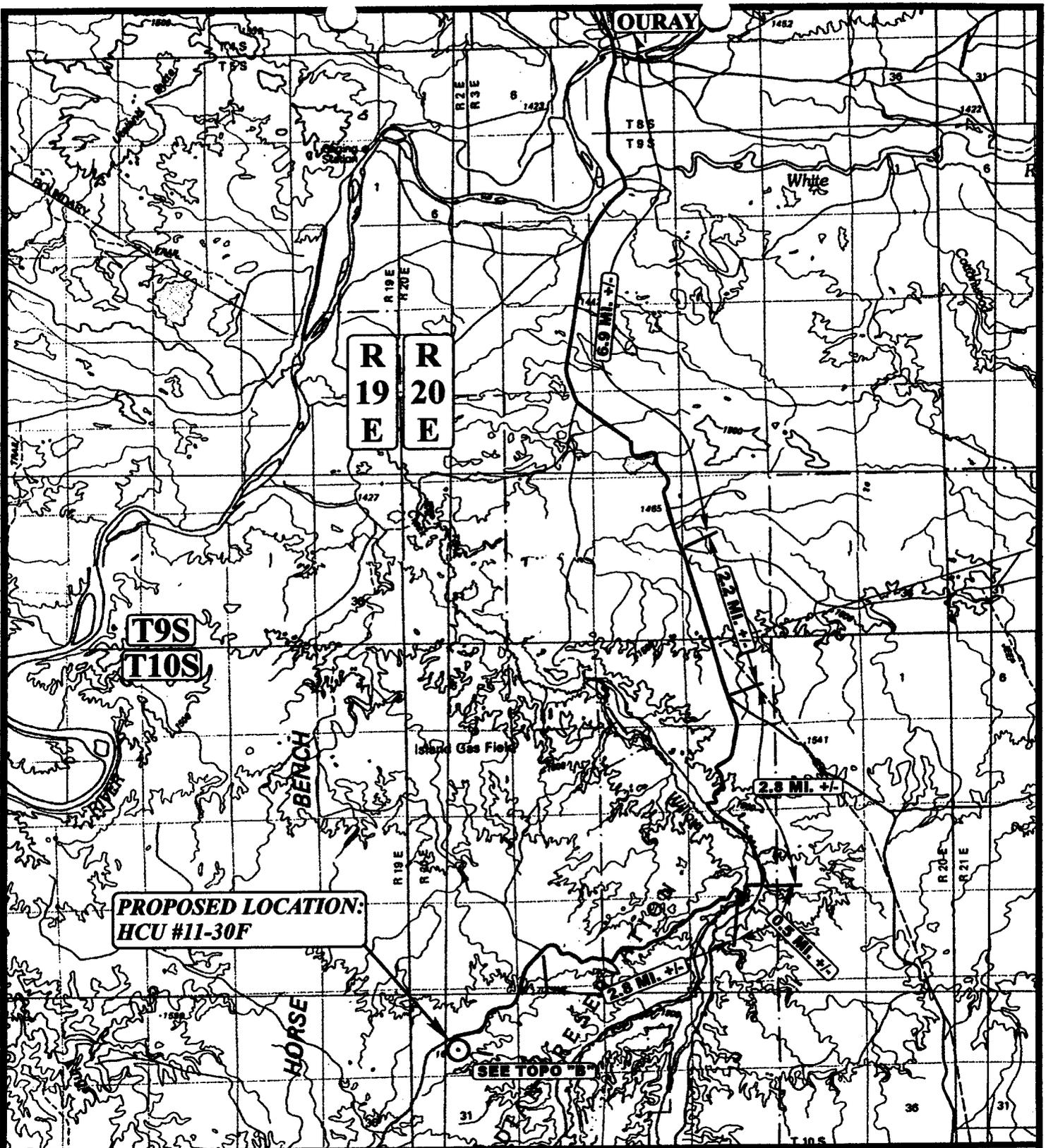
**CONFIDENTIAL**

**APPROXIMATE YARDAGES**

CUT	
(12") Topsoil Stripping	= 2,700 Cu. Yds.
Remaining Location	= 7,160 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,860 CU.YDS.</b>
<b>FILL</b>	<b>= 5,350 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,230 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



**LEGEND:**

⊙ PROPOSED LOCATION

**CONFIDENTIAL**

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

**HCU #11-30F  
SECTION 30, T10S, R20E, S.L.B.&M.  
1463' FSL 3109' FWL**



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

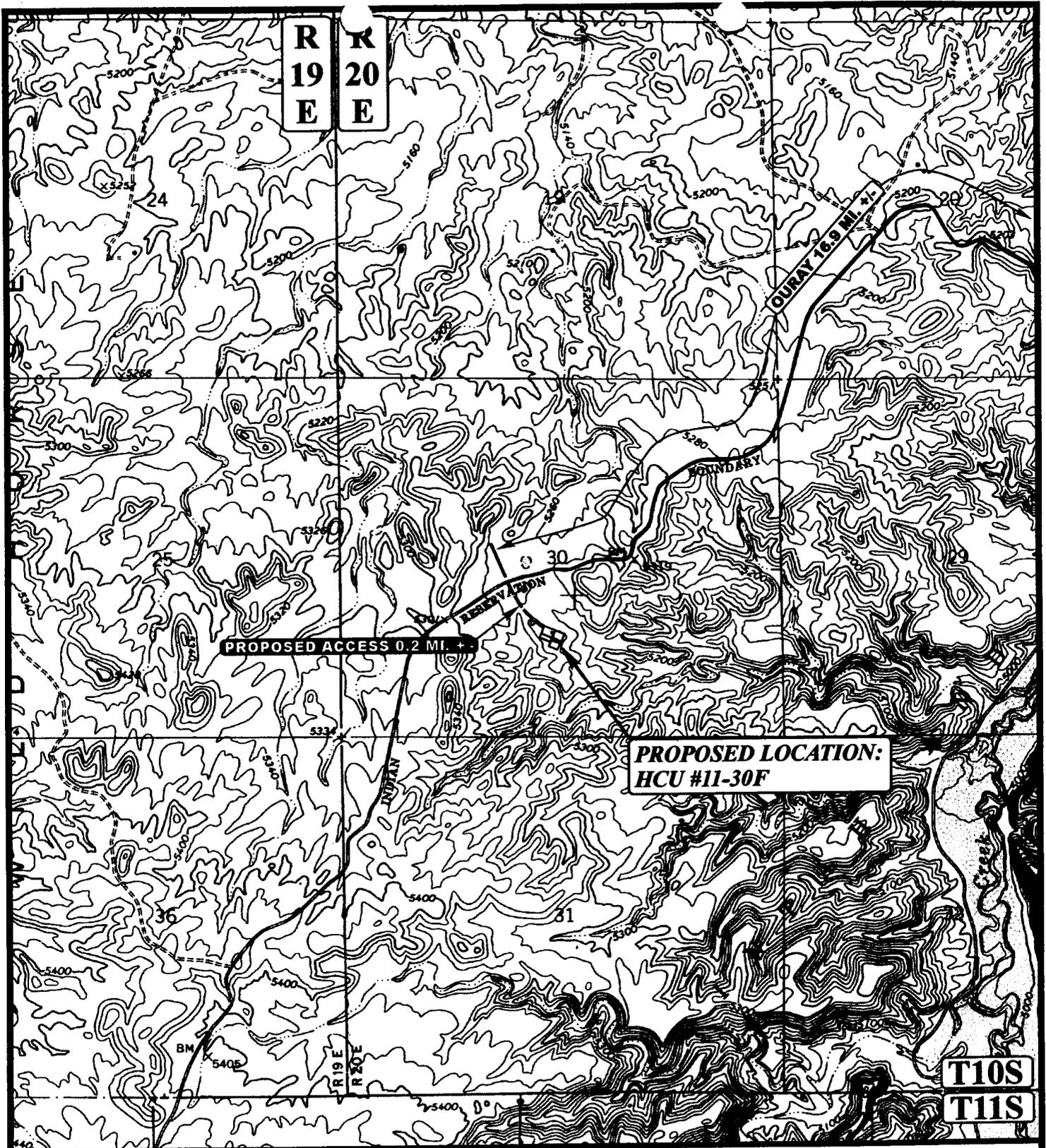


**TOPOGRAPHIC  
MAP**

<b>12</b>	<b>5</b>	<b>00</b>
MONTH	DAY	YEAR

SCALE: 1: 100,000 DRAWN BY: K.G. REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

CONFIDENTIAL

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

**HCU #11-30F**  
**SECTION 30, T10S, R20E, S.L.B.&M.**  
**1463' FSL 3109' FWL**

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



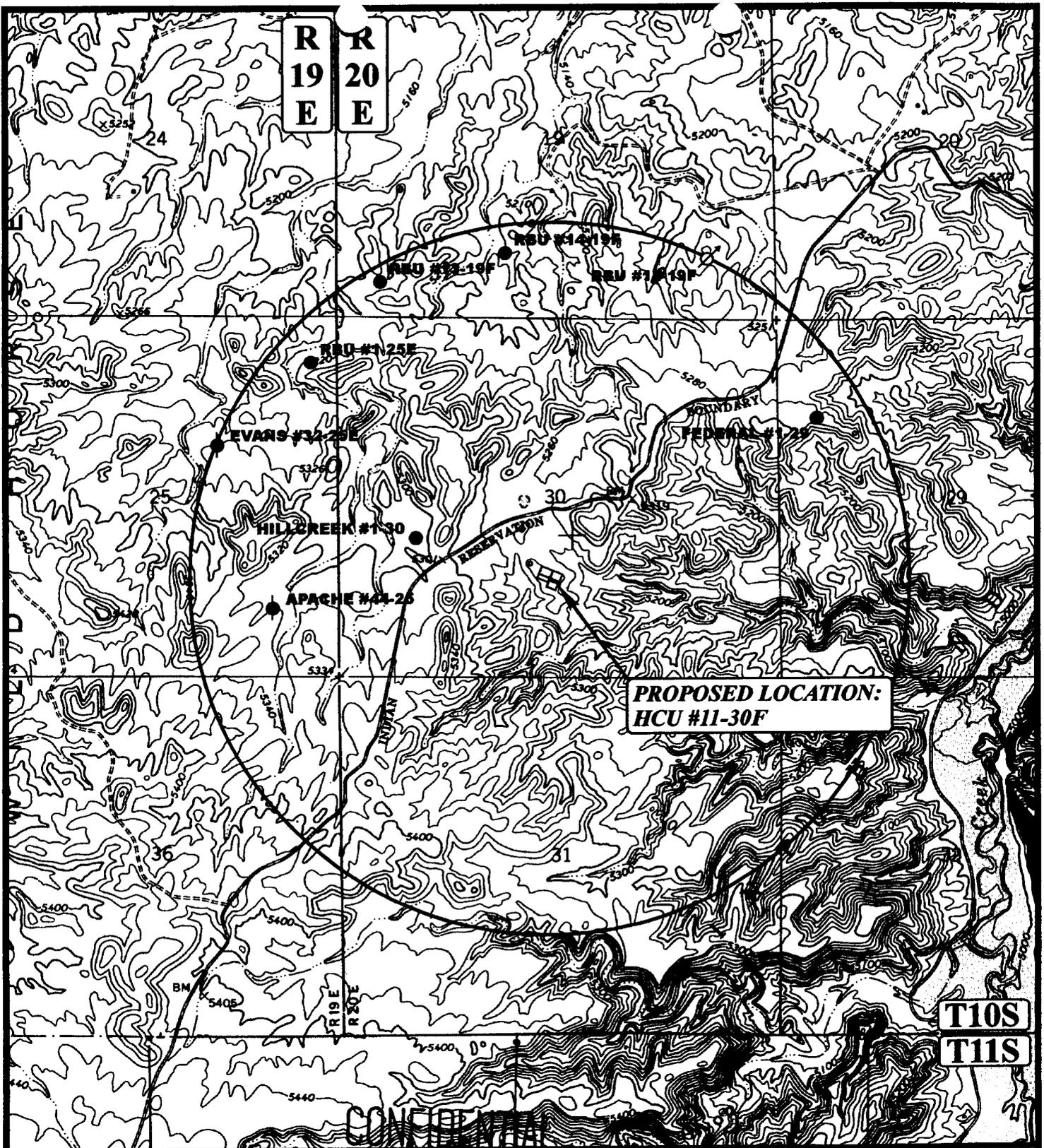
**TOPOGRAPHIC**  
**M A P**

SCALE: 1" = 2000'    DRAWN BY: K.G.    REVISED: 00-00-00

<b>12</b>	<b>5</b>	<b>00</b>
MONTH	DAY	YEAR

B

TOPO



**PROPOSED LOCATION:  
HCU #11-30F**

**T10S  
T11S**

**LEGEND:**

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

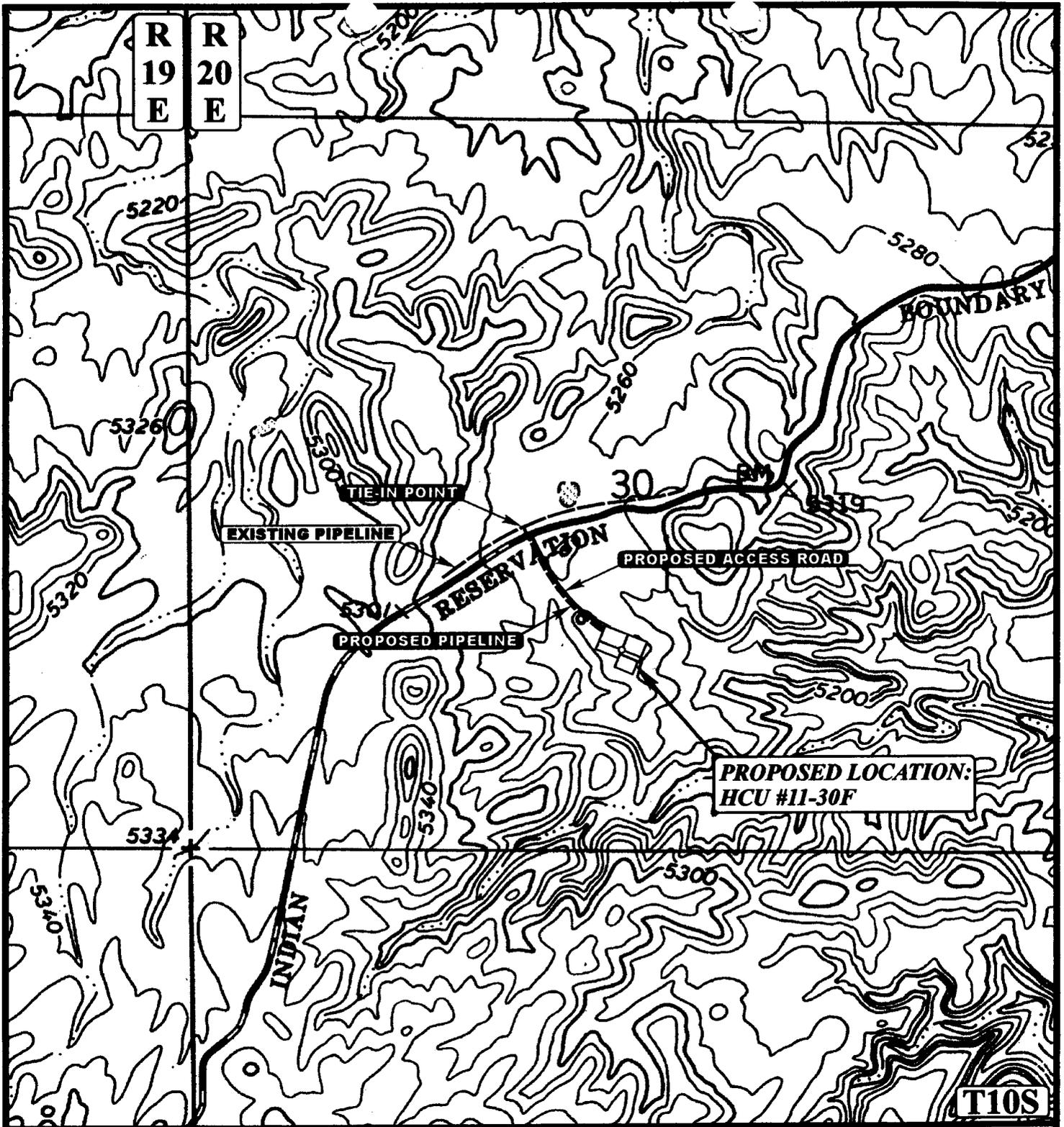
**DOMINION EXPLR. & PROD., INC.**

**HCU #11-30F  
SECTION 30, T10S, R20E, S.L.B.&M.  
1463' FSL 3109' FWL**

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



**TOPOGRAPHIC** **12** **5** **00**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00 **C**  
 TORO



APPROXIMATE TOTAL PIPELINE DISTANCE = 900' +/-

**LEGEND:**

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

**CONFIDENTIAL**



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

HCU #11-30F  
 SECTION 30, T10S, R20E, S.L.B.&M.  
 1463' FSL 3109' FWL



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

**TOPOGRAPHIC**  
**MAP**

**12 5 00**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00





**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/16/2001

API NO. ASSIGNED: 43-047-33965

WELL NAME: HCU 11-30F  
 OPERATOR: DOMINION EXPL & PROD ( N1095 )  
 CONTACT: MITCHIEL HALL

PHONE NUMBER: 435-722-4521

PROPOSED LOCATION:

NESW 30 100S 200E  
 SURFACE: 1463 FSL 3109 FWL  
 BOTTOM: 1463 FSL 3109 FWL  
 UINTAH  
 NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1-Federal  
 LEASE NUMBER: U-30693  
 SURFACE OWNER: 2-Indian

PROPOSED FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

- Flat
- Bond: Fed~~Y~~[1] Ind[] Sta[] Fee[]  
(No. 76S6305036 )
- Potash (Y/N)
- Oil Shale (Y/N) \*190-5 (B) or 190-3
- Water Permit  
(No. 43-1721 )
- 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: 8-17-2000  
Siting: 460' Fr. Unit Boundary
- R649-3-11. Directional Drill

COMMENTS:

\_\_\_\_\_

\_\_\_\_\_

STIPULATIONS:

- ① FEDERAL APPROVAL
- ② OIL SHALE

\_\_\_\_\_

\_\_\_\_\_



**Dominion Exploration & Production, Inc.**  
Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750, Houston, TX 77060-2133



February 16, 2001

Utah Board of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

Attention: Lisha Cordova

RE: Rule 649-3-2  
Exception to Location & Siting of Well

Dominion Exploration & Production, Inc. is requesting exception to Rule 649-3-2 for the following wells, due to topography.

HCU 11-30F Sec. 30, T10S, R20E  
HCU 13-30F Sec. 30, T10S, R20E

Each of the above referenced wells is greater than 920' from an existing well. Dominion Exploration & Production, Inc. is the only owner within a 460' radius for each of these wells. The Ute Indian Tribe is the surface owner for each well.

If you require additional information please contact me at (281) 873-3692. Thank you for your attention to this matter.

Sincerely,

**Dominion Exploration & Production, Inc.**

Diann Flowers  
Regulatory Specialist

Cc: Ed Forsman – BLM  
David Linger  
Mitch Hall  
Well File

**RECEIVED**

FEB 20 2001

DIVISION OF  
OIL, GAS AND MINING

# 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)

February 22, 2001

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2001 Plan of Development Hill Creek Unit,  
Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the Hill Creek Unit, Uintah County, Utah.

Api Number	Well	Location
------------	------	----------

(Proposed PZ Mesa Verde)

- \* 43-047-33964 HCU 8-30F Sec.30, T10S, R20E 2105 FNL 0826 FEL TD 11500'
- 43-047-33965 HCU 11-30F Sec.30, T10S, R20E 1463 FSL 3109 FWL TD 11500'
- \* 43-047-33966 HCU 13-30F Sec.30, T10S, R20E 0200 FSL 1046 FWL TD 11500'

\* Approved to 9500' in 2001 POD on September 28, 2001.

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:2-22-1



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 26, 2001

Dominion Exploration & Production, Inc.  
16945 Northchase Dr, Suite 1750  
Houston, TX 77060-2133

Re: Hill Creek Unit 11-30F Well, 1463' FSL, 3109' FWL, NE SW, Sec. 30, 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 43-047-33965.

Sincerely,

for John R. Baza  
Associate Director

er  
Enclosures

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

**Operator:** Dominion Exploration & Production, Inc.  
**Well Name & Number** Hill Creek Unit 11-30F  
**API Number:** 43-047-33965  
**Lease:** U-30693

**Location:** NE SW      **Sec.** 30      **T.** 10 South      **R.** 20 East

### Conditions of Approval

**1. General**

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

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

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

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

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

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

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

**UNITED STATES  
DEPARTMENT OF THE INTERIOR**

SUBMIT IN TRIPLI  
(Other instructions  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-30693
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE INDIAN TRIBE
2. NAME OF OPERATOR DOMINION EXPLORATION & PRODUCTION, INC.		7. UNIT AGREEMENT NAME HILLCREEK UNIT AREA
3. ADDRESS AND TELEPHONE NO. 16945 NORTHCHASE DRIVE, SUITE 1750 HOUSTON, TEXAS 77060-2133		8. FARM OR LEASE NAME, WELL NO. HCU 11-30F
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface 3109' FWL & 1463' FSL At proposed prod. zone		9. API WELL NO.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16.9 miles Southwest of Ouray		10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OF LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1463'	16. NO. OF ACRES IN LEASE 640	11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA NE SW Sec. 30, T10S, R20E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'	19. PROPOSED DEPTH 11,500'	12. COUNTY OR PARISH UINTAH
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR: 5291'	20. ROTARY OR CABLE TOOLS ROTARY	13. STATE UTAH
22. APPROX. DATE WORK WILL START* 03/15/2001		

RECEIVED  
FEB 15 2001

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	K-55; 13-3/8"	54.5#	84'	CEMENTED TO SURFACE
12-1/4"	K-55; 8-5/8"	24# & 32#	3,000'	931 SXS; CEMENTED TO SURFACE
7-7/8"	P-110; 5-1/2"	17#	11,500'	1120 SXS; CEMENT CALC TO SURFACE

1. Primary zones of interest are the Wasatch, Chapita Wells and Uteland Buttes.
2. All zones indicating potential for economically recoverable reserves will be tested in a normal, purdent manner.
3. In the envent circulation is lost, air or air assisted mud will be utilized.

**CONFIDENTIAL**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on 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 David L. Long TITLE Onshore Drilling Manager DATE February 13, 2001

(This space for Federal or State office use)

**NOTICE OF APPROVAL**

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 Howard R. Cleaver TITLE Assistant Field Manager Mineral Resources

\*See Instructions On Reverse Side

RECEIVED  
APR 05 2001

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

**CONDITIONS OF APPROVAL ATTACHED** DIVISION OF GAS AND MINING

**UNITED STATES  
DEPARTMENT OF THE INTERIOR**

BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-30693</b>	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input 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>HILLCREEK UNIT AREA</b>	
3. ADDRESS AND TELEPHONE NO. <b>16945 NORTHCHASE DRIVE, SUITE 1750 HOUTSON, TEXAS 77060-2133</b>		8. FARM OR LEASE NAME, WELL NO. <b>HCU 13-30F</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>1046' FWL &amp; 200' FSL</b> At proposed prod. zone		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>17.4 miles Southwest of Ouray</b>		10. FIELD AND POOL, OR WILDCAT <b>NATURAL BUTTES</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OF LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>200'</b>	16. NO. OF ACRES IN LEASE <b>640</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW SW Sec. 30, T10S, R20E</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1800'</b>	19. PROPOSED DEPTH <b>11,500'</b>	12. COUNTY OR PARISH      13. STATE <b>UINTAH      UTAH</b>	
20. ROTARY OR CABLE TOOLS <b>ROTARY</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>80</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR: 5336'</b>		22. APPROX. DATE WORK WILL START* <b>03/15/2001</b>	

**RECEIVED  
FEB 15 2001**

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	K-55; 13-3/8"	54.5#	84'	CEMENTED TO SURFACE
12-1/4"	K-55; 8-5/8"	24# & 32#	3,000'	931 SXS; CEMENTED TO SURFACE
7-7/8"	P-110; 5-1/2"	17#	11,500'	1120 SXS; CEMENT CALC TO SURFACE

- Primary zones of interest are the Wasatch, Chapita Wells and Uteland Buttes.
- All zones indicating potential for economically recoverable reserves will be tested in a normal, prudent manner.
- In the event circulation is lost, air or air assisted mud will be utilized.

**CONFIDENTIAL**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on 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 David L. Longie TITLE Onshore Drilling Manager DATE February 13, 2001

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE **NOTICE OF APPROVAL**

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 David B. Clewley TITLE Assistant Field Manager DATE 03/29/2001  
Mineral Resources

**\*See Instructions On Reverse Side**

**RECEIVED**

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**CONDITIONS OF APPROVAL ATTACHED**      DIVISION OF OIL AND MINING

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion Exploration & Production, Inc.

Well Name & Number: HCU 11-30F

API Number: 43-047-33965

Lease Number: U - 30693

Location: NESW Sec. 30 T. 10S R. 20E

Agreement: Hillcreek 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 FOR NOTICE TO DRILL

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.

The operator is fully responsible for the actions of his All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

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 Tim Ingwell 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.

#### 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 **5M** 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.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

In addition, to the cementing proposal for the surface casing, a minimum of 200 ft. of Class G neat cement shall be placed from 200 ft. to surface in the 8 5/8" X 13

3/8" -12 1/4" annulus.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the surface casing shoe at 3,000 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

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

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

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

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

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 the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. 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.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final

abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

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. Tests for meter accuracy will be conducted on initial meter installations and 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, please contact one of the following individuals:

Ed Forsman  
Petroleum Engineer

(435) 789-7077 (HOME)

(435) 646-1685 (PAGER)

Kirk Fleetwood  
Petroleum Engineer

(435) 789-6858 (HOME)

(435) 646-1678 (PAGER)

Jerry Kenczka  
Petroleum Engineer

(435) 781-1190 (HOME)

(435) 646-1676 (PAGER)

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, spend solvents, spilled chemicals, and waste acids

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**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 required for the construction of the pipeline. Dominion is to inform contractors to maintain construction of the pipelines within approved 60 foot corridor right of ways.

A corridor ROW, 60 feet wide, shall be granted for access road and pipeline. The constructed travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

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 paleontologic 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 paleontologic 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. About 17 rods of 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 part of the corridor ROW will not be bladed or cleared of vegetation without authorization of the BIA. Where surface pipelines do not parallel roads but cross country between stations, they shall be welded in place at well sites or on access roads. They shall be pulled between stations with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

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 reseeded all disturbed areas.

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion Exploration & Production, Inc.

Well Name & Number: HCU 13-30F

API Number: 43-047-33966

Lease Number: U - 30693

Location: LOT 4 (SWSW) Sec. 30 T. 10S R. 20E

Agreement: Hillcreek 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 FOR NOTICE TO DRILL

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### A. DRILLING PROGRAM

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

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All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected.

#### 2. Pressure Control Equipment

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#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

In addition, to the cementing proposal for the surface casing, a minimum of 200 ft.

of Class G neat cement shall be placed from 200 ft. to surface in the 8 5/8" X 13 3/8" -12 1/4" annulus.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the surface casing shoe at 3,000 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

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

**Immediate Report:** Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

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 the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. 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.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final

abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

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. Tests for meter accuracy will be conducted on initial meter installations and 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, please contact one of the following individuals:

Ed Forsman  
Petroleum Engineer

(435) 789-7077 (HOME)

(435) 646-1685 (PAGER)

Kirk Fleetwood  
Petroleum Engineer

(435) 789-6858 (HOME)

(435) 646-1678 (PAGER)

Jerry Kenczka  
Petroleum Engineer

(435) 781-1190 (HOME)

(435) 646-1676 (PAGER)

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 required for the construction of the pipeline. Dominion is to inform contractors to maintain construction of the pipelines within approved 30 foot right of ways.

A ROW, 30 feet wide, shall be granted for pipeline and for the access road. The constructed travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

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 paleontologic 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 paleontologic 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. About 17 rods of 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 ROW will not be bladed or cleared of vegetation without authorization of the BIA. Where surface pipelines do not parallel roads but cross country between stations, they shall be welded in place at well sites or on access roads. They shall be pulled between stations with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

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 reseeded all disturbed areas.

**CONFIDENTIAL**

**ENTITY ACTION FORM**

Operator: Dominion Expl. & Prod., Inc.  
Address: 16945 Northchase Drive, Suite 1750  
city Houston  
state TX zip 77060

Operator Account Number: N 1095  
Phone Number: (281) 873-3692

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304733965	HCU 11-30F	nesw	30	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
B	99999	12829	9/8/2001		9/17/01 <del>9/8/2001</del>	
<b>Comments:</b> Part of Hill Creek Unit 9-17-01						

**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	
<b>Comments:</b>						

**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	
<b>Comments:</b>						

**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)

Diann Flowers

Name (Please Print)

*Diann Flowers*  
Signature

Regulatory Specialist

Title

9/10/2001

Date

RECEIVED  
SEP 17 2001  
DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposal 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 EXPL. & PROD., INC.

3a. Address  
 16945 Northchase Drive, Suite 1750 Houston, Texas 77060

3b. Phone No. (include area code)  
 281-873-3692

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 3109' FWL & 1463' FSL  
 NE, SW Sec. 30, T10S, R20E

5. Lease Serial No.  
 UTU-30693

6. If Indian, Allottee or Tribe Name  
 UTE INDIAN TRIBE

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

8. Well Name and No.  
 HCU 11-30F

9. API Well No.  
 43-047-33965

10. Field and Pool, or Exploratory Area  
 NATURAL BUTTES

11. County or Parish, State  
 Uintah County, Utah

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

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

13. Describe Proposed or Coompleted 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 recompleate 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Move and rig up Patterson Rig #12. Spud HCU 11-30F on 09/08/2001 at approximately 9:30 pm. Drilled to 375' and ran survey. Currently drilled to 1481'.

**RECEIVED**

SEP 17 2001

DIVISION OF  
OIL, GAS AND MINING

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

Title    Regulatory Specialist

Signature *Diann Flowers*    Date    09/10/2001

THIS SPACE IS NOT FOR GENERAL USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**  
FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposal 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 EXPL. & PROD., INC.**

3a. Address  
**16945 Northchase Drive, Suite 1750 Houston, Texas 77060**

3b. Phone No. (include area code)  
**281-873-3692**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**3109' FWL & 1463' FSL  
 NE, SW Sec. 30, T10S, R20E**

5. Lease Serial No.  
**UTU-30693**

6. If Indian, Allottee or Tribe Name  
**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.  
**HILL CREEK UNIT**

8. Well Name and No.  
**HCU 11-30F**

9. API Well No.  
**43-047-33965**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES**

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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

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

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

Operations: 9/11/01 through 9/20/01

Drilled to 3030'. Ran 49 jts 8-5/8", 24#, J-55 casing set at 3020' with 675 sx G cement. Ran 200' tbg, mix & pump 100 sx cmt, no returns, wait 2 hrs & pump another 100 sx to fill. Drilling ahead. Currently at 9320'.

**RECEIVED**

OCT 01 2001

DIVISION OF  
OIL, GAS AND MINING

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

Signature *Diann Flowers*

Title **Regulatory Specialist**

Date **09/21/2001**

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

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

5. Lease Serial No.  
**UTU-30693**

6. If Indian, Allottee or Tribe Name  
**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.  
**HILL CREEK UNIT**

8. Well Name and No.  
**HCU 11-30F**

9. API Well No.  
**43-047-33965**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES**

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**DOMINION EXPL. & PROD., INC.**

3a. Address  
**16945 Northchase Drive, Suite 1750 Houston, Texas 77060**

3b. Phone No. (include area code)  
**281-873-3692**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**3109' FWL & 1463' FSL  
NE, SW Sec. 30, T10S, R20E**

**CONFIDENTIAL**

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

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

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Operations: 9/20/01 through 10/5/2001

Continued to drill ahead. No problems. Drilled to TD of 10,308'. Ran DEN/NEU/MSFL/GR. C&C hole for casing. Ran 249 jts 5-1/2", 17#, P-110 casing set at 10304' with 1760 sacks Prem Lite Cement. Clean Pits. Begin rigging down and moving rig.

**RECEIVED**

OCT 15 2001

DIVISION OF  
OIL, GAS AND MINING

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

Name (Printed/Typed)  
**Diann Flowers**

Signature *Diann Flowers*

Title **Regulatory Specialist**

Date **10/8/2001**

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_



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 proposal to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

*Submit this report to the Office of Operations on reverse side*

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		<b>CONFIDENTIAL</b>
2. Name of Operator <b>DOMINION EXPL. &amp; PROD., INC.</b>		
3a. Address <b>16945 Northchase Drive, Suite 1750 Houston, Texas 77060</b>	3b. Phone No. (include area code) <b>281-873-3692</b>	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>3109' FWL &amp; 1463' FSL NE, SW Sec. 30, T10S, R20E</b>		

5. Lease Serial No. <b>UTU-30693</b>
6. If Indian, Allottee or Tribe Name <b>UTE INDIAN TRIBE</b>
7. If Unit or CA/Agreement, Name and/or No. <b>HILL CREEK UNIT</b>
8. Well Name and No. <b>HCU 11-30F</b>
9. API Well No. <b>43-047-33965</b>
10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES</b>
11. County or Parish, State <b>UINTAH COUNTY, UTAH</b>

**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 checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Drilling</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Operations</u>
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13. Describe Proposed or Coompleted 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 final site is ready for final inspection.)

Operations: 11/2401 through 12/10/01

Continued flow testing. Moved in and cleaned up location, set tanks, meter house and 2" meter run. Ran flow lines, fuel lines and dump lines. Installed gas meter. RU methanol pumps.

First sales: 11/2401

Set frac plug on 12/9/01. Peforated interval #2, Mesaverde. Will frac 12/11/01.

**RECEIVED**

DEC 17 2001

DIVISION OF  
OIL, GAS AND MINING

**CONFIDENTIAL**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Diann Flowers</b>	Title <b>Regulatory Specialist</b>
Signature <i>Diann Flowers</i>	Date <b>12/11/01</b>

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

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

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

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

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UTU-30693

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

HILL CREEK UNIT

8. FARM OR LEASE NAME, WELL NO.

HCU 11-30F

9. API WELL NO.

43-047-33965

10. FIELD AND POOL, OR WILDCAT

NATURAL BUTTES

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

NE, SW Sec 30, T10S, R20E

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

b. TYPE OF COMPLETION: NEW DRILL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

2. NAME OF OPERATOR

Dominion Expl. & Prod., Inc.

3. ADDRESS AND TELEPHONE NO.

16945 Northchase Drive, Suite 1750 Houston, Texas 77060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 3109' FWL & 1463' FSL

At top prod. interval reported below

At total depth

CONFIDENTIAL

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14. PERMIT NO. 43-047-33965	DATE ISSUED 2-26-01	12. COUNTY OR PARISH Uintah	13. STATE Utah
--------------------------------	------------------------	--------------------------------	-------------------

15. DATE SPUNDED 9-8-01	16. DATE T.D. REACHED 9-22-01	17. DATE COMPL. (Ready to prod.) 11-26-01	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR: 5291'	19. ELEV. CASINGHEAD
----------------------------	----------------------------------	--	--	----------------------

20. TOTAL DEPTH, MD & TVD 10,304'	21. PLUG, BACK T.D., MD & TVD 10,156'	22. IF MULTIPLE COMPL., HOW MANY*	22. INTERVALS DRILLED BY →	ROTARY TOOLS x	CABLE TOOLS
--------------------------------------	--	-----------------------------------	-------------------------------	-------------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
*USA 60*  
CHAPITA WELLS - MESAVERDE 5214-9629

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN *CBL-GR-CCH-12-3-01*  
*40LL/MSFL/DEN/NEU/GR - 11-29-01*

27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" J-55	54.5	84'	17-1/2"	SURFACE; CONDUCTOR	
8-5/8" J-55	32/24	3020'	12-1/4"	SURFACE; 675 SX LITE/G	
5-1/2" P-110	17	10304'	7-7/8"	SURFACE; 1760 SX LITE	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) #1. 9366-9629; .45; 30 HOLES #2. 5214-5324; .43; 40 HOLES	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	9366-9629	128,700# 20/40 LC
	5214-5324	150,040# 20/40 OTTAWA

33.\* PRODUCTION

DATE FIRST PRODUCTION 11-24-01	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	WELL STATUS (Producing or shut-in) Producing
-----------------------------------	---	---

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
12-14-01	24	15/64	→	30	1175	129	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
209	1212	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold

PERIOD EXPIRED  
ON 12-26-02

TEST WITNESSED BY  
Ken Secret

35. LIST OF ATTACHMENTS  
LOGS FORWARDED UNDER SEPARATE COVER

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Diana Flouse* TITLE Regulatory Specialist DATE 12/15/2001

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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

37. SUMMARY OF POROUS ZONES: (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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUB VERT. DEPTH
CHAPITA WELLS	5214	5242	SANDSTONE; SUB-ANGULAR; CLR TO WHITE	WASATCH TONGUE	3980'	
CHAPITA WELLS	6128	6150	"	GREEN RIVER TONGUE	4318'	
MESAVERDE	8002	8010	"	WASATCH	4472'	
MESAVERDE	9338	9375	"	CHAPITA WELLS	5410'	
MESAVERDE	9580	9636	"	MESAVERDE	7296'	
MESAVERDE	10142	10158	"			

CONFIDENTIAL

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 Springs Parkway, OKC, OK 73134

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1463' FSL & 3109' FWL, NW/SE Sec. 30-10S-20E

5. Lease Serial No.  
 U-30693

6. If Indian, Allottee or Tribe Name  
 Ute Indian Tribe

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

8. Well Name and No.  
 HCU 11-30F

9. API Well No.  
 43-047-33965

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

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

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

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

9/22/03 Perf'd Mesaverde, Interval #3 8003 - 8015, 30 holes & Uteland Buttes, Interval #4 7043 - 7053, 30 holes. 9/23/04 Frac'd 8003 - 8015 w/47,801# 20/40 AcFrac sand w/340.7 mcsf of N2 and 394 bbls YF120ST.  
 9/23/04 Frac'd 7043 - 7053 w/42,017# 20/40 Ottawa sand w/220.7 mcsf of N2 and 382.5 bbls of YF120ST.  
 10/11/04 Work completed and well returned to sales.

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

Carla Christian

Title Regulatory Specialist

Signature

*Carla Christian*

Date 12/16/2004

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

DEC 20 2004

DIV. OF OIL, GAS & MINING

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

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

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

Operator Name Change/Merger

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

7/1/2007

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

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

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

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

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

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

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

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <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**

(5/2000)

5

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	SENW	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	SENW	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	SENW	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	SENW	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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-30693</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name <b>UTE INDIAN TRIBE</b>
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>HILLCREEK UNIT AREA</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1463' FSL &amp; 3109' FWL NESW SEC 30-T10S-R20E</b>		8. Well Name and No. <b>HCU 11-30F</b>
		9. API Well No. <b>43-047-33965</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES WASATCH-MESAVERDE</b>
		11. County or Parish, State <b>UINTAH UTAH</b>

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

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

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

**XTO Energy, Inc. requests permission to open additional pay & refrac this well per the attached procedures.**

COPY SENT TO OPERATOR

Date: 11/26/2008

Initials: KS

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Date: 11/24/08  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

RECEIVED

NOV 03 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>BARBARA NICOL</b>	Title <b>FILE CLERK</b>
Signature <u>Barbara Nicol</u>	Date <b>10/30/2008</b>

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

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

**DOG M COPY**

RBH \_\_\_\_\_  
TJF \_\_\_\_\_  
DLC \_\_\_\_\_

**Hill Creek Unit #11-30F  
Unit J, Sec 30, T 10 S, R 20 E  
Uintah County, Utah**

**Open Additional Pay & Refrac (Mesaverde & Wasatch)**

**Surf csg:** 8-5/8", 32#, J-55 & 8-5/8", 24#, J-55, ST&C csg @ 3,020'. Circ cmt to surf.  
**Prod csg:** 5-1/2", 17#, P-110, LT&C csg @ 10,304', PBD @ 10,213'  
**Cement:** 350 sx Prem Lite (mixed @ 11.5 ppg & 2.87 cuft/ft) + 1,410 sx Prem Lite cmt (mixed @ 13.0 ppg & 1.96 cuft/ft). Circ cmt to surf.  
**Tbg:** MS, SN, & 255 jts 2-3/8" tbg. EOT @ 7,986', SN @ 7,984'  
**Perforations:** **MV:** 9,624'-9,629', 9,586'-9,588', 9,474'-9,477', 9,366'-9,371' (2 spf, 30 ttl),  
8,003'-8,015' (2.5 spf, 30 ttl), **WA:** 7,043'-7,053' (3 spf, 30 ttl), 5,314'-5,324',  
5,232'-5,237', 5,214'-5,219' (2 spf, 40 ttl)  
**Current:** Shut in  
**CIBP @ 9,306'**

**Completion Procedure**

- 1) MI & set 9 - 500 bbl frac tanks and fill with 2% KCl water. Set flowback tank.
- 2) MIRU PU.
- 3) Blow well down and kill well with 2% KCl water.
- 4) ND WH. NU and pressure test BOP.
- 5) TIH with 2-3/8" tbg. Tag fill. Report any fill to Brock Hendrickson. TOH with BHA.

- 6) TIH with 5-1/2" RBP, 5-1/2" packer, SN, and 2-3/8" tbg. Isolate exposed perfs (5,314'-5,324') by setting the RBP @  $\pm 5,350'$  & packer @  $\pm 5,275'$ .
- 7) Begin swab testing isolated perfs (gather water samples for analysis, including Rw values). *If zone being tested kicks off, gather flowback data. If zone does not kick off, contact Brock Hendrickson and wait for further instructions before proceeding.*
- 8) Isolate exposed perfs (5,214'-5,237') by setting the RBP @  $\pm 5,250'$  & packer @  $\pm 5,150'$ .
- 9) Begin swab testing isolated perfs (gather water samples for analysis, including Rw values). *If zone being tested kicks off, gather flowback data. If zone does not kick off, contact Brock Hendrickson and wait for further instructions before proceeding.*
- 10) TOH with BHA.

*(If either zone is non-productive, prep well for squeeze operations. If productive, continue to Step #14)*

#### **11) CONTACT BLM/Utah OGC PRIOR TO SQUEEZE OPERATIONS.**

- 12) Set composite BP on wireline as required; run retainer on tubing and set  $\pm 50'$  above perforations to be squeezed. Move retainer to closed position and pressure test tubing to 5,000 psi. Open retainer, mix and pump Class G containing 0.3% FL 200 fluid loss additive, 0.2% CD-20 cement dispersant @ 15.8 ppg, (1.15 cf/sk yield, volumes to be determined). Shut down displacement with 1/2 BBL cement left in tubing; sting out of retainer and dump remaining 1/2 BBL cement on top of retainer. Pull 1 jt tubing & pump an additional 1 BBL to clear tubing. TOH and WOC. Use Superior cementing service if possible.
- 13) TIH with bit, casing scraper, collars, and SN on 2-3/8" tubing. Drill out and test individual squeezed interval to 500 psi. DO & CO to CIBP (9,306'). DO CIBP and CO to PBTD (10,213'). TOH tbg & BHA. **At this point if significant water zones are isolated and squeezed off then we will attempt to return the well back to production on plunger lift, otherwise proceed with stimulation and continue to step #14.**

- 14) MIRU wireline truck. RU full lubricator. Log well with GR/CCL log from PBTD (10,213') to  $\pm 5,000'$ . Correlate with the HCU #11-30F Schlumberger Dual Laterolog dated 09/23/01.
- 15) Perf Mesaverde 3-1/8" csg gun with 1 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 5 holes). POH with csg gun.

**Mesaverde Perfs**

PERF	CCL	PERF	CCL
9,583'		9,569'	
9,580'		9,566'	
9,572'			

- 16) RIH and set Baker 4-1/2" x 2-7/8" x 2.312" On/Off tool, 450-237 Model 'WL' Packer w/2-7/8" x 6' L-80 tbg sub, 2-7/8" x 2.312" XN, & 2-7/8" WLEG @  $\pm 9,525'$ . RD WL.
- 17) TIH w/4-1/2" x 2-7/8" x 2.312" On/Off tool w/'X' profile on  $\pm 302$  jts 2-7/8" L-80 6.5# work string (0.24311 gal/ft). Hook up On/Off tool to packer [total capacity – 2,316 gallons (tbg), 2,356 gallons (top perf), 2,417 gallons (btm perf)].
- 18) MIRU frac equip.
- 19) Pressure test surface lines to 9,000 psig. **Max treating pressure is 8,500 psig.** BD perfs with 2% KCl water and EIR. Acidize Mesaverde perfs from 9,566'-9,629' with 1,000 gals of 7.5% NEFE HCl acid and 32 Bio-balls at 12 BPM down 2-7/8" tbg. Flush with 2,500 gals 2% KCl water (2 bbls over flush). Record ISIP, 5", and 10" SIPs. Ball off acid. Surge balls back several times. Shut down for 20 minutes, allowing Bio-balls to dissolve.
- 20) Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.
- 21) Frac Mesaverde perfs down 2-7/8" tubing at 25-40 BPM. Pump 2% KCl slickwater w/50,000 lbs 20/40 Resin Coated proppant followed by 10,000 lbs 20/40 Resin Coated sand (*activated*). Flush with 2,800 gals Water Frac G-R w/additives. Record ISIP & 5" SIP.

<u>Stage 1</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
1 – Acid	1,000	7.5% FE Acid-XTO		
2 – Flush	2,500	2% KCl Water		
3 - Pad	5,000	2% KCl Slickwater		
4 - Proppant Laden Fluid	10,000	2% KCl Slickwater	0.50 lbm/gal	Resin Coated-20/40
5 - Proppant Laden Fluid	12,000	2% KCl Slickwater	1.00 lbm/gal	Resin Coated-20/40
6 - Proppant Laden Fluid	12,000	2% KCl Slickwater	1.25 lbm/gal	Resin Coated-20/40
7 - Proppant Laden Fluid	12,000	2% KCl Slickwater	1.50 lbm/gal	Resin Coated-20/40
8 - Proppant Laden Fluid	6,675	2% KCl Slickwater w/Activator	1.50 lbm/gal	Resin Coated-20/40
9 - Flush	2,800	2% KCl Water		

22) RD frac equip. RU WL truck.

23) Set 'X' plug in bottom profile of packer. RD WL.

24) Release On/Off tool. TOH with BHA.

25) RU WL. Perf Mesaverde 3-1/8" csg gun with 1 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 12 holes). POH with csg gun.

**Mesaverde Perfs**

PERF	CCL	PERF	CCL	PERF	CCL	PERF	CCL
9,503'		9,492'		9,450'		9,418'	
9,500'		9,486'		9,447'		9,416'	
9,496'		9,452'		9,444'		9,413'	

26) RIH and set Baker 4-1/2" x 2-7/8" x 2.312" On/Off tool, 450-237 Model 'WL' Packer w/2-7/8" x 6' L-80 tbg sub, 2-7/8" x 2.312" XN, & 2-7/8" WLEG @ ±9,390'. RD WL.

27) TIH w/4-1/2" x 2-7/8" x 2.312" On/Off tool w/'X' profile on ±298 jts 2-7/8" L-80 6.5# work string (0.24311 gal/ft). Hook up On/Off tool to packer [total capacity – 2,283 gallons (tbg), 2,305 gallons (top perf), 2,393 gallons (btm perf)].

28) RU frac equip.

29) Pressure test surface lines to 9,000 psig. **Max treating pressure is 8,500 psig.** BD perfs with 2% KCl water and EIR. Acidize Mesaverde perfs from 9,413'-9,503' with 1,000 gals of 7.5% NEFE HCl acid and 29 Bio-balls at 12 BPM down 2-7/8" tbg. Flush with 2,450 gals 2% KCl water (1.5 bbls over flush). Record ISIP, 5", and 10" SIPs. Ball off acid. Surge balls back several times. Shut down for 20 minutes, allowing Bio-balls to dissolve.

30) Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.

31) Frac Mesaverde perfs down 2-7/8" tubing at 25-40 BPM. Pump 2% KCl slickwater w/53,000 lbs 20/40 Resin Coated proppant followed by 10,000 lbs 20/40 Resin Coated sand (*activated*). Flush with 2,500 gals Water Frac G-R w/additives. Record ISIP & 5" SIP.

<u>Stage 2</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
1 – Acid	1,000	7.5% FE Acid-XTO		
2 – Flush	2,500	2% KCl Water		
3 - Pad	6,000	2% KCl Slickwater		
4 - Proppant Laden Fluid	11,000	2% KCl Slickwater	0.50 lbm/gal	Resin Coated-20/40
5 - Proppant Laden Fluid	13,000	2% KCl Slickwater	1.00 lbm/gal	Resin Coated-20/40
6 - Proppant Laden Fluid	12,000	2% KCl Slickwater	1.25 lbm/gal	Resin Coated-20/40
7 - Proppant Laden Fluid	13,000	2% KCl Slickwater	1.50 lbm/gal	Resin Coated-20/40

<u>Stage 2</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
8 - Proppant Laden Fluid	6,675	2% KCl Slickwater w/Activator	1.50 lbm/gal	Resin Coated-20/40
9 - Flush	2,500	2% KCl Water		

32) RD frac equip. RU WL truck.

33) Set 'X' plug in bottom profile of packer. RD WL.

34) Release On/Off tool. TOH with BHA.

35) RU WL. Perf Mesaverde 3-1/8" csg gun with 1 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 7 holes). POH with csg gun.

**Mesaverde Perfs**

<u>PERF</u>	<u>CCL</u>	<u>PERF</u>	<u>CCL</u>	<u>PERF</u>	<u>CCL</u>
9,359'		9,335'		9,328'	
9,357'		9,333'			
9,352'		9,331'			

36) RIH and set Baker 4-1/2" x 2-7/8" x 2.312" On/Off tool, 450-237 Model 'WL' Packer w/2-7/8" x 6' L-80 tbg sub, 2-7/8" x 2.312" XN, & 2-7/8" WLEG @ ±9,200'. RD WL.

37) TIH w/4-1/2" x 2-7/8" x 2.312" On/Off tool w/'X' profile on ±292 jts 2-7/8" L-80 6.5# work string (0.24311 gal/ft). Hook up On/Off tool to packer [total capacity – 2,237 gallons (tbg), 2,361 gallons (top perf), 2,403 gallons (btm perf)].

38) RU frac equip.

39) Pressure test surface lines to 9,000 psig. **Max treating pressure is 8,500 psig.** BD perfs with 2% KCl water and EIR. Acidize Mesaverde perfs from 9,328'-9,371' with 1,000 gals of 7.5% NEFE HCl acid and 27 Bio-balls at 12 BPM down 2-7/8" tbg. Flush with 2,475 gals 2% KCl water (2 bbls over flush). Record ISIP, 5", and 10" SIPs. Ball off acid. Surge balls back several times. Shut down for 20 minutes, allowing Bio-balls to dissolve.

40) Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.

41) Frac Mesaverde perfs down 2-7/8" tubing at 25-40 BPM. Pump 2% KCl slickwater w/50,000 lbs 20/40 Resin Coated proppant followed by 10,000 lbs 20/40 Resin Coated sand (*activated*). Flush with 2,600 gals Water Frac G-R w/additives. Record ISIP & 5" SIP.

<u>Stage 3</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
1 – Acid	1,000	7.5% FE Acid-XTO		
2 – Flush	2,475	2% KCl Water		
3 - Pad	5,000	2% KCl Slickwater		

<u>Stage 3</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
4 - Proppant Laden Fluid	10,000	2% KCl Slickwater	0.50 lbm/gal	Resin Coated-20/40
5 - Proppant Laden Fluid	12,000	2% KCl Slickwater	1.00 lbm/gal	Resin Coated-20/40
6 - Proppant Laden Fluid	12,000	2% KCl Slickwater	1.25 lbm/gal	Resin Coated-20/40
7 - Proppant Laden Fluid	12,000	2% KCl Slickwater	1.50 lbm/gal	Resin Coated-20/40
8 - Proppant Laden Fluid	6,675	2% KCl Slickwater w/Activator	1.50 lbm/gal	Resin Coated-20/40
9 - Flush	2,600	2% KCl Water		

42) RD frac equip. RU WL truck.

43) Set 'X' plug in bottom profile of packer. RD WL.

44) Release On/Off tool. TOH with BHA.

45) RU WL. RIH w/5-1/2" retrievable bridge plug. Set RBP @  $\pm 7,900'$  (ensure RBP is not set in a casing collar). POH w/setting tl.

46) Perf Mesaverde 3-1/8" csg gun with 2 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 15 holes). POH with csg gun.

**Mesaverde Perfs**

<b>PERF</b>	<b>CCL</b>
7,816'-7,823'	

47) RIH and set Baker 4-1/2" x 2-7/8" x 2.312" On/Off tool, 450-237 Model 'WL' Packer w/2-7/8" x 6' L-80 tbg sub, 2-7/8" x 2.312" XN, & 2-7/8" WLEG @  $\pm 7,700'$ . RDMO WL.

48) TIH w/4-1/2" x 2-7/8" x 2.312" On/Off tool w/'X' profile on  $\pm 244$  jts 2-7/8" L-80 6.5# work string (0.24311 gal/ft). Hook up On/Off tool to packer [total capacity – 1,872 gallons (tbg), 1,985 gallons (top perf), 1,992 gallons (btm perf)].

49) RU frac equipment and pressure test surface lines to 9,000 psig. **Max treating pressure is 8,500 psig.**

50) Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.

51) Breakdown formation and establish injection @ +/- 10 BPM. Spearhead 1,000 gals 7.5% HCl and frac Mesaverde perfs down 2-7/8" tubing at 25-40 BPM. Pump 2% KCl slickwater w/15,000 lbs 20/40 Ottawa proppant followed by 5,000 lbs 20/40 Resin Coated sand (*activated*). Flush with 2,000 gals Water Frac G-R w/additives. Record ISIP & 5" SIP.

<u>Stage 4</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
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<u>Stage 4</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
1 - Acid	1,000	7.5% FE Acid-XTO		
2 - Pad	3,000	2% KCl Slickwater		
3 - Proppant Laden Fluid	5,000	2% KCl Slickwater	0.50 lbm/gal	Premium White-20/40
4 - Proppant Laden Fluid	5,000	2% KCl Slickwater	1.00 lbm/gal	Premium White-20/40
5 - Proppant Laden Fluid	6,000	2% KCl Slickwater	1.25 lbm/gal	Premium White-20/40
6 - Proppant Laden Fluid	3,350	2% KCl Slickwater w/Activator	1.50 lbm/gal	Premium White-20/40
7 - Flush	2,000	2% KCl Water		

52) RD frac equip. RU WL truck.

53) Set 'X' plug in bottom profile of packer. RD WL.

54) Release On/Off tool. TOH with BHA.

55) RU WL. RIH w/5-1/2" retrievable bridge plug. Set RBP @  $\pm 6,600'$  (ensure RBP is not set in a casing collar). POH w/setting tl.

56) Perf Chapita Wells 3-1/8" csg gun with 2 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, 15 holes). POH with csg gun.

**Chapita Wells Perfs**

<b>PERF</b>	<b>CCL</b>
6,495'-6,502'	

57) RIH and set Baker 4-1/2" x 2-7/8" x 2.312" On/Off tool, 450-237 Model 'WL' Packer w/2-7/8" x 6' L-80 tbg sub, 2-7/8" x 2.312" XN, & 2-7/8" WLEG @  $\pm 6,400'$ . RDMO WL.

58) TIH w/4-1/2" x 2-7/8" x 2.312" On/Off tool w/'X' profile on  $\pm 196$  jts 2-7/8" L-80 6.5# work string (0.24311 gal/ft). Hook up On/Off tool to packer [total capacity - 1,555 gallons (tbg), 1,647 gallons (top perf), 1,654 gallons (btm perf)].

59) RU frac equipment and pressure test surface lines to 9,000 psig. **Max treating pressure is 8,500 psig.**

60) Review treatment schedule with service company personnel and confirm treatment rate, stage fluid volumes, proppant volumes, type and amount of flush.

61) Breakdown formation and establish injection @ +/- 10 BPM. Spearhead 1,000 gals 7.5% HCl and frac Chapita Wells perfs down 2-7/8" tubing at 25-40 BPM. Pump 2% KCl slickwater w/7,000 lbs 20/40 Ottawa proppant followed by 5,000 lbs 20/40 Resin Coated sand (*activated*). Flush with 1,900 gals Water Frac G-R w/additives. Record ISIP & 5" SIP.

<u>Stage 5</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant/Balls</u>
1 - Acid	1,000	7.5% FE Acid-XTO		
2 - Pad	5,000	2% KCl Slickwater		
3 - Proppant Laden Fluid	2,000	2% KCl Slickwater	0.50 lbm/gal	Premium White-20/40
4 - Proppant Laden Fluid	2,000	2% KCl Slickwater	1.00 lbm/gal	Premium White-20/40
5 - Proppant Laden Fluid	3,200	2% KCl Slickwater	1.25 lbm/gal	Premium White-20/40
6 - Proppant Laden Fluid	3,350	2% KCl Slickwater w/Activator	1.50 lbm/gal	Premium White-20/40
7 - Flush	1,900	2% KCl Water		

62) RDMO frac equip.

63) TOH w/tubing, frac collar, On/Off tool, packer, tubing sub, 'XN', & WLEG.

64) TIH with RBP/packer release tools. Catch RBP @ 6,600', packer @ 7,700', RBP @ 7,900', and packers @ 9,200', 9,390', & 9,525'. TOH with BHA. LD RBPs/packers and release tools & 2-7/8" work string.

65) MIRU air/foam unit.

66) TIH with 4-3/4" bit and scraper, SN and 2-3/8" tbg. CO to PBTD (10,213'). Report any tight spots to Brock Hendrickson. TOH and LD bit and scraper. RDMO air/foam unit.

67) TOH with tubing and bit. Lay down bit and scraper.

68) TIH with tubing BHA as follows:

***A chemical, capillary string will be banded to the OD of the tubing string***

- a) 5-1/2" TECH TAC (2" ID), open ended
- b) 12' - 2-3/8" pup jt w/1/2" vent hole located 1' from top
- c) 2-3/8" (1.900" ID) API SN

d)  $\pm 202$  jts - 2-3/8" tubing to surface, EOT @ 9,662', SN @ 9,650'

69) Swab well until clean fluid is obtained.

70) TIH with rod BHA as follows:

- a) 3/4" x 8' - 0.012" Mesh Screen Dip Tube
- b) 2" x 1-1/4" x 16' x 19' RHBC
- c) 3/4" x 4' Guided Rod Sub w/mold-on guides
- d) 3/4" - 21,000 lb HF Shear Tool
- e) 10 - 1-1/4" API K Sinker Bars
- f) 40 - 3/4" Norris-96 Rods w/mold-on guides
- g) 336 - 3/4" Norris-96 Rods w/T-couplings
- h) 3/4" x 2' & 3/4" x 4' Spacer Subs
- i) 1-1/4" x 22' Polished Rod w/liner

71) Space out pump with spacer subs. Load tubing and long stroke with rig to ensure pump action. HWO.

72) RDMO PU.

73) MI and set a Lufkin RM-320-256-120 pumping unit (min ECB 23,150 lbs) with a C-96 engine.

74) Set CB weights as follows:

Description	Weight	Position
Left Lag	ORO	15.8
Left Lead	ORO	15.8
Right Lag	ORO	15.8
Right Lead	ORO	15.8

75) Gauge tanks. Shoot FL and run dynamometer during pumping unit startup. Start well pumping at 4 SPM and 120" SL for 24 hours. Check fluid level and tank gauges.

76) Report pre and post start up data to Brock Hendrickson.

**Regulatory:**

1. Submit subsequent sundry to OAP in the Mesaverde/Wasatch formations
2. Submit subsequent sundry to PWOP

**Equipment:**

**Pumping Unit**

- Lufkin RM-320-256-120
- Arrow C-96 engine

**Tubing**

- Chemical, capillary, injection string (tubing OD)
- 5-1/2" TECH TAC (2" ID), open ended
- 12' – 2-3/8" pup jt w/1/2" vent hole located 1' from top
- 2-3/8" (1.900" ID) API SN
- ±202 jts - 2-3/8" tubing

#### **Rods**

- 3/4" x 8' – 0.012" Mesh Screen Dip Tube
- 2" x 1-1/4" x 16' x 19' RHBC
- 3/4" x 4' Guided Rod Sub w/mold-on guides
- 3/4" – 21,000 lb HF Shear Tool
- 10 – 1-1/4" API K Sinker Bars
- 40 – 3/4" Norris-96 Rods w/mold-on guides
- 336 – 3/4" Norris-96 Rods w/T-couplings
- 3/4" x 2' & 3/4" x 4' Spacer Subs
- 1-1/4" x 22' Polished Rod w/liner

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**DOGM COPY**

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

*Record Cleanup*

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-30693</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name <b>UTE INDIAN TRIBE</b>
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>HILL CREEK UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1463' FSL &amp; 3109' FWL NESW SEC 30-T10S-R20E</b>		8. Well Name and No. <b>HCU 11-30F</b>
		9. API Well No. <b>43-047-33965</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES WSMVD</b>
		11. County or Parish, State <b>UINTAH UTAH</b>

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

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

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

XTO Energy Inc. opened additional pay & put this well on pump per the attached Morning Report.

**RECEIVED**

**AUG 13 2009**

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

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>BARBARA A. NICOL</b>	Title <b>REGULATORY CLERK</b>
Signature <i>Barbara A. Nicol</i>	Date <b>8/11/2009</b>

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

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

**DOGM COPY**

EXECUTIVE SUMMARY REPORT

8/10/2008 - 8/11/2009  
Report run on 8/11/2009 at 11:15 AM

Hill Creek Unit 11-30F

Section 30-10S-20E, Uintah, Utah, Roosevelt  
Objective: OAP/PWOP  
Date First Report: 4/30/2009

4/30/2009

First report to OAP/PWOP. SITP 150 psig, FCP 100 psig. MIRU Key # 6013. ND WH. NU BOP. Unland tbg. TOH w/255 jts 2.375'', 4.7#, N-80, EUE. 8rd tbg, 2-3/8" SN & mule shoe col. Tbg showed med external Sc BU fr/2817' - 5634' FS. I.D. chkd gd. TIH w/4.75'' bit, 4 - 3.5'' DC, SN & 299 jts 2.375'' tbg. Tg 16' fill @ 9290'. TOH w/6 jts tbg, EOT @ 9100'. SWI & SDFN. Tg fill @ 9290'

5/1/2009

===== Hill Creek Unit 11-30F =====  
SITP 0 psig. SICIP 100 psig. TIH w/6 jts tbg. Tgd 16' fill @ 9290'. RU pwr swivel & AFU. Estb circ ( 2 hrs). CO 16' to CIBP @ 9306'. DO CIBP ( 1.5 hrs), flwg press increased to 1500 psig. Bd 30". Rd swivel & AFU. TIH w/15 jts tbg. Tg fill & CIBP remains @ 9828' ( 385' fr/ PBD). RU pwr swivel & estb circ. DO fr/9828' - 9940' ( 311' of rat hole ) & ( -273' fr/PBD). Suspect old BRS @ 9940' records indicate @ 9971'. Circ well cln. TOH w/306 jts tbg. LD 4- 3.5'' DC, 4.75'' bit. TIH w/4.75'' bit, 5.5'' csg scr, SN & 166 jts 2-3/8" tbg. EOT @ 5200'. SWI & SDFWE. CO to 9940'.

5/4/2009

===== Hill Creek Unit 11-30F =====  
SITP 0 psig, SICIP 200 psig. Contd TIH w/154 jts tbg, 5.5'' csg scr & 4.75'' bit ( 320 jts ttl ). Tgd BRS @ 9940'. TOH w/160 jts tbg, LD 160 jt's 2.375'', 4.7#, N-80, EUE, 8 rd tbg scr & bit. Send tbg in for inspection. MIRU Perf O Log WLU. RIH w/GR, tgd @ 9930'. POH & LD GR. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgrs. Perf stage 1 MV intv fr/9580' - 82' & 9565' - 68' w/2 SPF (120 deg phasing, 0.36'' EHD, 35.63" pene., ttl 12 holes). POH & LD perf guns. PU & TIH w/5.5'' HD pkr & 138 jts 3-1/2, 9.3#, N-80, EUE, 8rd tbg. EOT @ 4250'. SWI & SDFN. PU 3.5'' tbg.

5/5/2009

===== Hill Creek Unit 11-30F =====  
SITP 0 psig, SICIP 850 psig. Bd well. Contd PU & TIH w/5.5'' HD pkr w/glass rupture disc & 307 jts 3-1/2, 9.3#, N-80, EUE, 8rd tbg. Set pkr @ 9525' w/60 K compression. SWI & SDFN. Set Pkr @ 9525'

5/6/2009

===== Hill Creek Unit 11-30F =====  
SITP 0 psig. SICIP 500 psig. MIRU FTS. Held safety mtg & PT all surface lines to 7,500 psig, held gd. Fill tbg w/ 78 bls trtd 2%. PT tbg to 5000 psig 30 mins. Tstd good. Brk glass disc @ 5400 psig. BD MV stg #1 perfs w/2% KCL wtr and EIR. A. MV perfs fr/9565-9629' w/2,000 gals of 7-1/2% NEFE HCL ac and 36 Bio-balls dwn 3-1/2" tbg. Good BA. Balled Out. Max TP 7500 psig. ISIP 3,446 psig, surge balls off perfs, wait 5". Fracd MV stg #1 perfs fr/9565-9629', dwn 35-1/2" tbg w/79,380 gals 2% KCL wtr carrying 40,613# SLC 20/40 sd, . Flushed frac w/90 bls 2% KCL wtr. Max DH sd conc 1.2 ppg. ISIP 3,670 psig, 5" SIP 3,493 psig. AIR 28.6 BPM (fld). ATP 6,438 psig. SWI 4 hrs. OWU 5:00 pm 12/64 ck/ F 2hrs 0 BO. 3450 -2850 psig 12/64 ck. Frac stage 1 / Flow back

EXECUTIVE SUMMARY REPORT

8/10/2008.- 8/11/2009  
Report run on 8/11/2009 at 11:15 AM

5/7/2009

----- Hill Creek Unit 11-30F -----  
FTP 100 psig. SICP 400 psig. 16/64 ck/ F 12hrs 0 BO. 345 blwr. 1445 blwtr.  
2850-100 psig 12-16/64 ck. Lit snd, fld, no gas. @ 7:00 am 5/7/2009; Bld dwn  
cs. Rlsd pkr, TOH & LD 46 jt's 3.5" tbg. TOH w/ 261 jt's 3.5" tbg & Pkr.  
MIRU Perf O log. RIH w/ 5.5 CBP & set @ 9525'. RIH w/3-1/8" csg guns loaded  
w/Titan EXP-3323-361T, 22.7 gm chrsgs. Perf stage 2 MV intv fr/9329-33',  
9358-60', 9415-18', 9450-52', & 9501-03' w/2 SPF (120 deg phasing, 0.36"  
EHD, 35.63" pene., ttl 31holes). POH & LD perf guns. PU & TIH w/5.5" HD  
pkr & 261 jts 3-1/2, 9.3#, N-80, EUE, 8rd tbg. EOT @ 8103'. SWI & SDFN.  
Perf stage2/ Move tools

5/8/2009

----- Hill Creek Unit 11-30F -----  
SITP 0 psig. SICP 300 psig. MIRU FTS. Held safety mtg & PT all surface  
lines to 7,500 psig, held gd. Fill tbg w/ 68 bls trtd 2% KCl wtr, PT tbg  
to 5000 psig, 30". Tstd good. Brk tbg glass rupture disc @ 5200 psig. BD MV  
stg #2 perfs w/2% KCl wtr and EIR. A. MV perfs fr/9329' - 9503' w/2,000 gals  
of 7-1/2% NEFE HCL ac and 70 Bio-balls dwn 3-1/2" tbg. Balled Out.  
Max TP 6500 psig. ISIP 3,240 psig, surge balls off perfs & SD 5". Fracd MV  
stg #2 perfs fr/9329' - 9503' dwn 3-1/2" tbg w/128,352 gals 2% KCl wtr  
carrying 69,992# SLC 20/40 sd. Flshd frac w/113 bls 2% KCl wtr. Max DH sd  
conc 1.07 ppg. ISIP 3220 psig, 5" SIP 3,086 psig. AIR 33.2 BPM (fld).  
ATP 6,285 psig. 3056 BLWTR. RD frac equip & SWI 10 hrs. OWU 10:00 pm  
5/08/2008. on 12/64 ck.  
Frac 2 of 4 stage

5/9/2009

----- Hill Creek Unit 11-30F -----  
OWU 12:00 am . FTP 2150 psig. SICP 00 psig. 12/64 ck. F. 0 BO. 484 BLW, 12  
hrs. FTP 2150 - 100 psig, 12-16/64 ck. Rets of lt sd, fld, no gas. @ 12:00  
pm 5/9/2009.  
Flw bk

5/11/2009

----- Hill Creek Unit 11-30F -----  
FTP 100 psig. SICP 0 psig. 16/64 ck/ F 5hrs 0 BO. 84 blwr. 1000-100 psig  
16/64 ck. Lit snd, fld, no gas. @ 7:00 am 5/11/2009; Bld dwn cs. Rlsd pkr,  
TOH & LD 31 jt's 3.5" tbg. TOH w/ 230 jt's 3.5" tbg & Pkr. MIRU Perf O log.  
RIH w/ 5.5 CBP & set @ 7880'. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-  
361T, 22.7 gm chrsgs. Perf stage 3 MV intv fr/7815-23' w/2 SPF (120 deg  
phasing, 0.36" EHD, 35.63" pene., ttl 17holes). POH & LD perf guns. PU &  
TIH w/5.5" HD pkr & 230 jts 3-1/2, 9.3#, N-80, EUE, 8rd tbg. Set pkr @  
7123'. w/ 50k compression. SITP 0 psig. SICP 00 psig. MIRU FTS. Held safety  
mtg & PT all surface lines to 7,500 psig, held gd. Fill tbg w/ 72 bls trtd  
2%. PT tbg to 5000 psig 30 mins. Tstd good. Brk glass disc @ 6025 psig. BD  
MV stg #3 perfs w/2% KCl wtr and EIR. Spearhead MV perfs fr/7815-23' w/1,000  
gals of 7-1/2% NEFE HCL ac. Fracd MV stg #3 perfs fr/7815-23', dwn 3-1/2"  
tbg w/44,730 gals 2% KCl wtr carrying 13,651# White 30/50 snd & 9,295 # SLC  
20/40 sd, . Flushed frac w/83 bls 2% KCl wtr. Max DH sd conc 1.07 ppg. ISIP  
3879 psig, 5" SIP 3729 psig. AIR 27.2 BPM (fld). ATP 5,892 psig. 1065  
BLWTR. SWI 6 hrs. OWU 10:00 pm 5/11/2008. on 16/64 ck.  
Frac stage 3

EXECUTIVE SUMMARY REPORT

8/10/2008 - 8/11/2009  
Report run on 8/11/2009 at 11:15 AM

5/12/2009 ----- Hill Creek Unit 11-30F -----  
FTP 100 psig. SICP 0 psig. F. 0 BO. 230 BLW, FTP 3000 - 100 psig, 16/64" ck, 7 hrs. 836 BLWTR. Lt sd, fld, no gas. @ 7:00 am 5/12/2009. Bd csg. Rlsd pkr, TOH & LD 56 jts 3.5" tbg. Contd TOH w/174 jts 3.5" tbg & pkr. MIRU Perf 0 log WLU. RIH w/5.5 CBP & set @ 6550'. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf stage 4 MV intv fr/6495' - 6502' w/2 SPF (120 deg phasing, 0.36" EHD, 35.63" pene., ttl 15holes). POH & LD perf guns. PU & TIH w/5.5" HD pkr & 174 jts 3-1/2, 9.3#, N-80, EUE, 8rd tbg. Set pkr @ 5436' w/ 50k compression. SITP 0 psig. SICP 00 psig. MIRU Frac Tech. Held safety mtg & PT all surface lines to 7,500 psig, held gd. Fill tbg w/55 bls trtd 2%. PT tbg to 5000 psig 30". Tstd gd. Brk glass disc @ 5025 psig. BD MV stg #4 perfs w/2% KCL wtr and EIR. Spearhead MV perfs fr/6495' - 6502' w/1,000 gals of 7-1/2% NEFE HCL ac. Fracd MV stg #4 perfs fr/6495' - 6502', dwn 3-1/2" tbg w/ 2% KCL wtr carrying 8,421# White 30/50 sd & 7,500 # SLC 20/40 sd, . Flshd frac w/81 bls 2% KCL wtr. Max DH sd conc 1.04 ppg. ISIP 2425 psig, 5" SIP 2336 psig. AIR 28.5 BPM (fld). ATP 4,954 psig. 869 BLWTR. SWI 6 hrs. OWU 10:00 pm 5/12/2008. on 16/64 ck. Frac Stage 4.

5/13/2009 ----- Hill Creek Unit 11-30F -----  
FTP 100 psig. SICP 0 psig. F. 0 BO. 167 BLW, 9 hrs, FTP 2000 - 100 psig, 12-24/64" ck. Rets of Lt sd, fld, no gas. @ 7:00 am 5/13/2009, 702 BLWTR ( stg 4 ). Bd csg. Rlsd pkr, TOH & LD 174 jts 3.5" tbg, 5.5" pkr & BHA. XO to 2.375" equip. PU & Tally in hole w/4.75" bit, BRS, SN & 195 jts new 2.375", 4.7#, L-80, EUE, 8 rd tbg fr/ XTO stock & 4 jts 2.375", 4.7#, N-80 tbg ( production tbg). Tgd CBP @ 6550' ( 0' sd fill). RU pwr swivel & AFU. SWI & SDFN.  
Ld 3.5" / Pu 2.375" tbg

5/14/2009 ----- Hill Creek Unit 11-30F -----  
SITP 0 psig. SICP 0 psig. Estb circ w/AFU. DO CBP @ 6550'. Contd TIH, tgd sd @ 7800' ( 80'). CO to CFP @ 7880'. DO CFP @ 7880'. Contd TIH w/tbg, tgd 90' sd @ 9435'. CO to CFP @ 9525'. DO CFP @ 9525'. TIH tgd 90' sd @ 9875'. CO to old BRS @ 9940'. PBTD is 10,213 (273' fill). Circ cln 3 hrs. Rd pwr swivel & AFU. LD 20 jts tbg. TOH w/269 jts tbg. EOT @ 800'. Turn to tst tnk @ 5:00 pm on 32/64 ck.  
CO to 9940'

5/15/2009 ----- Hill Creek Unit 11-30F -----  
SITP 0 psig, FCP 50 psig. Bd tbg. TOH w/tbg, LD bit. PU & TIH w/mule shoe col, SN & 302 jts 2-3/8" tbg. EOT @ 9541'. Swab tst WA/MV perfs fr/5214' - 9629'. RU & RIH w/swb tls. BFL @ 2000' FS. S. 0 BO, 83 BLW, 12 runs, FFL @ 3,100' FS. Tbg hd gd blw after runs. SICP 1460 psig. Fld smpls of cln wtr, lt sd. SWIFPBU & SDFWE.  
Swab

5/18/2009 ----- Hill Creek Unit 11-30F -----  
SITP 700 psig, SICP 1600 psig. Bd tbg. Swab tst WA/MV perfs fr/5214' - 9629'. RU & RIH w/swb tls. BFL @ 2000' FS. S. 0 BO, 9 BLW, 3 runs, FFL @ 3,100' FS. Tbg hd gd blw after runs. RD swb tls & Bd dwn well. TIH w/tbg, tgd 5' sd fill @ 9935'. TOH w/tbg. PU & TIH w/mule shoe col, 5-1/2" x 2-3/8" SH TAC, 12' x 2-3/8" tbg sub w/1/4" weep hole, 2-3/8" SN & 295 jts 2-3/8", L-80, 4.7#, EUE, 8rd tbg. ND BOP, set TAC w/15K tens. Ld tbg on hgr & NU WH. SN @ 9,664', TAC @ 9,677', EOT @ 9,681'. WA/MV perfs fr/5214' - 9629'. RU swb tls & RIH w/1.91" tbg broach to SN @ 9664'. POH w/broach. No ti spots. LD broach. RU & RIH w/swb tls. BFL @ 1500' FS. S. 0 BO, 25 BLW, 4 runs, FFL @ 2200 FS. SICP 1200 psig. SWIFPBU & SDFN.  
Run Production.

EXECUTIVE SUMMARY REPORT

8/10/2008 - 8/11/2009  
Report run on 8/11/2009 at 11:15 AM

- 5/19/2009 ===== Hill Creek Unit 11-30F =====  
SITP 500 psig, SICP 700 psig. Bd tbg. ' . Swab WA/MV 5214-9629'. RU & RIH w/swb tls. BFL @ 3000' FS. S. 0 BO, 45 BLW, 7 runs, FFL @ 5,100' FS. Tbg hd gd blw after runs. PU & load new 2.0'' x 1.25'' x 16' RHBC pmp (XTO #176) w/1-1/4" x 8' screened GAC. TIH w/pmp, 4' x 3/4 pony sub, 26#k shear tl, 4' x 3/4" rod sub, 10- 1.25" sbs, 40- 3/4 gr 'D' guided skr d, 335 - 3/4" gr 'D' plain skr d, 2- 3/4" rod subs ( 4' & 2') & 26' x 1.25" PR w/1.5" x 16' lnr. Seated pmp & SWO. PT tbg to 500 psig w/10 BW. LS pmp to 1000 psig. Gd PA. Clamped off rods for PU installation. RDMO Key Energy #6013. Wait on surface equipment.  
RDMOSU
- 5/26/2009 ===== Hill Creek Unit 11-30F =====  
Cont rpt to OAP/PWOP fr/5-19-09 to 5-26-09. (PR clamp slipped while att to HWO w/crane). SITP 0 psig, SICP 1,450 psig. MIRU 4CWS rig #5. Wasatch/MV perfs 5,214' - 9,629'. PBTd 10,213'. Bd csg. PU 3/4" Norris 96 skr d. Screw into PR 5' below WH. LD 3/4" skr d. Unseat pmp. LD 26' x 1-1/4" PR & 2 - 3/4" rod subs (4' & 2'). TOH w/335 - 3/4" slick Norris 96 skr d, 40 - 3/4" Norris skr d w/5 molded guides pr rod, 10 - 25' x 1-1/4" sbs, 1 - 4' x 3/4 stabilizer rod, 1 - shear tl pinned to 26K, 1 - 4' x 3/4" stabilizer rod & 2" x 1-1/4" x 19' RHBC-DV pmp (XTO #176) w/1 - 8' x 1-1/4" mesh screen dip tube (Pmp & rods app ok. Piece of rubber missing fr/sd seal on top of pmp. Sent in for insp & rep). PU & loaded new National 2" x 1-1/4" x 19' RHBC-DV pmp (XTO #172) w/8' x 3/4" mesh screen dip tube. TIH w/pmp BHA, 1 - 4' x 3/4 stabilizer rod, 1 - shear tl pinned to 26K, 1 - 4' x 3/4" stabilizer rod, 10 - 25' x 1-1/4" sbs, 40 - 3/4" Norris 96 skr d w/5 molded guides pr rod & 210 - 3/4" slick Norris 96 skr d w/T cplg's. PU PR. SWI. SDFN.
- 5/27/2009 ===== Hill Creek Unit 11-30F =====  
SITP 10 psig, SICP 1,450 psig. Bd csg. LD PR. TIH w/125 - 3/4" slick Norris 96 skr d w/T cplg's, 2 - Norris 96 rod subs (8' & 2') w/T cplg's & 1-1/4" x 26' PR w/1-1/2" x 12' lnr. Seated pmp. PT tbg to 1,000 psig w/20 bbls trtd 2% kcl wtr for 10". Tstd ok. Rltd press. LS pmp w/rig to 500 psig. GPA. Rltd press. HWO. Unable RWTP surf equip not ready. RDMO 4CWS rig #5. Turn well over to automation dept.
- 6/22/2009 ===== Hill Creek Unit 11-30F =====  
FTP 36 psig, FTP 1400 psig. PWOP. RWTP 6/22/09 @ 12:00p.m. Stoke length 120", 4 SPM, IFR1200 MCFPD. XTO meter #RS 0769 RF, Address 143, Group 10. Final rpt. Start test data.

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: U-30693
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC	7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	8. WELL NAME and NUMBER: HCU 11-30F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1463 FSL 3109 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 10.0S Range: 20.0E Meridian: S	9. API NUMBER: 43047339650000
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1463 FSL 3109 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 10.0S Range: 20.0E Meridian: S	COUNTY: UINTAH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1463 FSL 3109 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 10.0S Range: 20.0E Meridian: S	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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/27/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="Acid/Cleanout"/>

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

XTO Energy Inc. performed a Cleanout/Acid Treatment on this well per the following: 07/22/16: MIRU. TOH 2-3/8 tbg. 07/25/16: Con't TOH 2-3/8 tbg. TIH w/ 4.75' bit, 5.5' scr. 07/26/16: TIH w/ 4.75' bit, 5.5'' scr. To a depth of 9,690'. With EOT @ 9,630' pump 900 gals 15% HCL w/ adds dwn tbg. Flush with 65 bls TFW. TIH w/ 2-3/8' tbg. Set Tac @ 9,644', SN @ 9639'. TAC @ 9644'. EOT @ 9649'. 07/27/16: TIH w/pmp. Seated pmp. GPA. RWTP @ 14:00. RDMO.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 August 31, 2016**

<b>NAME (PLEASE PRINT)</b> Rhonda Smith	<b>PHONE NUMBER</b> 505 333-3215	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/17/2016	